



DEPARTMENT OF HEALTH & HUMAN SERVICES

OFFICE OF THE SECRETARY

Assistant Secretary for Legislation
Washington, DC 20201

July 29, 2025

The Honorable JD Vance
President
United States Senate
Washington, DC 20510

Dear Mr. President:

I am respectfully submitting the enclosed report to Congress entitled, *Annual Report to Congress on the Open Payments Program*. This report describes the Centers for Medicare & Medicaid Services' Open Payments activity for Fiscal Year 2024.

Section 1128G(d) of the Social Security Act requires the Secretary of the Department of Health and Human Services (HHS) to submit an annual report to Congress summarizing: 1) information aggregated by applicable manufacturers and group purchasing organizations (collectively referred to as industry or reporting entities); and 2) any penalties imposed by HHS related directly to Open Payments.

I am also sending a copy of this report to the Speaker of the House of Representatives. Please do not hesitate to contact me at 202-690-7627 if you have questions or concerns.

Sincerely,

A handwritten signature in black ink, reading "Gary Andres", is positioned above the printed name.

Gary Andres
Assistant Secretary for Legislation

Enclosure



July 29, 2025

The Honorable Mike Johnson
Speaker
U.S. House of Representatives
Washington, DC 20515

Dear Mr. Speaker:

I am respectfully submitting the enclosed report to Congress entitled, *Annual Report to Congress on the Open Payments Program*. This report describes the Centers for Medicare & Medicaid Services' Open Payments activity for Fiscal Year 2024.

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I am also sending a copy of this report to the Vice President of the United States. Please do not hesitate to contact me at 202-690-7627 if you have questions or concerns.

Sincerely,

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Gary Andres
Assistant Secretary for Legislation

Enclosure



**U.S. Department of Health and Human Services
Centers for Medicare and Medicaid Services**

REPORT TO CONGRESS

**Fiscal Year 2024
Annual Report on the Open Payments Program**

July 2025



**U.S. Department of Health and Human Services
Centers for Medicare and Medicaid Services**

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The Centers for Medicare & Medicaid Services (CMS) strives to make information accessible to all. Nevertheless, portions of our files including charts, tables, and graphics may be difficult to read using assistive technology.

Persons experiencing problems accessing portions of any file should contact CMS through e-mail at 508_Compliance@cms.hhs.gov.

Table of Contents

Executive Summary.....	3
Open Payments Program Overview and Implementation	4
Program Year 2023	5
Engagement and Outreach Efforts	8
External Stakeholder Outreach	8
Open Payments Help Desk Activity	9
Compliance Activities	9
Open Payments System & Search Tool Enhancements.....	10
<i>Open Payments System Enhancements</i>	10
<i>Open Payments Search Tool Enhancements</i>	11
Appendix A. Aggregate Data by Applicable Manufacturer and Group Purchasing Organization (GPO).	13

Executive Summary

The Secretary of the Department of Health and Human Services (HHS) is required to submit an annual Report to Congress summarizing the information reported to the Open Payments program, aggregated by reporting entities, as well as any penalties imposed by HHS that are directly related to the Open Payments program.

This report summarizes the required information and provides an overview of key program activities and achievements that occurred in Fiscal Year 2024 (October 1, 2023 – September 30, 2024), with a focus on the Program Year 2023 (January 1 – December 31, 2023) data publication.

The Open Payments program is a statutorily required, national disclosure program that promotes transparency and accountability by making information about the financial relationships between reporting entities¹ and covered recipients² available to the public.

Open Payments data includes payments and other transfers of value made to covered recipients, along with ownership and investment interests held by physicians or their immediate family members in the reporting entities.

Payments are reported across three reporting categories:

- General Payments: Payments or other transfers of value that are made not in connection with a research agreement or research protocol.
- Research Payments: Payments or other transfers of value made in connection with a formal research agreement or research protocol.
- Physician Ownership Information: Information about the ownership or investment interests that physicians or their immediate family members have in the reporting entities.

On June 28, 2024, the Centers for Medicare & Medicaid Services (CMS) published Program Year 2023 data, the tenth full year of data reported to Open Payments. In addition to the publication of Program Year 2023 data, Program Years 2017 through 2022 were refreshed and republished³ to reflect any updates made by reporting entities during the 2023 program year cycle. Program Year 2016 was archived⁴ during the Program Year 2024 data publication.

¹ Reporting entities refers to applicable manufacturers and group purchasing organizations (GPOs) required to report payments or transfers of value to covered recipients under the Open Payments program (42 USC §1320a-7h).

² For Program Year 2022 and subsequent program years covered recipients collectively refers to physicians, physician assistants and nurse practitioners, clinical nurse specialists, certified registered nurse anesthetists, anesthesiologist assistants, and certified nurse-midwives (excluding medical residents) who are not employees of the applicable manufacturer that is reporting the payment; or teaching hospitals that receive payment for Medicare direct graduate medical education (GME), inpatient prospective payment system (IPPS) indirect medical education (IME), or psychiatric hospital IME programs during the last calendar year for which such information is available.

³ Refreshed and republished data include data corrections made to reported payments since the initial publication of data submitted by applicable manufacturers and GPOs.

⁴ When a program year reaches its fifth full year of data publication it is no longer eligible for new data submissions or edits and is not searchable within the Open Payments database. Archived program years are accessible with the full dataset available for download on the Open Payments Archived Datasets Page.

In Program Year 2023, reporting entities collectively reported \$12.75 billion in publishable payments and ownership and investment interests. These payments are comprised of 15.64 million payment records attributable to 630,384 physicians, 309,438 Non-Physician Practitioners (NPPs) and 1,225 teaching hospitals.

CMS has the authority to impose civil monetary penalties (CMP) on entities that are not compliant with the Open Payments requirements. In FY 2024, no Open Payments CMPs were issued.

Table 1. Summary of Active Program Years

	2017	2018	2019	2020	2021	2022	2023
Total Dollar Value of Payments	\$9.98 billion	\$11.07 billion	\$11.97 billion	\$10.14 billion	\$12.49 billion	\$12.82 billion	\$12.75 billion
Total Number of Payment Records	12.25 million	11.74 million	11.37 million	6.52 million	12.27 million	14.28 million	15.64 million

Open Payments Program Overview and Implementation

The Open Payments program is a statutorily required⁵, national disclosure program that promotes transparency and accountability by making information about the financial relationships between reporting entities and covered recipients available to the public.

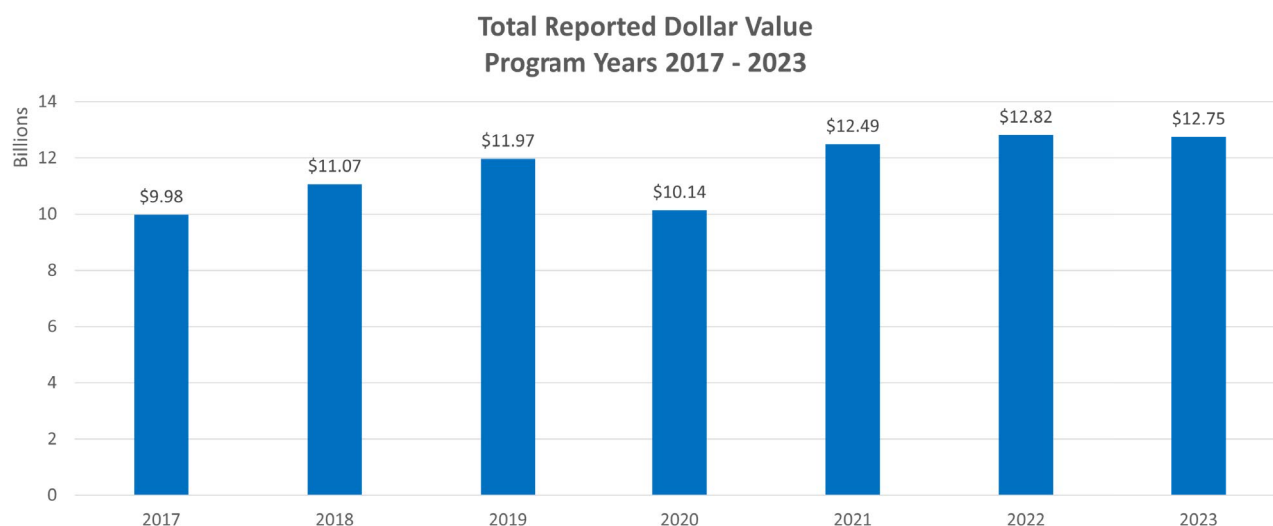
Reporting entities report payments or transfers of value made to covered recipients, and ownership and investment interests held by physicians or their immediate family members in the reporting entities. Payments are reported across three categories: general payments, research payments, and ownership and investment interests.

- General Payments: Payments or other transfers of value that are made not in connection with a research agreement or research protocol. General payments may include, but are not limited to honoraria, gifts, meals, consulting fees, and travel compensation.
- Research Payments: Payments or other transfers of value made in connection with a formal research agreement or research protocol.
- Physician Ownership Information: Information about the ownership or investment interests that physicians or their immediate family members have in the reporting entities.

Detailed guidance on reported payment categories is available in the Open Payments Final Rule (*CMS, Transparency Reports and Reporting of Physician Ownership or Investment Interests*, 78 FR 9458, at 9477 (Feb. 8, 2013)) and in regulations at 42 CFR § 403.904.

⁵ Section 1128G of the Social Security Act.

Figure 1. Total Dollar Value of Published Records by Program Year⁶



Program Year 2023

The Open Payments program functions on a yearly cycle of four key activities:

(1) Data Collection, (2) Data Submission, (3) Pre-Publication Review, Dispute and Correction, and (4) Data Publication. The following is an overview of the Program Year 2023 timeline, projects, and achievements.

1. **Data Collection:** Reporting entities collect data on payments made to covered recipients from January 1 through December 31 of each year, along with any ownership or investment interests held by physicians or their immediate family members in the reporting entity during that time. Data collection for Program Year 2023 took place from January 1, 2023 to December 31, 2023.

On January 1, 2024, reporting entities entered a new program cycle and began collecting data for Program Year 2024, which will be published in June 2025.

2. **Data Submission:** Reporting entities submit the data that they collected to CMS. The Program Year 2023 data submission period was February 1 through March 31, 2024.
3. **Pre-publication Review, Dispute, and Correction of Data:** Prior to data publication, covered recipients have an opportunity to review the payments and other transfers of value attributed to them. If they believe a record is inaccurate or incomplete, they may initiate a dispute and work directly with the reporting entity to reach a resolution. Covered recipient review of the data is voluntary; CMS encourages data review to ensure data accuracy. The pre-publication review and dispute period for Program Year 2023 data began on April 1, 2024, and continued through May 15, 2024.

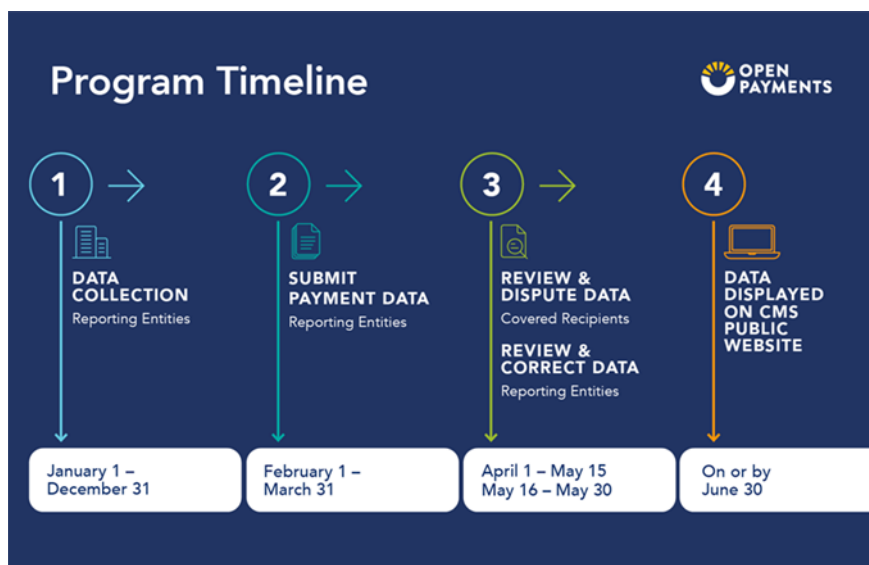
⁶ Individual program years' Open Payments data are calculated by totaling the individual program year's published general payment, research payment, and ownership and investment interest values. Ownership and investment values represent current market value of ownership as of the last feasible valuation across applicable manufacturers and GPOs.

Reporting entities have an additional 15-day correction period to ensure they accurately respond to inquiries or disputes initiated during the pre-publication review and dispute period and make any necessary updates prior to the annual data publication. This additional 15-day correction period continued through May 30, 2024.

The pre-publication review, dispute, and correction period provides an opportunity for data to be reviewed and, if necessary, corrected prior to its initial publication. Covered recipients may review the data through the end of the calendar year in which data is initially published and, if necessary, dispute payments they believe to be inaccurately reported. Updates to records that occur outside of the pre-publication review and dispute period are reflected in subsequent data refreshes or data publications.

4. **Data Publication:** The statute requires CMS to publish the data annually by June 30th. The data is displayed on the CMS website at: <https://openpaymentsdata.cms.gov>. On June 28, 2024, CMS published Program Year 2023 data along with the refreshed⁷ data from previous program years (2017 – 2022). Figure 2 provides a visual representation of the Open Payments Program Cycle.

Figure 2. Open Payments Program Cycle Overview



In Program Year 2023, reporting entities collectively reported \$12.75 billion in publishable payments and ownership and investment interests made to covered recipients. This amount is comprised of 15.64 million total records attributable to 630,384 physicians, 309,438 non-physician practitioners and 1,225 teaching hospitals.

Payments in the three reporting categories were:

- \$3.29 billion in general payments
- \$8.12 billion in research payments

⁷ Refreshed and republished data include data corrections submitted by reporting entities since the initial publication of data.

- \$1.34 billion of ownership or investment interests held by physicians or their immediate family members.

Over the course of the Open Payments program, CMS has published over 84 million records totaling more than \$72 billion in payments. Table 2 summarizes reported data by program year data over the past seven data publications.

Table 2. Summary of Open Payments Data - Active Program Years

Reported Metric	Program Year						
	2017	2018	2019	2020	2021	2022	2023
Total Dollar Value of Published Payments	\$9.98 billion	\$11.07 billion	\$11.97 billion	\$10.14 billion	\$12.49 billion	\$12.82 billion	\$12.75 billion
Total Number of Published Records	12.25 million	11.74 million	11.37 million	6.52 million	12.27 million	14.28 million	15.64 million
Total Number of Reporting Entities	1,677	1,756	1,797	1,780	1,856	1,857	1,776
Total Number of Physicians with attributed data	636,490	632,793	626,307	491,171	536,505	593,590	630,384
Total Number of Teaching Hospitals with attributed data	1,164	1,199	1,207	1,780	1,251	1,247	1,225
Total Number of NPPs with attributed data	N/A	N/A	N/A	N/A	235,312	274,161	309,438

In Fiscal Year 2021, CMS implemented the process of archiving data older than 5 years from public display. After evaluating program reporting and data maintenance requirements, CMS determined that when a program reaches five full years of publication cycles, the respective program year will be closed and archived. Closed means that the specific program year is no longer eligible for edits or data submission in the Open Payments system. Following the closing of a program year, it is archived and no longer displayed on the Open Payments search tool. Archived datasets are still available for download on the Open Payments dataset Download Page.

Example: Program Year 2013 was closed during calendar year 2020 and reporting entities were not able to submit new records related to Program Year 2013. In June 2021 Program Year 2013 was archived and removed from the Open Payments Search Tool but is still available for download via the Open Payments Dataset Download Page.

Engagement and Outreach Efforts

CMS strives to maintain active and engaging relationships with all program stakeholders. Outreach efforts include electronic listserv distributions, webinars, monthly stakeholder calls, attendance at in person events and working groups. Throughout Fiscal Year 2024, the Open Payments team leveraged these forms of communication to strategically promote the program and keep stakeholders updated and informed on program activity and upcoming changes. CMS recognizes the importance of communication with program participants and stakeholders and works diligently to maintain communication with all parties involved in the Open Payments program. These efforts strengthen CMS' relationship with program participants and positively impact the program.

External Stakeholder Outreach

- Hosted two webinars for reporting entities during the Program Year 2024 data submission period. These webinars focused on relevant program activities including data submission, and review and dispute information. The events provided an opportunity for the Open Payments team to present timely program information and respond to questions that attendees had regarding an array of topics including, but not limited to, reporting requirements, data submission, and review, dispute and correction actions.
- Spoke on CMS provider-focused outreach calls throughout Fiscal Year 2024, to continue communication with the covered recipient community.
- Maintained regular communication with stakeholders via Open Payments email distribution. These emails were distributed via the CMS Open Payments self-subscribe listserv and to the Open Payments system users consisting of reporting entities and covered recipients. Emails provided program timeline reminders and deadlines, as well as general operational updates.
- During the pre-publication review and dispute period there were two major outreach efforts focused on promoting covered recipient pre-publication review of the data.
 - The first outreach was specific for providers that were verified as having Program Year 2023 data attributed to them. An email was distributed to the identified covered recipients notifying them Program Year 2023 data was attributed to them. The email provided details on the pre-publication review and dispute process and reminded covered recipients that their participation is voluntary but encouraged to help ensure the accuracy of the data.
 - CMS also ran a paid media campaign with targeted ads to inform providers about the pre-publication review and dispute period and engage covered recipients with the program. The paid campaign ran from April 1, 2024, to May 15, 2024.
- The team maintained strong connections and collaborations with provider associations. This allowed the Open Payments messages to be disseminated throughout the provider community with reminders to review, affirm and if needed dispute data ahead of the June data publication.
- Open Payments explored outreach opportunities for reaching healthcare consumers that would benefit from using the data that the program provides.
 - The team exhibited at the B'MORE Healthy Expo in Baltimore, Maryland and the Rock N' Roll Run exhibit in Washington, DC. These events allowed the team to gauge patient/ consumer interest in the program and understand what resonates with this audience.
 - Two focus group projects were conducted in FY 2024. The goal and outcome of these projects was to understand more about the healthcare consumer audience as well as the healthcare provider audience. The findings revealed what aspects of the program matter most to health care consumers as well as what segments of consumers are most likely to use the Open Payments data in their own healthcare decisions. In addition to understanding what matters to patients, the focus group results also provided insight to how healthcare providers react to the program including their reaction to patient use of the data. This is one of the initial steps in expanding the reach of the program and broadening the use of the data throughout the patient population.

- Released a new Open Payments video on the topic of Ownership and Investment Interests. The new video provides general information on the ownership and investment interest (OII) nature of payment category. Along with the new video release, the existing Open Payments video tutorials were updated to reflect the most recent data publication statistics and latest open payments system features.

Open Payments Help Desk Activity

The Open Payments help desk supports the program by responding to program related questions and providing technical assistance. The help desk consistently receives positive feedback from those who utilize it. Table 3 summarizes the volume of help desk contacts in FY 2024.

Table 3. FY 2024 Help Desk Activity Summary

Type of Communication	Total Volume
Inbound Calls ⁸	4,114
Outbound Calls ⁹	1,390
Emails ¹⁰	1,731
All Communication Types	7,235

Continuing throughout FY 2024, the help desk proactively reached out to covered recipients who attempted to register within the Open Payments system but failed the vetting process. The goal of this outreach is to assist as many covered recipients as possible, in “real time” to complete their Open Payments system registration. This outreach effort began in 2019. Before this initiative it was common for covered recipients that failed the vetting process to never complete successful registration because they did not take it upon themselves to contact the help desk for assistance. Through the “Failed Vetting Outreach”, the help desk staff initiate contact with covered recipients that failed the vetting process to assist them with successful registration. Since the start of this outreach 48% of contacted covered recipients successfully completed registration. Performing this outreach on an ongoing basis helps increase covered recipient registration and pre-publication data review rates improving the accuracy of published data.

Compliance Activities

In Fiscal Year 2024, Open Payments continued compliance efforts focused on improving the timeliness, accuracy, and completeness of the reported data.

The Open Payments team conducted thirteen compliance outreaches to 1,369 unique companies. These efforts encouraged timely, accurate, and complete submission of reportable data and resulted in the inclusion of previously unreported data and the correction of errors in the reported data.

⁸ Inbound calls refer to incoming calls received at the help desk, i.e. individuals calling the help desk for assistance

⁹ Outbound calls refer to outgoing calls from the help desk, i.e. members of the help desk conducting calls to assist individuals

¹⁰ Emails refers to emails received at the help desk inbox at openpayments@cms.hhs.gov

In Fiscal Year 2024, CMS did not introduce any new outreach types. The Compliance Team repeated several previously successful compliance efforts including outreaches to the following: 1) entities that stopped reporting without any publicly available reasons; 2) entities that attested to their records late; and 3) entities that were newly registered for Program Year 2023 but may have needed to report records for prior program years. In total, these efforts resulted in the correction or update of 23,405 records.

While the primary goal of Open Payments compliance efforts is to bring organizations into compliance, CMS has the authority to impose CMPs for late¹, inaccurate, and/or incomplete reporting. During FY 2024, the compliance team sent 5 pre-demand letters, which are warning letters that give reporting entities the opportunity to come into compliance before CMS pursues a civil monetary penalty.

Open Payments audits are authorized by 42 CFR 403.912(e) and are conducted to determine the extent to which reporting entities are in compliance with the regulations governing the Open Payments program. CMS completed 5 Open Payments audits in FY 2024. The results of these audits will be used to inform future Open Payments Program audit strategy.

No CMPs were issued in FY 2024.

Open Payments System & Search Tool Enhancements

In Fiscal Year 2024, various enhancements were implemented to improve the user experience in the Open Payments System and to modernize the program's technology infrastructure. Open Payments public-facing website has also been enhanced.

Open Payments System Enhancements

The Open Payments System (OPS) is a secure system that is designed to support data submission activities, review, dispute and correction activities, and compliance communication. Users of the OPS are required to have log in credentials and are vetted upon registration. Users of the OPS are reporting entities and covered recipients since this tool is for record submission and review only and is not available to the public.

CMS analyzes user feedback to make the system as user friendly as possible. The key update implemented in FY2024 was the Open Payments System migration to the cloud and process enhancement efforts, referred to as OPS 2.0. This transition modernized the Open Payments system to capitalize on the benefits and efficiencies provided by cloud technologies. The system was fully operational during the key program dates including the dates for data submission and review and dispute periods. There was minimal downtime in July 2024 with little to no user impact during the full OPS 2.0 migration.

¹¹ Late data submissions are inclusive of both submitting and attesting to the submitted data after the close of the program year submission window that were not associated with disputes. The Program Year 2023 submission window closed March 31, 2024.

Highlights of the OPS 2.0 migration include:

- New URL and streamlined log in process
 - The Open Payments system moved to a new URL, (<https://openpayments.system.cms.gov/>) creating a direct access point to the system.
 - Users can access and log into the system directly from the new landing page rather than having to log into the CMS Identity Management System and navigate to the Open Payments application.
- Enhanced system design for a more user-friendly experience
 - The overall design of the system was enhanced to support ease of navigation and workflow of various user tasks.
- Improved system navigation
 - OPS 2.0 introduced drop-down task menus. These menus display options and brief descriptions of available tasks. This improvement allows users to navigate more efficiently with fewer clicks.
- Review Payment Details and Summary Page Enhancements
 - Search results return records faster through the use of Elasticsearch.
- Submissions Process Improvements
 - Files submitted through bulk file processing are handled faster using Apache Kafka for scalability, fault tolerance, and real-time processing.
- Reporting Entity Search and View Records Enhancements
 - Context for Teaching Hospital field added for General Payments attributed to Teaching Hospitals. Ability to link previously attested and deleted records to newly submitted ones. UI changes to reduce clutter, display error messages clearly, and allow for faster system navigation.

Open Payments Search Tool Enhancements

The Open Payments Search Tool is a crucial feature of the Open Payments public data display. It is a simple, accessible, and comprehensive tool enabling the public to access and interact with Open Payments data. Through the search tool, users can search for health care providers and companies reporting data. CMS continues to maintain the search tool and make updates to it for optimal user experience and accessibility. The search tool is available online at <https://openpaymentsdata.cms.gov>.

In Fiscal Year 2024, the Open Payments Search Tool was updated with the addition of the following new refinements and features to improve the overall user experience.

- **Search Tool Homepage Updates:** The homepage of the search tool was redesigned with a more concise tagline that encapsulates the purpose of the search tool.
- **Dataset Explorer Enhancements:** The Dataset Explorer tool is a feature on the site that allows users to review and download full or filtered datasets. This tool was updated to improve the functionality and accessibility with additional tooltips to guide users to resources

like the data dictionary, option to view the data in an expanded format, and option to display, hide, or reorder the columns of data they want to view.

- **About Section Enhancements:** The About section of the search tool was redesigned with a new layout including a sub-navigation for users to easily explore the various pages in the section, such as the Program Overview, Glossary, and Frequently Asked Questions. The Program Overview page features a high-level summary about the Open Payments program and highlights other key information such as the program calendar cycle.

Appendix A. Aggregate Data by Applicable Manufacturer and Group Purchasing Organization (GPO).

The aggregated data included in this report contains data from Program Year 2023 (January 1, 2023 – December 31, 2023). This dataset has undergone review and dispute for 45 days as per the final rule. CMS has confidence that we are accurately summarizing what has been reported.

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Company Name	\$	\$	\$	\$							
180 Medical, Inc.	\$79,215.96	\$0.00	\$0.00	\$0.00	3,154	0	0	0	1,172	0	944
3-D Matrix, Inc.	\$61,248.28	\$0.00	\$0.00	\$0.00	51	0	0	0	41	0	0
3D Systems	\$64,374.29	\$0.00	\$0.00	\$0.00	18	0	0	0	17	0	0
3M Company	\$3,327,061.53	\$192,677.86	\$0.00	\$0.00	9,508	12	0	0	6,784	9	0
3NT Medical	\$21,565.89	\$18,000.00	\$50,000.00	\$61,425.00	27	6	3	3	27	6	0
3Shape A/S	\$600.00	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
3Shape Inc	\$303,208.33	\$0.00	\$0.00	\$0.00	113	0	0	0	104	0	0
4DMedical USA Inc	\$215,197.72	\$0.00	\$0.00	\$0.00	43	0	0	0	9	0	0
4WEB, Inc.	\$171,413.21	\$0.00	\$0.00	\$7,839,058.97	633	0	30	30	201	0	6
A-dec, Inc.	\$2,030,980.51	\$0.00	\$0.00	\$0.00	7,905	0	0	0	2,763	0	1
ABB Con-Cise Optical Group LLC	\$150,152.57	\$0.00	\$0.00	\$0.00	1,108	0	0	0	727	0	1
ABC Home Medical Supply, Inc.	\$7,355.36	\$0.00	\$0.00	\$0.00	384	0	0	0	165	0	127
ABIOMED	\$8,528,088.23	\$1,184,595.85	\$0.00	\$0.00	32,997	529	0	0	9,429	34	3,454
ACADIA Pharmaceuticals Inc	\$3,141,555.53	\$4,957,209.25	\$0.00	\$0.00	25,355	675	0	0	4,220	14	2,791
ACCURAY INCORPORATED	\$172,255.67	\$2,250.00	\$0.00	\$0.00	166	2	0	0	73	1	2
ACIST MEDICAL SYSTEMS, INC.	\$125,643.33	\$42,798.42	\$0.00	\$0.00	607	3	0	0	353	0	11
ACUMED LLC	\$3,470,603.66	\$176,885.94	\$0.00	\$0.00	3,738	6	0	0	1,327	12	119
ADC Therapeutics America, Inc.	\$955,721.37	\$1,030,527.17	\$0.00	\$0.00	3,449	129	0	0	1,421	16	754
ADIR	\$4,650.00	\$0.00	\$0.00	\$0.00	3	0	0	0	2	0	0
ADMA BioManufacturing LLC	\$120,482.51	\$0.00	\$0.00	\$0.00	763	0	0	0	250	0	89
AERAS, Inc.	\$64.59	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
AGEPHA Pharma FZ LLC	\$53.02	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
AKEBIA THERAPEUTICS INC	\$272,471.40	\$2,207,666.16	\$0.00	\$0.00	2,236	915	0	0	821	7	327
ALBIREO PHARMA, INC.	\$618,781.14	\$1,697,252.97	\$0.00	\$0.00	705	355	0	0	248	14	69
ALK-Abello, Inc	\$155,488.01	\$0.00	\$0.00	\$0.00	4,902	0	0	0	2,045	0	945
ALON MEDICAL TECHNOLOGY	\$26,164.58	\$0.00	\$0.00	\$0.00	341	0	0	0	134	0	20
AMAG Pharmaceuticals, Inc.	\$97,919.76	\$572,116.45	\$0.00	\$0.00	28	84	0	0	10	7	0
AMDT Holdings, Inc.	\$26,848.00	\$0.00	\$0.00	\$0.00	6	0	0	0	5	0	0
AMERICAN MEDICAL TECHNOLOGY INC	\$0.00	\$0.00	\$507,005.00	\$3,411,734.00	0	0	1	1	1	0	0
ANI Pharmaceuticals, Inc.	\$848,755.60	\$454,023.00	\$0.00	\$0.00	14,251	3	0	0	3,425	6	1,351
APPLIED MEDICAL TECHNOLOGY INC	\$141,235.42	\$0.00	\$919,965.00	\$1,529,694.00	131	0	1	1	35	4	10

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
ARGENX US, INC.	\$3,280,817.05	\$8,820,120.98	\$0.00	\$0.00	16,521	2,388	0	0	3,551	40	1,546
ARGON MEDICAL DEVICES, INC.	\$210,016.99	\$0.00	\$0.00	\$0.00	1,332	0	0	0	649	0	42
ARKRAY USA, Inc.	\$396.21	\$0.00	\$0.00	\$0.00	18	0	0	0	14	0	5
ARRAY BIOPHARMA INC	\$336,559.46	\$5,148,339.48	\$0.00	\$0.00	5,073	629	0	0	1,832	34	952
ASAHI INTECC CO., LTD.	\$167,378.35	\$0.00	\$0.00	\$0.00	23	0	0	0	14	0	0
ASAHI INTECC USA, INC.	\$272,109.40	\$0.00	\$0.00	\$0.00	905	0	0	0	403	5	4
ASCEND Therapeutics US, LLC	\$47,129.64	\$0.00	\$0.00	\$0.00	1,512	0	0	0	444	0	203
ASD Specialty Healthcare, LLC	\$7,094.66	\$0.00	\$0.00	\$0.00	85	0	0	0	43	0	11
AVEO Pharmaceuticals, Inc.	\$418,034.69	\$5,086,048.36	\$0.00	\$0.00	3,992	1,970	0	0	1,594	24	1,003
AXOGEN	\$2,291,190.43	\$506,588.11	\$0.00	\$0.00	6,246	124	0	0	2,316	8	157
Aadi Bioscience, Inc.	\$355,472.31	\$17,276,045.62	\$0.00	\$0.00	537	305	0	0	237	12	95
AbbVie Inc.	\$187,132,327.08	\$185,118,186.29	\$0.00	\$0.00	1,763,819	31,536	0	0	137,789	191	98,478
Abbott Laboratories	\$40,757,905.13	\$60,573,289.57	\$0.00	\$0.00	312,018	11,886	0	0	52,350	258	22,749
Ablacon, Inc.	\$7,529.20	\$0.00	\$0.00	\$0.00	22	0	0	0	22	0	0
Ablative Solutions, Inc.	\$14,697.07	\$0.00	\$121,355.90	\$42,920.74	21	0	6	6	19	0	1
Accelerate Diagnostics Inc.	\$2,746.48	\$0.00	\$0.00	\$0.00	7	0	0	0	7	0	0
Access Pro Medical, LLC	\$75,925.64	\$0.00	\$0.00	\$0.00	920	0	0	0	571	0	116
Access Vascular Inc	\$20,415.64	\$0.00	\$58,498.29	\$858,825.48	19	0	9	9	20	0	4
Acclarent, Inc	\$553,399.21	\$0.00	\$0.00	\$0.00	4,131	0	0	0	1,598	5	188
Accord Healthcare, Inc.	\$225,323.47	\$1,000.00	\$0.00	\$0.00	3,431	2	0	0	1,312	0	504
Accriva Diagnostics Inc.	\$1,600.00	\$33,389.64	\$0.00	\$0.00	2	2	0	0	2	0	0
Accufix Surgical Inc.	\$23,542.04	\$0.00	\$0.00	\$0.00	50	0	0	0	45	0	0
AcelRx Pharmaceuticals, Inc.	\$23,007.38	\$1,750.00	\$0.00	\$0.00	30	1	0	0	23	0	3
Acella Pharmaceuticals, LLC	\$129,901.53	\$0.00	\$0.00	\$0.00	1,458	0	0	0	567	0	735
Acera Surgical, Inc.	\$352,697.33	\$795,737.10	\$0.00	\$0.00	2,631	66	0	0	1,489	7	257
Acerta Pharma LLC	\$0.00	\$9,786,133.65	\$0.00	\$0.00	0	237	0	0	0	20	0
Acerus Pharmaceuticals Corporation	\$219.20	\$0.00	\$0.00	\$0.00	12	0	0	0	8	0	4
Acessa Health Inc.	\$2,208,585.18	\$997,003.50	\$0.00	\$0.00	1,198	4	0	0	56	1	0
Acorda Therapeutics, Inc	\$531,566.85	\$0.00	\$0.00	\$0.00	5,237	0	0	0	1,415	11	694
Acrotech Biopharma Inc.	\$401,424.10	\$3,579,361.25	\$0.00	\$0.00	1,217	537	0	0	557	8	356
Actelion Pharmaceuticals US, Inc.	\$4,894,800.34	\$0.00	\$0.00	\$0.00	29,732	0	0	0	6,651	22	3,706
Actelion Pharmaceuticals, Ltd	\$101,355.26	\$0.00	\$0.00	\$0.00	109	0	0	0	17	0	1

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Acteon Inc	\$72,838.98	\$0.00	\$0.00	\$0.00	189	0	0	0	150	0	0
Activ Surgical, Inc.	\$81,787.92	\$116,177.41	\$0.00	\$0.00	92	3	0	0	61	1	4
Active Medical, LLC	\$28,820.93	\$0.00	\$0.00	\$0.00	103	0	0	0	51	0	3
Actuated Medical, Inc.	\$27,638.11	\$139,896.50	\$0.00	\$0.00	11	3	0	0	9	2	0
Acuity Surgical Devices, LLC	\$370,668.94	\$0.00	\$0.00	\$0.00	37	0	0	0	28	0	0
Acutus Medical, Inc.	\$1,049,637.12	\$86,305.99	\$0.00	\$0.00	450	39	0	0	126	18	11
Adaptive Biotechnologies Corporation	\$471,697.88	\$939,600.00	\$0.00	\$0.00	3,098	489	0	0	1,226	23	796
Additive Implants, Inc.	\$0.00	\$2,000.00	\$0.00	\$0.00	0	1	0	0	1	0	0
Adlon Therapeutics L.P.	\$0.00	\$91,847.40	\$0.00	\$0.00	0	6	0	0	0	0	0
Advanced Accelerator Applications	\$7,896,689.93	\$0.00	\$0.00	\$0.00	257	0	0	0	0	1	0
Advanced Bionics, LLC	\$128,518.94	\$196,346.11	\$0.00	\$0.00	389	10	0	0	210	8	22
Advanced Critical Devices, Inc.	\$1,230.18	\$0.00	\$0.00	\$0.00	21	0	0	0	20	0	1
Advanced Oxygen Therapy Inc.	\$140,094.67	\$0.00	\$0.00	\$0.00	754	0	0	0	449	0	180
Advanced Sterilization Products Services Inc.	\$268,402.27	\$0.00	\$0.00	\$0.00	35	0	0	0	10	1	4
Aegis Spine, Inc.	\$155,002.75	\$0.00	\$0.00	\$989,604.00	4	0	6	6	10	0	1
Aerin Medical Inc.	\$525,764.62	\$406,925.51	\$0.00	\$0.00	4,373	149	0	0	1,586	0	122
Aero US Inc	\$31,368.47	\$0.00	\$0.00	\$0.00	32	0	0	0	19	0	1
Aesculap AG	\$845,956.70	\$0.00	\$0.00	\$0.00	27	0	0	0	7	0	0
Aesculap Biologics, LLC	\$4,717.83	\$1,179,131.33	\$0.00	\$0.00	31	143	0	0	17	6	1
Aesculap Implant Systems, LLC	\$626,430.01	\$7,499.92	\$0.00	\$0.00	512	7	0	0	94	13	4
Aesculap, Inc.	\$543,299.99	\$0.00	\$0.00	\$0.00	833	0	0	0	184	56	83
Aeterna Zentaris Inc.	\$0.00	\$264,276.99	\$0.00	\$0.00	0	24	0	0	0	0	0
Afaxys, Inc.	\$2,385.22	\$0.00	\$0.00	\$0.00	8	0	0	0	6	0	2
Affordable Pharmaceuticals, LLC	\$623,221.48	\$0.00	\$0.00	\$0.00	7	0	0	0	2	0	0
Agfa HealthCare Corporation	\$237,031.05	\$0.00	\$0.00	\$0.00	36	0	0	0	13	10	0
Agile Therapeutics, Inc.	\$137,644.50	\$0.00	\$25.35	\$48.75	5,233	0	1	1	2,059	0	1,203
Agilent Technologies, Inc.	\$1,246,087.71	\$0.00	\$0.00	\$0.00	327	0	0	0	42	6	0
Agiliti Health, Inc.	\$1,026.57	\$0.00	\$0.00	\$0.00	28	0	0	0	17	0	8
Agiliti Surgical, Inc.	\$20,697.99	\$0.00	\$0.00	\$0.00	469	0	0	0	328	0	57
Agios Pharmaceuticals, Inc.	\$1,282,842.32	\$4,103,381.59	\$0.00	\$0.00	1,795	647	0	0	773	30	487
Aidoc Medical Ltd	\$23,461.68	\$0.00	\$123,390.00	\$123,390.00	43	0	4	4	46	0	1
Aimmune Therapeutics, Inc.	\$184,077.22	\$563,774.05	\$0.00	\$0.00	1,830	238	0	0	1,060	17	386

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Air Techniques, Inc.	\$19,188.25	\$0.00	\$0.00	\$0.00	50	0	0	0	28	0	0
Akcea Therapeutics, Inc.	\$0.00	\$1,024,937.19	\$0.00	\$0.00	0	96	0	0	0	7	0
Alafair Biosciences, Inc.	\$170,030.46	\$0.00	\$0.00	\$10,550,162.00	440	0	28	28	286	1	23
Alcon Puerto Rico Inc	\$11,911.90	\$0.00	\$0.00	\$0.00	185	0	0	0	147	0	0
Alcon Research LLC	\$2,229,627.11	\$13,333,536.74	\$0.00	\$0.00	583	5,827	0	0	206	6	0
Alcon Vision LLC	\$13,062,974.75	\$0.00	\$0.00	\$0.00	94,222	0	0	0	28,060	19	215
Alcresta Therapeutics, Inc.	\$286,203.06	\$35,750.00	\$0.00	\$0.00	843	1	0	0	379	5	231
Alevio, LLC	\$213,272.48	\$0.00	\$0.00	\$0.00	54	0	0	0	40	0	0
Alexion Pharmaceuticals, Inc.	\$9,815,866.17	\$38,408,432.19	\$0.00	\$0.00	38,853	653	0	0	11,541	100	6,207
Align Technology, Inc.	\$17,089,930.27	\$0.00	\$0.00	\$0.00	55,681	0	0	0	21,099	23	1
Alimera Sciences, Inc.	\$557,237.99	\$82,755.02	\$0.00	\$0.00	3,260	18	0	0	1,267	1	0
Alkermes, Inc.	\$13,004,549.53	\$13,045,072.43	\$0.00	\$0.00	94,005	1,303	0	0	8,501	34	14,706
Allerderm Laboratories	\$4,500.00	\$87,149.37	\$0.00	\$28,496,318.00	3	2	2	2	5	2	0
Allergan, Inc.	\$1,002,102.50	\$0.00	\$0.00	\$0.00	1,077	0	0	0	463	0	125
Alliance Partners LLC	\$15,956.84	\$0.00	\$0.00	\$0.00	153	0	0	0	2	0	0
Allotrope Medical, Inc	\$599.64	\$0.00	\$0.00	\$0.00	8	0	0	0	8	0	0
Almatica Pharma LLC	\$270,922.03	\$0.00	\$0.00	\$0.00	14,367	0	0	0	3,184	0	3,209
Almirall LLC	\$430,309.76	\$432,411.50	\$0.00	\$0.00	5,565	6	0	0	1,648	0	1,503
Alnylam Pharmaceuticals Inc.	\$6,027,768.54	\$42,656,147.80	\$0.00	\$0.00	18,909	30,311	0	0	6,142	54	3,875
Alpha Orthopedic Systems	\$57,242.18	\$0.00	\$0.00	\$0.00	622	0	0	0	236	1	52
Alphatec Spine, Inc	\$13,110,979.40	\$0.00	\$0.00	\$0.00	6,156	0	0	0	1,077	0	53
AltaThera Pharmaceuticals LLC	\$161,215.79	\$0.00	\$0.00	\$0.00	608	0	0	0	364	0	176
Altus Partners. LLC	\$513,790.51	\$0.00	\$0.00	\$0.00	30	0	0	0	22	0	0
Alvogen Inc	\$18,010.23	\$0.00	\$0.00	\$0.00	896	0	0	0	440	0	192
Amarin Pharma Inc.	\$390,088.35	\$0.00	\$0.00	\$0.00	6,126	0	0	0	2,493	1	1,407
Amaros Medical	\$0.00	\$0.00	\$1,147.50	\$550,125.00	0	0	6	6	6	0	0
Ambu A/S	\$132,386.62	\$0.00	\$0.00	\$0.00	52	0	0	0	45	0	2
Ambu Inc.	\$259,251.76	\$0.00	\$0.00	\$0.00	1,689	0	0	0	1,109	4	209
Ambu Innovation GmbH	\$36,204.28	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
American Medical & Dental Supplies, Inc.	\$54,409.00	\$0.00	\$0.00	\$0.00	376	0	0	0	372	0	0
American National Red Cross	\$8,621.25	\$0.00	\$0.00	\$0.00	47	0	0	0	10	5	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
American Orthodontics Corporation	\$356,193.03	\$0.00	\$0.00	\$0.00	5,836	0	0	0	2,734	0	1
American Regent	\$60,773.29	\$1,935,729.19	\$0.00	\$0.00	69	317	0	0	38	28	6
American Rheumatology Network, LLC	\$2,810,550.47	\$0.00	\$0.00	\$16,524,392.95	16	0	6	6	6	0	0
Amgen Inc.	\$26,618,731.86	\$130,483,656.31	\$0.00	\$0.00	376,022	1,032	0	0	62,415	94	40,559
Amicus Therapeutics, Inc.	\$279,216.96	\$4,614,549.82	\$0.00	\$0.00	221	387	0	0	112	8	21
Amneal Pharmaceuticals LLC	\$924,687.60	\$1,351,110.28	\$0.00	\$0.00	19,621	60	0	0	4,764	15	2,590
Amnio Technology, LLC	\$32,269.36	\$0.00	\$0.00	\$0.00	20	0	0	0	6	0	0
Amphastar Pharmaceuticals, Inc.	\$18,317.68	\$2,461,129.14	\$0.00	\$0.00	248	18	0	0	148	0	81
Amplify Surgical, Inc.	\$48,649.45	\$0.00	\$15,844,997.00	\$7,342,509.69	95	0	57	57	71	0	1
Amplitude Vascular Systems, Inc.	\$8,938.58	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Amryt Pharma Holdings Ltd	\$2,298,542.90	\$743,554.90	\$0.00	\$0.00	2,285	271	0	0	960	20	448
Amylyx Pharmaceuticals, Inc.	\$1,554,660.06	\$0.00	\$0.00	\$0.00	2,251	0	0	0	607	12	388
AnX Robotica Corp	\$37,347.85	\$0.00	\$0.00	\$0.00	26	0	0	0	22	0	1
Ancora Heart, Inc.	\$213,870.73	\$0.00	\$0.00	\$0.00	862	0	0	0	210	0	31
AngioDynamics, Inc.	\$14,458,752.79	\$2,741,882.53	\$0.00	\$0.00	12,246	314	0	0	4,109	180	852
Anika Therapeutics, Inc.	\$1,608,203.69	\$72,436.76	\$0.00	\$0.00	1,364	12	0	0	588	3	35
Annalise-AI Pty Ltd	\$5,200.00	\$150,358.00	\$0.00	\$0.00	14	3	0	0	17	0	0
Ansell Healthcare Products LLC	\$26,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	1
Antares Pharma, Inc.	\$707,579.01	\$7,690.64	\$0.00	\$0.00	11,766	2	0	0	4,092	0	2,717
Apellis Pharmaceuticals, Inc.	\$3,911,180.64	\$12,966,397.71	\$0.00	\$0.00	9,285	1,217	0	0	4,032	28	502
Apollo Endosurgery US Inc	\$428,505.55	\$0.00	\$0.00	\$0.00	1,453	0	0	0	505	3	61
Apotex Inc.	\$2,349.26	\$115,978.95	\$0.00	\$0.00	1	31	0	0	7	2	0
Applied Medical Corporation	\$71,425.22	\$0.00	\$0.00	\$8,549,461.98	8	0	22	22	20	0	0
Applied Medical Resources Corporation	\$2,131,587.00	\$7,312.50	\$0.00	\$0.00	2,766	1	0	0	706	11	8
Aprecia Pharmaceuticals, LLC	\$8,824.70	\$0.00	\$0.00	\$0.00	474	0	0	0	234	0	109
Aptis Medical, LLC	\$349,910.97	\$0.00	\$400,000.00	\$2,973,841.00	29	0	1	1	21	0	0
Apyx Medical Corporation	\$0.01	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Arbutus Medical, Inc	\$28,335.21	\$0.00	\$0.00	\$0.00	6	0	0	0	3	1	1
Archimmune Therapeutics Inc.	\$41,245.48	\$0.00	\$0.00	\$141,138.66	6	0	1	1	1	0	0
Arcutis Biotherapeutics, Inc.	\$4,279,499.43	\$5,008,792.04	\$0.00	\$0.00	37,215	1,473	0	0	4,826	7	4,259
Ardelyx, Inc.	\$1,392,899.97	\$20,226.00	\$0.00	\$0.00	24,541	6	0	0	5,361	4	3,608
Arena Pharmaceuticals, Inc.	\$35,445.00	\$1,955,696.19	\$0.00	\$0.00	20	1,310	0	0	11	19	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Ares Trading SA	\$125,827.16	\$1,194,450.87	\$0.00	\$0.00	45	910	0	0	21	19	0
Arineta, Inc	\$22,310.34	\$0.00	\$0.00	\$0.00	22	0	0	0	21	0	0
Arjo Inc.	\$64,250.37	\$0.00	\$0.00	\$0.00	13	0	0	0	2	8	2
Aroa Biosurgery Incorporated	\$601,820.28	\$0.00	\$0.00	\$0.00	2,658	0	0	0	1,276	0	308
Arrow International, Inc.	\$179,839.50	\$357,113.05	\$0.00	\$0.00	103	33	0	0	30	10	1
Arteriocyte Medical Systems, Inc.	\$2,593,404.27	\$19,325.00	\$0.00	\$0.00	388	3	0	0	290	0	77
Arthrex, Inc.	\$114,714,930.87	\$3,188,198.23	\$0.00	\$0.00	47,935	268	0	0	3,929	25	436
Artivion, Inc.	\$386,435.93	\$868,966.80	\$0.00	\$0.00	1,540	127	0	0	574	6	44
Asahi Kasei Pharma Corporation	\$11,250.00	\$2,750.00	\$0.00	\$0.00	1	1	0	0	1	1	0
Ascend Laboratories LLC	\$60,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Ascendis Pharma Inc	\$1,403,988.93	\$3,665,354.09	\$0.00	\$0.00	4,031	297	0	0	1,249	25	408
Ascensia Diabetes Care US Inc.	\$178,601.42	\$0.00	\$0.00	\$0.00	2,785	0	0	0	781	0	506
Asensus Surgical, Inc.	\$301,185.70	\$40,208.30	\$18,609.01	\$9,756.18	363	2	1	1	127	3	14
Asklepios Biopharmaceutical Inc.	\$16,075,857.16	\$0.00	\$0.00	\$0.00	12	0	0	0	12	0	0
Aspen Surgical Products, Inc.	\$1,516.31	\$0.00	\$0.00	\$0.00	8	0	0	0	5	0	0
Aspira Women's Health Inc	\$77,901.96	\$0.00	\$0.00	\$0.00	2,057	0	0	0	1,216	0	392
Astellas Pharma Global Development	\$384,570.19	\$9,683,369.66	\$0.00	\$0.00	410	1,737	0	0	307	37	109
Astellas Pharma Inc	\$59,643.45	\$4,390,441.32	\$0.00	\$0.00	26	2,019	0	0	8	7	0
Astellas Pharma US Inc	\$9,825,373.30	\$0.00	\$0.00	\$0.00	133,558	0	0	0	35,437	34	18,420
Astellas US Technologies	\$0.00	\$5,543,328.00	\$0.00	\$0.00	0	38	0	0	0	3	0
AstraZeneca AB	\$1,187,527.78	\$547,379.75	\$0.00	\$0.00	148	23	0	0	50	11	0
AstraZeneca Pharmaceuticals LP	\$56,480,989.00	\$331,133,969.83	\$0.00	\$0.00	463,816	5,192	0	0	73,957	233	48,499
AstraZeneca UK Limited	\$27,187,936.90	\$123,708,316.91	\$0.00	\$0.00	2,268	1,917	0	0	531	98	23
Asuragen, Inc.	\$6,122.66	\$0.00	\$0.00	\$0.00	3	0	0	0	1	1	0
Athena Bioscience, LLC	\$2,797.11	\$0.00	\$0.00	\$0.00	215	0	0	0	137	0	81
Atlas Spine, Inc.	\$18,805.84	\$0.00	\$0.00	\$2,655,490.00	4	0	23	23	27	0	0
Atos Medical Inc	\$23,698.87	\$7,635.75	\$0.00	\$0.00	42	17	0	0	22	9	8
AtriCure, Inc.	\$22,417,039.39	\$1,938,308.13	\$0.00	\$0.00	25,127	938	0	0	5,374	28	3,627
Atrillity Medical, Inc.	\$947.29	\$0.00	\$0.00	\$0.00	27	0	0	0	17	0	2
Atrium Medical Corporation	\$10,514.30	\$0.00	\$0.00	\$0.00	7	0	0	0	5	1	0
Aucta Pharmaceuticals, Inc.	\$1,500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Augmedics Inc.	\$261,808.68	\$0.00	\$154,997.02	\$6,105,151.49	578	0	18	18	230	0	42

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Aurinia Pharma U.S., Inc.	\$1,722,758.41	\$2,097,571.53	\$0.00	\$0.00	15,273	209	0	0	4,287	16	1,365
Aurora Spine, Inc.	\$882,398.93	\$0.00	\$0.00	\$0.00	113	0	0	0	23	0	0
Austin Medical Ventures Inc	\$132,776.18	\$0.00	\$0.00	\$0.00	18	0	0	0	10	0	0
Avadel CNS Pharmaceuticals, LLC	\$352,103.36	\$0.00	\$0.00	\$0.00	1,575	0	0	0	657	0	410
Avanos Medical	\$638,059.31	\$147,255.70	\$0.00	\$0.00	3,860	30	0	0	1,957	0	812
Avantec Vascular Corporation	\$2,635.65	\$0.00	\$0.00	\$0.00	24	0	0	0	24	0	0
Averitas Pharma Inc.	\$1,396,948.17	\$978,414.71	\$0.00	\$0.00	13,902	456	0	0	4,815	1	2,709
Avertix Medical, Inc	\$151,899.92	\$0.00	\$0.00	\$0.00	11	0	0	0	11	0	0
Avid Radiopharmaceuticals, Inc.	\$61,967.93	\$713,343.47	\$0.00	\$0.00	13	3	0	0	7	0	1
Avinger Inc.	\$28,569.36	\$0.00	\$0.00	\$0.00	657	0	0	0	200	0	33
Avion Pharmaceuticals	\$115,567.22	\$529,763.83	\$0.00	\$0.00	6,171	68	0	0	2,916	0	1,448
Avita Medical Americas, LLC	\$663,712.16	\$1,106,618.10	\$0.00	\$0.00	1,234	102	0	0	407	11	144
Avitus Orthopaedics, Inc.	\$86,840.45	\$0.00	\$0.00	\$52,848.00	30	0	3	3	19	1	0
AxioMed LLC	\$733.41	\$0.00	\$0.00	\$5,800,000.00	3	0	15	15	17	0	0
Axis Spine Technologies Inc.	\$98,082.11	\$0.00	\$0.00	\$0.00	44	0	0	0	16	0	0
Axonics, Inc.	\$1,386,195.88	\$196,183.07	\$0.00	\$0.00	24,924	98	0	0	5,992	6	2,594
Axsome Therapeutics, Inc.	\$8,746,788.52	\$751,063.65	\$0.00	\$0.00	72,832	20	0	0	10,258	4	13,468
Aytu BioPharma, Inc.	\$10,959.15	\$70,487.87	\$0.00	\$0.00	631	7	0	0	283	2	128
Aziyo Biologics, Inc.	\$234,614.21	\$196,473.95	\$0.00	\$0.00	978	99	0	0	366	0	121
Azurity Pharmaceuticals, Inc.	\$246,718.99	\$2,048,463.11	\$0.00	\$0.00	11,561	41	0	0	4,112	6	2,597
B. Braun Interventional Systems Inc.	\$100,956.20	\$10,125.00	\$0.00	\$0.00	284	1	0	0	116	9	26
B. Braun Medical Inc.	\$48,450.92	\$55,940.03	\$0.00	\$0.00	74	9	0	0	16	21	16
B. Braun Melsungen AG	\$164,872.84	\$0.00	\$0.00	\$0.00	6	0	0	0	4	0	0
BIOLASE, INC.	\$1,073,748.60	\$0.00	\$0.00	\$0.00	1,871	0	0	0	1,324	0	2
BIOTRONIK INC.	\$3,073,559.68	\$2,502,244.25	\$0.00	\$0.00	11,575	7,827	0	0	2,291	132	360
BIOTRONIK NRO, Inc.	\$162,171.24	\$59,076.46	\$0.00	\$0.00	1,932	5	0	0	516	1	159
BK Medical Holding Company Inc.	\$140,399.11	\$0.00	\$0.00	\$0.00	98	0	0	0	67	0	8
BONE SUPPORT AB	\$0.00	\$55,971.50	\$0.00	\$0.00	0	9	0	0	0	2	0
BRACCO DIAGNOSTICS INC.	\$297,532.57	\$200,519.43	\$0.00	\$0.00	226	21	0	0	150	10	13
BREG, INC	\$6,262.13	\$0.00	\$0.00	\$0.00	92	0	0	0	75	0	17
BTG International, Inc.	\$590,863.91	\$814,824.24	\$0.00	\$0.00	452	14	0	0	128	7	117

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
BUXTON BIOMEDICAL	\$3,332.24	\$0.00	\$0.00	\$0.00	3	0	0	0	2	1	0
Balt USA, LLC	\$408,993.76	\$1,416,369.40	\$0.00	\$0.00	1,420	205	0	0	535	6	13
Banner Life Sciences, LLC	\$106,829.32	\$12,865.50	\$0.00	\$0.00	2,986	2	0	0	752	0	379
Barco, Inc.	\$169,391.51	\$5,000.00	\$0.00	\$0.00	28	1	0	0	0	22	0
Bard Access Systems, Inc.	\$35,193.38	\$0.00	\$0.00	\$0.00	41	0	0	0	30	0	1
Bard Peripheral Vascular, Inc.	\$4,093,215.43	\$819,138.72	\$0.00	\$0.00	8,484	80	0	0	3,320	19	658
Bausch & Lomb Americas Inc.	\$10,813,606.37	\$1,145,129.99	\$0.00	\$0.00	66,545	96	0	0	22,642	12	232
Bausch Health US, LLC	\$562,428.29	\$6,786,575.75	\$0.00	\$0.00	9,811	1,105	0	0	1,989	13	2,019
Bavarian Nordic A/S	\$113,952.08	\$100,171,136.22	\$0.00	\$0.00	79	6,378	0	0	46	6	8
Baxter Healthcare	\$4,197,082.20	\$2,029,799.45	\$0.00	\$0.00	25,398	92	0	0	10,663	186	4,418
Bayer HealthCare LLC	\$320,770.01	\$1,246,320.57	\$0.00	\$0.00	217	25	0	0	90	0	5
Bayer HealthCare Pharmaceuticals Inc.	\$11,620,135.39	\$35,716,290.90	\$0.00	\$0.00	186,071	8,017	0	0	38,728	78	25,801
Bayer Puerto Rico Inc.	\$15,681.59	\$0.00	\$0.00	\$0.00	703	0	0	0	246	0	2
Baylis Medical Technologies Inc.	\$14,114.17	\$0.00	\$0.00	\$0.00	70	0	0	0	60	0	10
Beaver-Visitec International, Inc.	\$103,315.24	\$2,700,940.67	\$0.00	\$0.00	459	20	0	0	302	0	0
Beckman Coulter, Inc.	\$5,890,390.86	\$2,854,512.90	\$0.00	\$0.00	373	80	0	0	191	13	10
Becton, Dickinson and Company	\$2,240,405.50	\$15,465,815.21	\$0.00	\$0.00	4,655	205	0	0	2,296	92	699
BeiGene (Suzhou) Co., Ltd.	\$17,843.12	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
BeiGene AUS Pty Ltd	\$0.00	\$2,643,233.00	\$0.00	\$0.00	0	592	0	0	0	3	0
BeiGene Switzerland GmbH	\$15,430.00	\$2,861,762.72	\$0.00	\$0.00	4	41	0	0	3	1	0
BeiGene USA, Inc.	\$3,326,072.54	\$4,575,786.36	\$0.00	\$0.00	10,189	1,214	0	0	2,784	18	2,051
BeiGene, Ltd.	\$370,959.05	\$70,145,209.82	\$327,984.48	\$594,105.84	53	5,469	1	1	32	37	1
Belmont Instrument LLC	\$7,950.50	\$0.00	\$0.00	\$0.00	8	0	0	0	2	4	0
Benco Dental Supply Co.	\$163,800.16	\$0.00	\$0.00	\$0.00	1,664	0	0	0	1,268	0	1
Berman Instruments LLC	\$0.00	\$0.00	\$0.00	\$9.00	0	0	9	9	9	0	0
Bernhard Foerster GmbH	\$272,813.00	\$0.00	\$0.00	\$0.00	20	0	0	0	8	0	0
Besins Healthcare Ireland Limited	\$90,562.34	\$0.00	\$0.00	\$0.00	16	0	0	0	6	0	0
Beyond Air, Inc.	\$8,432.13	\$4,800.00	\$0.00	\$0.00	5	2	0	0	7	0	0
Biedermann Motech, Inc.	\$26,483.84	\$0.00	\$0.00	\$0.00	91	0	0	0	47	0	0
Bigfoot Biomedical Inc	\$10,290.64	\$549,642.01	\$0.00	\$0.00	116	13	0	0	38	0	25
Bio Products Laboratory USA, Inc.	\$63,571.62	\$0.00	\$0.00	\$0.00	880	0	0	0	389	0	114
Bio-Rad Laboratories, Inc.	\$798,824.97	\$0.00	\$0.00	\$0.00	1,174	0	0	0	8	146	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
BioCryst Pharmaceuticals, Inc.	\$282,130.37	\$38,210.02	\$0.00	\$0.00	138	11	0	0	37	1	2
BioCryst US Sales Co., LLC	\$667,871.30	\$0.00	\$0.00	\$0.00	5,718	0	0	0	1,495	3	524
BioFire Diagnostics, LLC	\$201,095.40	\$1,285,721.43	\$0.00	\$0.00	89	45	0	0	25	6	1
BioHorizons Implant Systems Inc.	\$1,750,543.52	\$0.00	\$0.00	\$0.00	11,395	0	0	0	5,157	0	3
BioMarin Pharmaceutical Inc.	\$2,328,213.01	\$6,146,346.34	\$0.00	\$0.00	2,349	755	0	0	736	30	263
BioNTech SE	\$367,849,343.33	\$15,525,887.44	\$0.00	\$0.00	198	2,625	0	0	56	24	0
BioPoly LLC	\$24,333.08	\$0.00	\$500,000.00	\$500,000.00	32	0	1	1	32	0	1
BioPro, Inc.	\$77,151.49	\$0.00	\$0.00	\$0.00	134	0	0	0	58	0	0
BioTissue Holdings, Inc.	\$1,545,274.33	\$1,879,179.78	\$0.00	\$0.00	11,844	2,899	0	0	5,701	17	111
BioXcel Therapeutics, Inc.	\$1,023,470.36	\$3,427,838.39	\$0.00	\$0.00	4,715	70	0	0	1,635	2	893
Biocartis US, Inc	\$8,797.89	\$0.00	\$0.00	\$0.00	23	0	0	0	16	0	0
Biocodex, Inc.	\$130,822.13	\$0.00	\$0.00	\$0.00	378	0	0	0	139	0	72
Biocomposites Inc	\$99,544.18	\$0.00	\$0.00	\$0.00	509	0	0	0	388	0	2
Biocon Biologics Inc	\$3,958.31	\$0.00	\$0.00	\$0.00	185	0	0	0	121	0	61
Biofrontera Bioscience GmbH	\$448.00	\$0.00	\$0.00	\$0.00	6	0	0	0	3	0	0
Biofrontera Inc.	\$211,726.88	\$89,390.00	\$0.00	\$0.00	5,566	8	0	0	1,841	1	1,575
Biogen, Inc.	\$12,672,657.50	\$47,648,053.80	\$0.00	\$0.00	33,897	516	0	0	5,585	72	2,709
Biogenix, LLC	\$333,836.07	\$0.00	\$0.00	\$0.00	36	0	0	0	28	0	0
Biohaven Pharmaceutical Holding Company Ltd.	\$9,275.00	\$5,325,260.56	\$0.00	\$0.00	17	2,081	0	0	9	16	4
Biolife, L.L.C.	\$11,264.53	\$0.00	\$0.00	\$175,000.00	6	0	1	1	2	1	2
Biomimetic Innovations Limited	\$2,000.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Bionova Medical Inc	\$0.00	\$0.00	\$410,184.86	\$641,860.94	0	0	3	3	3	0	0
Biosense Webster, Inc.	\$2,902,499.30	\$4,464,134.38	\$0.00	\$0.00	22,114	459	0	0	2,919	44	821
Biotest AG	\$58,812.02	\$0.00	\$0.00	\$0.00	8	0	0	0	8	0	0
Bioventus LLC	\$1,033,161.88	\$415,906.03	\$0.00	\$0.00	10,266	55	0	0	5,174	1	2,195
Bisco, Inc.	\$194,679.06	\$0.00	\$0.00	\$0.00	93	0	0	0	39	0	0
Blackford Analysis Inc.	\$191,650.29	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Blue Earth Diagnostics Limited	\$440,343.42	\$771,176.53	\$0.00	\$0.00	3,020	90	0	0	1,419	7	459
Blue Sky Bio, LLC	\$282,400.00	\$0.00	\$50,000.00	\$8,837,093.51	4	0	2	2	6	0	0
BlueRock Therapeutics LP	\$124,742.63	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Blueprint Medicines Corporation	\$1,965,960.18	\$14,428,689.67	\$4,664,013.29	\$536,098.88	7,971	924	1	1	2,838	28	1,487
Body Vision Medical Inc.	\$35,832.87	\$0.00	\$0.00	\$0.00	131	0	0	0	54	0	5

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Boehringer Ingelheim International GmbH	\$4,732,766.58	\$7,284,781.46	\$0.00	\$0.00	2,574	849	0	0	403	31	18
Boehringer Ingelheim Pharma GmbH & Co.KG	\$78,416.46	\$1,987,526.59	\$0.00	\$0.00	5	332	0	0	4	23	0
Boehringer Ingelheim Pharmaceuticals, Inc.	\$17,100,705.80	\$73,724,782.29	\$0.00	\$0.00	205,152	1,585	0	0	47,196	106	29,155
Boehringer Ingelheim RCV GmbH & Co KG	\$212,030.09	\$223,741.88	\$0.00	\$0.00	70	92	0	0	12	4	0
Bolder Surgical, LLC	\$34,560.48	\$0.00	\$0.00	\$0.00	24	0	0	0	20	0	0
Bolton Medical Inc	\$1,092,224.83	\$870,896.32	\$0.00	\$0.00	3,395	119	0	0	1,066	26	168
Bone Support Inc.	\$439,997.47	\$0.00	\$0.00	\$0.00	162	0	0	0	58	1	3
Boston Scientific Corporation	\$46,425,613.86	\$33,863,482.07	\$0.00	\$0.00	228,919	6,611	0	0	45,489	191	19,829
Braeburn Inc.	\$343,641.01	\$0.00	\$0.00	\$0.00	3,329	0	0	0	908	0	1,242
Brahms GmbH	\$243,914.88	\$229,978.41	\$0.00	\$0.00	26	41	0	0	3	5	0
BrainScope Company, Inc.	\$61,220.18	\$52,094.37	\$783,939.17	\$3,776,819.22	211	3	50	50	216	3	40
Brainlab, Inc.	\$704,600.53	\$0.00	\$0.00	\$0.00	391	0	0	0	208	2	0
Brainsway USA INC	\$104,983.65	\$0.00	\$0.00	\$0.00	417	0	0	0	226	0	177
Braintree Laboratories, Inc.	\$740,931.65	\$7,425.00	\$0.00	\$0.00	7,069	8	0	0	2,790	1	1,809
Breas Medical, Inc.	\$13,283.75	\$0.00	\$0.00	\$0.00	97	0	0	0	82	0	10
Bristol Myers Squibb Company	\$887,093.58	\$0.00	\$0.00	\$0.00	124	0	0	0	32	1	0
C. R. Bard, Inc. & Subsidiaries	\$518,567.19	\$458,434.97	\$0.00	\$0.00	3,640	22	0	0	1,179	12	440
CAIRE Inc.	\$1,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
CANON MEDICAL RESEARCH USA INC.	\$0.00	\$181,523.00	\$0.00	\$0.00	0	5	0	0	0	2	0
CARDIVA MEDICAL, INC.	\$270,113.64	\$2,500.00	\$0.00	\$0.00	6,571	1	0	0	2,653	5	738
CDC Medical LLC	\$19,258.94	\$0.00	\$0.00	\$0.00	234	0	0	0	98	0	7
CELTIC BIODEVICES LLC	\$132,600.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
CG&B, LLC	\$0.00	\$0.00	\$0.00	\$555,414.35	0	0	3	3	3	0	0
CGG Medical Inc	\$137,952.10	\$0.00	\$0.00	\$0.00	476	0	0	0	145	0	37
CIT Ortho LLC	\$1,000.00	\$7,350.00	\$0.00	\$0.00	1	3	0	0	3	0	0
CIVCO Medical Instruments	\$25,588.59	\$0.00	\$0.00	\$0.00	60	0	0	0	29	1	21
CLOZEX MEDICAL INC	\$370.84	\$0.00	\$0.00	\$169,654.00	5	0	5	5	8	0	1
CMP Pharma, Inc.	\$31,943.15	\$0.00	\$0.00	\$0.00	650	0	0	0	254	0	140
CONMED Corporation	\$788,746.41	\$223,153.00	\$0.00	\$0.00	2,823	12	0	0	2,004	7	2
CORDIS US CORP.	\$1,252,354.18	\$2,297,830.27	\$0.00	\$0.00	2,307	73	0	0	1,089	5	230
CPM Medical Consultants, LLC	\$3,763.31	\$0.00	\$0.00	\$0.00	59	0	0	0	49	0	6
CSL Behring	\$4,142,499.77	\$73,953,561.56	\$0.00	\$0.00	24,265	7,344	0	0	6,616	117	3,285

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
CSL Plasma Inc.	\$15,766,419.53	\$0.00	\$0.00	\$0.00	11,718	0	0	0	244	0	0
CTI BioPharma Corp.	\$1,191,915.36	\$325,308.28	\$0.00	\$0.00	4,104	45	0	0	1,552	24	914
CTL Medical Corporation	\$592,856.31	\$0.00	\$0.00	\$0.00	239	0	0	0	78	0	8
CVRx, Inc.	\$1,234,615.82	\$0.00	\$0.00	\$0.00	11,514	0	0	0	3,091	0	1,762
Cadwell Industries, INC	\$21,279.51	\$0.00	\$0.00	\$0.00	68	0	0	0	47	0	2
Cagent Vascular INC	\$82,555.51	\$0.00	\$0.00	\$0.00	514	0	0	0	192	0	4
Cala Health, Inc.	\$455,329.36	\$49,002.67	\$45,105.55	\$47,169.88	434	1	2	2	280	2	101
Caldera Medical, Inc	\$193,630.74	\$0.00	\$0.00	\$0.00	1,638	0	0	0	747	0	7
Calliditas Therapeutics US Inc.	\$1,267,535.99	\$0.00	\$0.00	\$0.00	9,109	0	0	0	3,025	0	819
Calvary Spine, LLC	\$0.00	\$0.00	\$0.00	\$402,032.00	0	0	2	2	1	0	0
Calyxo, Inc.	\$190,207.85	\$239,023.70	\$0.00	\$1,210,920.00	242	55	5	5	161	6	27
Camber Spine Technologies LLC	\$158,229.46	\$0.00	\$0.00	\$0.00	363	0	0	0	111	0	14
Cambridge Interventional LLC	\$67,948.68	\$0.00	\$0.00	\$0.00	30	0	0	0	10	4	1
Canary Medical USA LLC	\$193,457.65	\$30,716.24	\$0.00	\$0.00	34	16	0	0	13	0	5
Canon Healthcare USA, INC.	\$1,710.45	\$0.00	\$0.00	\$0.00	6	0	0	0	3	1	0
Canon Inc.	\$0.00	\$9,692.00	\$0.00	\$0.00	0	1	0	0	1	0	0
Canon Medical Informatics, Inc.	\$8,912.76	\$35,038.00	\$0.00	\$0.00	12	2	0	0	10	1	0
Canon Medical Systems Corporation	\$22,382.00	\$1,063,511.76	\$0.00	\$0.00	19	6	0	0	5	4	0
Canon Medical Systems USA, Inc.	\$510,080.87	\$302,708.80	\$0.00	\$0.00	704	21	0	0	284	14	1
CapsoVision, Inc.	\$599,506.76	\$0.00	\$0.00	\$2,550,281.68	634	0	9	9	453	0	2
Caption Health, Inc.	\$149,326.53	\$0.00	\$0.00	\$0.00	17	0	0	0	14	0	1
Captiva Spine Inc	\$151,151.06	\$0.00	\$0.00	\$0.00	33	0	0	0	20	0	0
Carbofix Orthopedics Inc	\$23,257.71	\$0.00	\$35,954.00	\$0.00	237	0	24	24	179	0	1
Carbofix Spine Inc	\$10,427.12	\$0.00	\$3,891.00	\$0.00	68	0	11	11	63	0	1
Cardiac Dimensions, Inc.	\$7,809.01	\$0.00	\$0.00	\$0.00	82	0	0	0	60	0	5
Cardinal Health 108 LLC	\$975.36	\$0.00	\$0.00	\$0.00	18	0	0	0	11	0	3
Cardinal Health 110 LLC	\$19,785.34	\$0.00	\$0.00	\$0.00	74	0	0	0	46	0	0
Cardinal Health 200 LLC	\$25,281.14	\$133,262.52	\$0.00	\$0.00	38	5	0	0	18	3	7
Cardinal Health 414 LLC	\$295,669.44	\$382,673.19	\$0.00	\$0.00	282	9	0	0	152	2	27
Cardinal Health Inc	\$66,089.71	\$0.00	\$0.00	\$0.00	29	0	0	0	1	0	0
CardioFocus, Inc.	\$1,512,607.87	\$37,955.20	\$0.00	\$0.00	312	14	0	0	90	11	1
Cardiovascular Systems Inc.	\$452,916.88	\$1,131,489.13	\$0.00	\$0.00	3,092	203	0	0	1,582	28	251

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Carestream Dental, LLC	\$188,292.55	\$0.00	\$0.00	\$0.00	615	0	0	0	527	0	0
Carestream Health, Inc.	\$4,442.75	\$180,028.41	\$0.00	\$0.00	6	5	0	0	4	4	1
Carl Zeiss Meditec AG	\$632,972.30	\$0.00	\$0.00	\$0.00	28	0	0	0	5	0	0
Carl Zeiss Meditec Cataract Technology Inc.	\$175,773.68	\$0.00	\$0.00	\$0.00	261	0	0	0	95	0	21
Carl Zeiss Meditec Digital Innovations LLC	\$248,862.31	\$0.00	\$0.00	\$0.00	9	0	0	0	5	0	0
Carl Zeiss Meditec USA, Inc.	\$769,190.40	\$0.00	\$0.00	\$0.00	2,615	0	0	0	1,531	22	26
Carl Zeiss Meditec, Inc.	\$1,447,939.05	\$0.00	\$0.00	\$0.00	1,015	0	0	0	465	6	0
Carlsmed, Inc.	\$355,637.78	\$0.00	\$0.00	\$0.00	710	0	0	0	169	0	34
Carter BloodCare	\$28,411.41	\$0.00	\$0.00	\$0.00	92	0	0	0	2	5	0
Cartheal (2009) LTD.	\$2,448.01	\$35,490.40	\$0.00	\$667,985.60	31	19	2	2	29	2	0
CashFlow Solutions, LLC	\$119,369.34	\$0.00	\$0.00	\$0.00	1,283	0	0	0	573	10	116
Catalent Pharma Solutions, LLC	\$152.79	\$0.00	\$0.00	\$0.00	2	0	0	0	0	2	0
Catalyst OrthoScience	\$551,436.14	\$0.00	\$1,848,776.89	\$13,098,329.45	439	0	50	50	137	0	3
Catalyst Pharmaceuticals, Inc.	\$573,008.90	\$86,736.50	\$0.00	\$0.00	4,241	9	0	0	1,438	8	661
CathWorks, Inc.	\$439,274.46	\$188,947.00	\$24,567.50	\$228,642.50	307	52	1	1	212	1	3
CeQur Corporation	\$327,546.09	\$0.00	\$0.00	\$0.00	2,739	0	0	0	1,744	0	1,034
Celgene Corporation	\$8,552,802.74	\$84,099,143.31	\$0.00	\$0.00	103,116	1,924	0	0	12,877	127	6,745
Celltrion USA Inc.	\$78,603.41	\$0.00	\$0.00	\$0.00	2,094	0	0	0	1,028	0	615
Celltrion, Inc.	\$41,597.67	\$0.00	\$0.00	\$0.00	15	0	0	0	15	0	0
Centerline Biomedical Inc.	\$775,381.59	\$46,179.20	\$0.00	\$1,935,528.16	58	2	54	54	66	5	1
Centinel Spine, LLC	\$851,074.02	\$2,975,253.50	\$0.00	\$11,877,851.07	718	353	27	27	317	7	8
Central Admixture Pharmacy Services, Inc.	\$141,051.41	\$0.00	\$0.00	\$0.00	21	0	0	0	0	14	0
Central California Surgical Distributors, LLC	\$382,090.49	\$0.00	\$136,768.40	\$298,176.51	6	0	16	16	16	0	0
Centrix Inc	\$18,197.99	\$0.00	\$0.00	\$0.00	164	0	0	0	159	0	0
Cepheid	\$143,785.06	\$334,566.50	\$0.00	\$0.00	239	7	0	0	136	4	24
Cerapedics Inc.	\$673,601.67	\$319,370.30	\$0.00	\$0.00	1,743	84	0	0	730	8	148
Ceribell, Inc.	\$1,273,417.48	\$210,717.48	\$37,500.00	\$17,081,618.94	428	4	9	9	389	4	21
Cerus Corporation	\$331,076.20	\$3,228,336.36	\$0.00	\$0.00	387	123	0	0	165	8	72
Cerveau Technologies, Inc.	\$358.78	\$0.00	\$0.00	\$0.00	4	0	0	0	3	0	0
Change Healthcare Technologies, LLC	\$69,944.99	\$0.00	\$0.00	\$0.00	63	0	0	0	42	0	0
Channel Medsystems, Inc.	\$282,604.36	\$0.00	\$0.00	\$0.00	995	0	0	0	890	0	107
Checkpoint Surgical, Inc	\$294,607.19	\$0.00	\$0.00	\$1,300,512.72	639	0	14	14	567	9	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Chiesi USA, Inc.	\$2,525,587.37	\$10,519,109.76	\$0.00	\$0.00	8,200	3,812	0	0	3,141	53	2,291
Chitogel Limited	\$1,376.74	\$0.00	\$0.00	\$0.00	11	0	0	0	8	0	0
Choice Spine, LLC	\$859,103.46	\$0.00	\$0.00	\$0.00	147	0	0	0	63	0	2
ChromaCode, Inc	\$242,684.37	\$0.00	\$0.00	\$0.00	14	0	0	0	13	0	0
Chugai Pharmaceutical Co., Ltd.	\$326,957.82	\$0.00	\$0.00	\$0.00	124	0	0	0	38	1	0
Cidara Therapeutics, Inc.	\$22,187.50	\$1,483,116.05	\$0.00	\$0.00	9	18	0	0	6	1	0
Cipla USA Inc.	\$4,546.05	\$1,794,691.91	\$0.00	\$0.00	4	1,274	0	0	4	0	0
Circa Scientific, Inc.	\$800.00	\$0.00	\$0.00	\$405,900.00	1	0	5	5	6	0	0
Circassia Inc.	\$3,763.27	\$0.00	\$0.00	\$0.00	21	0	0	0	19	0	2
Circinus Medical Technology LLC	\$443.00	\$0.00	\$0.00	\$8,497,656.19	2	0	2	2	3	0	0
Citierre, Inc.	\$68,286.15	\$0.00	\$0.00	\$0.00	24	0	0	0	7	0	0
Civica, Inc.	\$1,133.55	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
Clariance SAS	\$72,118.21	\$0.00	\$0.00	\$0.00	26	0	0	0	10	0	0
Clariance, Inc.	\$86,222.77	\$0.00	\$0.00	\$0.00	200	0	0	0	45	0	2
Clarius Mobile Health Corp.	\$73,180.86	\$0.00	\$0.00	\$0.00	10	0	0	0	9	0	1
ClearFlow Inc.	\$152,309.39	\$0.00	\$0.00	\$0.00	61	0	0	0	32	0	5
ClearPoint Neuro, Inc.	\$531,461.32	\$0.00	\$0.00	\$699,410.74	286	0	5	5	70	12	0
Cleerly, Inc.	\$87,081.93	\$789.25	\$0.00	\$0.00	212	3	0	0	162	1	15
Clinical Laserthermia Systems Americas Inc.	\$5,096.75	\$59,356.00	\$0.00	\$0.00	57	3	0	0	29	0	3
Clinical Technology, Inc	\$37,236.73	\$0.00	\$0.00	\$0.00	21	0	0	0	17	0	4
Clinician's Choice Dental Products Inc.	\$65,510.84	\$0.00	\$0.00	\$0.00	64	0	0	0	23	0	0
Clinigen, Inc.	\$8,109.44	\$7,359,042.19	\$0.00	\$0.00	3	18	0	0	1	11	0
Clinisys, Inc.	\$8,569.44	\$0.00	\$0.00	\$0.00	10	0	0	0	4	2	0
Coala Life Inc	\$4,482.87	\$0.00	\$0.00	\$0.00	171	0	0	0	75	0	44
Coastal Medical Technologies LLC	\$41,543.10	\$0.00	\$0.00	\$0.00	824	0	0	0	298	0	112
Cochlear Americas	\$347,035.93	\$4,555,906.67	\$0.00	\$0.00	1,469	525	0	0	551	100	42
Cochlear Ltd	\$96.00	\$49,251.57	\$0.00	\$0.00	1	1	0	0	1	1	0
Coherus Biosciences Inc.	\$673,277.16	\$2,136,271.26	\$0.00	\$0.00	3,994	85	0	0	1,702	3	526
Colgate Oral Pharmaceuticals, Inc.	\$202,422.03	\$0.00	\$0.00	\$0.00	7,169	0	0	0	4,552	2	1
Collaborative Care Diagnostics, LLC	\$1,066.63	\$0.00	\$0.00	\$30,000.00	30	0	1	1	13	0	14
Collagen Matrix, Inc	\$91,251.91	\$0.00	\$0.00	\$0.00	27	0	0	0	12	0	1
Collegium Pharmaceutical, Inc.	\$2,058,267.57	\$4,116.00	\$0.00	\$0.00	36,575	1	0	0	3,369	2	3,669

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Coloplast Corp	\$3,624,745.29	\$689,260.69	\$0.00	\$0.00	18,453	71	0	0	4,419	18	2,007
Coltene Whaledent Inc.	\$117,438.11	\$0.00	\$0.00	\$0.00	217	0	0	0	148	0	1
Conetic Solutions, Inc.	\$27,523.87	\$0.00	\$0.00	\$0.00	503	0	0	0	184	0	81
Contego Medical, Inc	\$732,622.24	\$0.00	\$544,228.62	\$5,905,126.09	293	0	16	16	96	0	5
ConvaTec Inc.	\$974,068.85	\$0.00	\$0.00	\$0.00	9,188	0	0	0	4,093	32	2,024
Convergent Dental Inc.	\$650,540.10	\$0.00	\$5,189,054.81	\$2,377,761.00	14	0	28	28	39	0	0
Cook Biotech Incorporated	\$187,771.82	\$0.00	\$0.00	\$0.00	203	0	0	0	128	0	0
Cook Incorporated	\$7,795,073.13	\$191,595.13	\$0.00	\$0.00	1,076	12	0	0	445	29	6
Cook Medical LLC	\$815,361.19	\$0.00	\$0.00	\$0.00	9,379	0	0	0	3,679	3	46
Cook Research Incorporated	\$318,452.92	\$1,207,588.45	\$0.00	\$0.00	98	163	0	0	49	21	0
CooperSurgical, Inc.	\$4,294,557.28	\$310,393.51	\$0.00	\$0.00	8,829	4	0	0	4,743	0	1,586
CooperVision Inc.	\$2,495,386.98	\$1,443,230.87	\$0.00	\$0.00	30,749	33	0	0	12,934	0	50
Corcept Therapeutics	\$2,231,127.50	\$1,017,173.95	\$0.00	\$0.00	20,454	272	0	0	3,809	12	3,004
Corcym Inc	\$258,479.63	\$634,817.33	\$0.00	\$0.00	631	59	0	0	239	5	84
Core Surgical Group	\$8,669.34	\$0.00	\$0.00	\$0.00	99	0	0	0	64	0	11
CoreLink, LLC	\$353,744.83	\$0.00	\$0.00	\$0.00	380	0	0	0	96	0	6
Corium, LLC	\$3,267,916.04	\$1,704,264.80	\$0.00	\$0.00	98,973	106	0	0	14,321	0	13,143
Cornerstone Medical Associates, Inc.	\$37,147.52	\$0.00	\$0.00	\$0.00	198	0	0	0	105	0	3
Covis Pharma GmbH	\$6,840.75	\$0.00	\$0.00	\$0.00	337	0	0	0	218	0	108
Cranial Technologies, Inc	\$219,957.53	\$0.00	\$0.00	\$0.00	13,706	0	0	0	6,087	0	2,464
Creo Medical Inc.	\$218,164.07	\$0.00	\$0.00	\$0.00	183	0	0	0	71	8	0
Crossroads Orthopedics, LLC	\$32,904.04	\$0.00	\$0.00	\$0.00	385	0	0	0	141	0	25
Cryo Specialty Medical, LLC	\$0.00	\$0.00	\$0.00	\$279,000.00	0	0	9	9	9	0	0
Cue Health Inc.	\$92,855.69	\$5,386,920.84	\$0.00	\$0.00	5	46	0	0	3	0	2
Cumberland Pharmaceuticals, Inc.	\$437,750.09	\$459,296.47	\$0.00	\$0.00	4,954	72	0	0	1,842	7	1,032
Curiteva, Inc.	\$278,184.43	\$0.00	\$0.00	\$0.00	72	0	0	0	72	0	0
Curium US LLC	\$18,883.13	\$0.00	\$0.00	\$0.00	94	0	0	0	66	0	18
Curonix LLC	\$1,123,522.26	\$0.00	\$0.00	\$0.00	3,482	0	0	0	1,059	0	457
Currax Pharmaceuticals LLC	\$243,825.24	\$36,275.00	\$0.00	\$0.00	11,782	14	0	0	3,219	1	2,446
Current Health Inc.	\$71,456.78	\$0.00	\$0.00	\$0.00	69	0	0	0	27	0	13
Cycle Pharmaceuticals Inc	\$88,962.47	\$0.00	\$0.00	\$0.00	77	0	0	0	45	0	17
Cytec Surgical Products, LLC	\$37,588.47	\$35,734.00	\$0.00	\$0.00	77	10	0	0	64	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
D.T. Davis Enterprises, Ltd	\$23,225.00	\$0.00	\$0.00	\$0.00	3	0	0	0	0	0	3
DASH MEDICAL GLOVES LLC	\$1,940.00	\$0.00	\$0.00	\$0.00	14	0	0	0	14	0	0
DC Dental, LLC	\$10,409.62	\$0.00	\$0.00	\$0.00	34	0	0	0	33	0	0
DENTSPLY Canada LTd	\$912.78	\$0.00	\$0.00	\$0.00	7	0	0	0	5	0	0
DENTSPLY DeTrey GmBh	\$2,962.10	\$0.00	\$0.00	\$0.00	4	0	0	0	3	0	0
DENTSPLY IH AB	\$196,027.31	\$0.00	\$0.00	\$0.00	945	0	0	0	385	7	199
DENTSPLY IH Inc.	\$293,038.63	\$0.00	\$0.00	\$0.00	235	0	0	0	46	0	7
DIXI Medical USA Corp	\$90,711.62	\$0.00	\$0.00	\$0.00	163	0	0	0	87	0	5
DJO, LLC	\$1,645,101.55	\$191,240.03	\$0.00	\$0.00	3,104	41	0	0	1,486	21	162
DMG AMERICA LLC	\$211,660.51	\$0.00	\$0.00	\$0.00	318	0	0	0	199	0	0
DNE LLC	\$62,402.29	\$0.00	\$0.00	\$0.00	21	0	0	0	7	0	0
DTE Oregon, Inc.	\$136.80	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Daiichi Sankyo Company LTD	\$207,171.43	\$7,876,625.50	\$0.00	\$0.00	28	206	0	0	10	6	0
Daiichi Sankyo Europe GmbH	\$33,368.85	\$0.00	\$0.00	\$0.00	13	0	0	0	5	0	0
Daiichi Sankyo Inc.	\$4,335,952.74	\$21,261,069.22	\$0.00	\$0.00	42,022	4,280	0	0	11,208	51	7,552
Darby Dental Supply, LLC	\$205,343.56	\$0.00	\$0.00	\$0.00	89	0	0	0	79	0	0
Darco International, Inc.	\$6,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Datascope Corp.	\$418.92	\$0.00	\$0.00	\$0.00	10	0	0	0	4	0	0
Davol Inc.	\$2,878,095.33	\$1,787,193.19	\$0.00	\$0.00	12,693	40	0	0	5,417	11	977
Daxor Corporation	\$159,642.69	\$199,978.21	\$0.00	\$0.00	394	10	0	0	185	0	97
DeGen Medical, Inc.	\$313,293.92	\$0.00	\$0.00	\$0.00	195	0	0	0	40	0	0
DePuy Synthes Products, Inc.	\$58,629,665.63	\$39,924.84	\$0.00	\$0.00	1,977	15	0	0	359	0	2
DePuy Synthes Sales Inc.	\$2,093,739.26	\$0.00	\$0.00	\$0.00	28,167	0	0	0	11,149	14	2,185
DeRoyal Industries, Inc.	\$15,560.87	\$0.00	\$85,362.00	\$4,879,117.00	35	0	1	1	27	0	2
Deciphera Pharmaceuticals Inc.	\$647,621.37	\$12,791,894.04	\$0.00	\$0.00	2,446	3,830	0	0	981	16	706
Delphinus Medical Technologies, Inc.	\$561,854.69	\$0.00	\$0.00	\$0.00	45	0	0	0	40	0	0
Den-Mat Holdings, LLC	\$35,864.22	\$0.00	\$0.00	\$0.00	40	0	0	0	6	0	0
Dendreon Pharmaceuticals LLC	\$735,309.54	\$831,884.15	\$0.00	\$0.00	8,043	243	0	0	1,772	6	916
Dental Buying Power LLC	\$0.00	\$0.00	\$2,500.00	\$5,100,000.00	0	0	1	1	1	0	0
Dental Health Products, Inc.	\$2,891.23	\$0.00	\$0.00	\$0.00	25	0	0	0	20	0	0
Dental Material Gesellschaft mbH	\$2,968.26	\$0.00	\$0.00	\$0.00	3	0	0	0	1	0	0
DentalEZ Alabama, Inc.	\$1,742.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
DentalEZ, Inc.	\$13,168.84	\$0.00	\$0.00	\$0.00	29	0	0	0	29	0	0
Dentium Co., Ltd	\$32,000.00	\$0.00	\$0.00	\$0.00	12	0	0	0	1	0	0
Dentium USA	\$49,905.38	\$0.00	\$0.00	\$0.00	39	0	0	0	26	0	0
Dentsply IH Sweden	\$1,091.00	\$141,754.07	\$0.00	\$0.00	1	7	0	0	0	1	0
Dentsply LLC	\$416,158.92	\$25,000.00	\$0.00	\$0.00	638	1	0	0	511	1	0
Dentsply Sirona Inc	\$12,024,146.22	\$0.00	\$0.00	\$0.00	48,574	0	0	0	20,387	1	34
Dentsply Sirona Orthodontics Inc	\$143,371.01	\$0.00	\$0.00	\$0.00	134	0	0	0	35	0	0
Dentsply Sirona Pty Limited	\$14,515.36	\$0.00	\$0.00	\$0.00	8	0	0	0	2	0	0
Dermavant Sciences, Inc.	\$6,537,745.85	\$1,013,526.98	\$0.00	\$0.00	58,327	1,100	0	0	5,577	1	4,973
Dexcom, Inc.	\$4,260,676.35	\$10,906,234.13	\$0.00	\$0.00	54,726	534	0	0	14,977	15	10,400
DiaSorin Inc.	\$348,226.02	\$855,582.20	\$0.00	\$0.00	35	22	0	0	9	3	0
DiaSorin Molecular LLC	\$75.05	\$764,007.01	\$0.00	\$0.00	1	3	0	0	1	2	0
Diagnostica Stago, Inc	\$65,385.09	\$121,615.77	\$0.00	\$0.00	29	6	0	0	10	8	0
Digestive Care, Inc.	\$5,155.57	\$0.00	\$0.00	\$0.00	155	0	0	0	104	0	47
Digirad Health, Inc	\$78.35	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
Digital Diagnostics Inc.	\$91,775.43	\$0.00	\$0.00	\$11,074,000.97	5	0	20	20	23	1	0
Dilon Technologies, Inc.	\$216,428.94	\$88,073.93	\$0.00	\$0.00	1,302	11	0	0	746	4	51
Direct Radiography Corporation	\$4,875.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Dompe Farmaceutici S.p.A.	\$0.00	\$1,462,846.33	\$0.00	\$0.00	0	122	0	0	0	5	0
Dompe US, Inc.	\$1,039,788.77	\$299,679.54	\$0.00	\$0.00	2,848	31	0	0	1,917	5	11
Dornier MedTech America, Inc	\$34,246.88	\$0.00	\$0.00	\$0.00	129	0	0	0	128	0	1
Dr.Reddy's Laboratories, Inc.	\$563,742.61	\$240,094.14	\$0.00	\$0.00	91	103	0	0	51	1	1
Draeger Medical Systems, Inc	\$34,993.85	\$45,481.96	\$0.00	\$0.00	190	13	0	0	45	14	135
Drake Precision Dental Lab	\$104.66	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Duchesnay USA Incorporated	\$1,129.09	\$58,421.00	\$0.00	\$0.00	45	19	0	0	32	0	15
DuraStat LLC	\$0.00	\$0.00	\$529,175.00	\$4,568,502.00	0	0	14	14	14	0	0
Dutch Ophthalmic, USA	\$174,381.10	\$0.00	\$0.00	\$0.00	425	0	0	0	283	0	7
DySIS Medical, Inc.	\$3,853.08	\$0.00	\$0.00	\$0.00	83	0	0	0	60	0	9
Dymicron	\$17,187.50	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Dynasplint Systems Inc.	\$8,393.52	\$0.00	\$0.00	\$0.00	468	0	0	0	335	0	108
Dynavax Technologies Corporation	\$402,681.90	\$640,786.15	\$0.00	\$0.00	4,010	4	0	0	2,095	1	1,111
E.R. Squibb & Sons, L.L.C.	\$30,596,256.36	\$182,535,335.20	\$0.00	\$0.00	206,220	4,319	0	0	35,503	194	19,797

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
EDAP TECHNOMED INC	\$561,420.26	\$0.00	\$0.00	\$0.00	761	0	0	0	308	0	16
EISAI CO., LTD.	\$30,564.63	\$0.00	\$0.00	\$0.00	8	0	0	0	5	0	0
EISAI INC.	\$4,812,256.63	\$64,024,436.32	\$0.00	\$0.00	31,883	4,750	0	0	8,201	70	4,839
EMD Millipore Corporation	\$1,650,403.49	\$0.00	\$0.00	\$0.00	764	0	0	0	4	44	0
EMD Serono Research & Development Institute, Inc.	\$323,952.39	\$3,186,953.32	\$0.00	\$0.00	60	39	0	0	44	5	2
EMD Serono, Inc.	\$11,066,373.07	\$2,443,618.43	\$0.00	\$0.00	36,511	471	0	0	6,104	34	3,237
ENCORE MEDICAL, LP	\$22,461,858.81	\$107,065.08	\$0.00	\$0.00	5,459	16	0	0	586	18	11
ENDOTRONIX, INC.	\$2,176.08	\$0.00	\$429,320.00	\$6,506,483.83	30	0	25	25	52	0	3
ERBE USA Inc	\$195,489.09	\$0.00	\$0.00	\$0.00	438	0	0	0	341	18	8
ERMI LLC	\$8,297.88	\$0.00	\$0.00	\$0.00	242	0	0	0	208	0	34
ESSENTIAL DENTAL SYSTEMS INCORPORATED	\$4,470.74	\$0.00	\$0.00	\$2,942,800.00	131	0	2	2	103	0	0
ETS Wound Care LLC	\$310,997.85	\$0.00	\$0.00	\$0.00	617	0	0	0	266	0	49
Eagle Pharmaceuticals, Inc.	\$371,819.39	\$202,847.15	\$0.00	\$0.00	3,787	10	0	0	1,324	0	1,662
EarliTec Diagnostics Inc.	\$4,875.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Echosens North America, Inc.	\$166,850.55	\$0.00	\$0.00	\$0.00	403	0	0	0	329	0	1
Eclipse Technology Solutions Inc.	\$31,101.97	\$0.00	\$0.00	\$0.00	399	0	0	0	169	0	26
Edge Endo LLC	\$96,808.88	\$0.00	\$3,580,063.57	\$15,939,184.20	10	0	1	1	8	0	0
Edwards Lifesciences Corporation	\$16,224,515.55	\$62,766,325.76	\$0.00	\$0.00	62,817	4,978	0	0	10,941	141	7,436
Eiger BioPharmaceuticals, Inc.	\$331,453.08	\$0.00	\$0.00	\$0.00	35	0	0	0	9	1	0
Eko Health, Inc.	\$38,213.47	\$0.00	\$0.00	\$0.00	101	0	0	0	64	0	15
Electromed, Inc.	\$257,590.07	\$0.00	\$0.00	\$0.00	9,964	0	0	0	2,006	17	779
Electronic Waveform Lab, Inc.	\$46,334.42	\$0.00	\$0.00	\$0.00	2,097	0	0	0	413	0	129
Elekta AB (publ)	\$51.89	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Elekta Instrument AB	\$335,550.00	\$0.00	\$0.00	\$0.00	19	0	0	0	2	3	0
Elekta K.K.	\$3,000.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Elekta LTD	\$1,639.63	\$0.00	\$0.00	\$0.00	8	0	0	0	2	0	0
Elekta Limited	\$72,980.00	\$1,104,551.71	\$0.00	\$0.00	6	25	0	0	3	6	0
Elekta Limited Hong Kong	\$9,126.24	\$0.00	\$0.00	\$0.00	6	0	0	0	1	0	0
Elekta Medical S.A. de C.V.	\$97.38	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
Elekta Pte. Ltd	\$1,500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Elekta, Inc.	\$628,346.06	\$0.00	\$0.00	\$0.00	767	0	0	0	370	12	7
Elevate Oral Care	\$37,080.66	\$324,971.63	\$0.00	\$0.00	824	44	0	0	797	0	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Elevate Surgical Co	\$16,780.04	\$0.00	\$0.00	\$0.00	241	0	0	0	132	0	12
Eli Lilly Export S.A. Puerto Rico Branch	\$23,029.17	\$9,432,518.54	\$0.00	\$0.00	1,028	114	0	0	297	0	7
Eli Lilly and Company	\$5,980,371.66	\$577,397,283.76	\$0.00	\$0.00	6,106	12,117	0	0	1,915	159	94
Elite Orthopedics, LLC	\$82,960.08	\$0.00	\$0.00	\$0.00	1,065	0	0	0	364	0	84
Elucent Medical	\$135,089.98	\$0.00	\$0.00	\$0.00	500	0	0	0	251	0	5
Embecta Corp.	\$198,225.46	\$5,569.00	\$0.00	\$0.00	2,168	4	0	0	691	1	293
Embolyx, Inc.	\$8,088.50	\$0.00	\$0.00	\$0.00	76	0	0	0	71	0	2
Embolx, Inc.	\$49,400.00	\$0.00	\$0.00	\$0.00	9	0	0	0	9	0	0
Emergent BioSolutions Inc.	\$191,851.17	\$4,762,015.37	\$0.00	\$0.00	64	146	0	0	16	1	0
Emmaus Medical, Inc.	\$123,091.82	\$0.00	\$0.00	\$0.00	699	0	0	0	264	0	167
Empire Medical, Inc	\$7,773.23	\$0.00	\$0.00	\$0.00	70	0	0	0	40	0	4
Excision Inc	\$8,360.11	\$0.00	\$0.00	\$0.00	13	0	0	0	1	5	2
Endo Pharmaceuticals Inc.	\$1,943,204.90	\$5,466,441.88	\$0.00	\$0.00	16,002	567	0	0	4,177	11	1,957
Endogastric Solutions, Inc	\$312,215.71	\$208,227.00	\$0.00	\$5,270.00	1,580	5	3	3	897	1	218
Endologix LLC	\$747,585.43	\$1,041,161.65	\$0.00	\$0.00	4,132	374	0	0	1,080	20	199
Endomagnetics Ltd	\$139,216.11	\$14,622.48	\$0.00	\$0.00	829	1	0	0	332	1	8
Endovascular Engineering, Inc.	\$82,394.47	\$0.00	\$50.00	\$550,000.00	10	0	1	1	5	3	0
EnduroMed, LLC	\$23,284.94	\$0.00	\$0.00	\$0.00	207	0	0	0	79	0	26
Ensemble Orthopedics, Inc	\$9,252.37	\$0.00	\$0.00	\$0.00	43	0	0	0	13	0	0
EnsoData, Inc.	\$81,077.17	\$5,000.00	\$14,252.40	\$14,252.40	10	2	1	1	12	0	0
Enterra Medical, Inc.	\$130,748.29	\$0.00	\$0.00	\$0.00	873	0	0	0	442	0	213
Epion Medical, Inc.	\$5,876.73	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Epimed International, Inc	\$452,507.88	\$0.00	\$0.00	\$0.00	25	0	0	0	5	0	0
Episurf Medical, Inc.	\$261.83	\$120,298.14	\$0.00	\$0.00	3	21	0	0	7	0	0
Epizyme, Inc.	\$40,157.11	\$10,658,627.12	\$0.00	\$0.00	148	1,423	0	0	72	21	45
Equashield LLC	\$6,487.48	\$0.00	\$0.00	\$0.00	13	0	0	0	1	3	0
Erbe Elektromedizin GmbH	\$7,963.50	\$610,479.13	\$0.00	\$0.00	4	14	0	0	3	2	0
Esaote North America, Inc.	\$6,067.39	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
Esperion Therapeutics, Inc.	\$413,616.57	\$3,644,921.05	\$0.00	\$0.00	12,396	1,048	0	0	4,682	25	2,566
Essential Medical, Inc.	\$0.00	\$163,406.65	\$0.00	\$0.00	0	14	0	0	0	2	0
Ethicon Endo-Surgery Inc.	\$506,472.01	\$3,181,702.90	\$0.00	\$0.00	239	301	0	0	82	16	5
Ethicon Inc.	\$3,055,296.24	\$1,627,749.92	\$0.00	\$0.00	2,164	430	0	0	710	21	76

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Ethicon US, LLC	\$1,068,078.34	\$0.00	\$0.00	\$0.00	13,904	0	0	0	6,660	12	2,214
Eton Pharmaceuticals, Inc.	\$98,240.11	\$0.00	\$0.00	\$0.00	224	0	0	0	179	0	51
Eurofins Viracor, LLC	\$2,749.93	\$0.00	\$0.00	\$0.00	33	0	0	0	33	0	1
EvoEndo, Inc	\$55,986.73	\$191,250.00	\$354,039.64	\$470,422.22	43	6	6	6	44	5	1
Evofem Biosciences, Inc.	\$72,240.30	\$1,700,368.30	\$0.00	\$0.00	3,957	266	0	0	1,417	4	885
Evoke Pharma, Inc.	\$478,214.55	\$0.00	\$0.00	\$0.00	3,766	0	0	0	1,244	0	780
Evolution Spine, LLC	\$281,605.44	\$0.00	\$0.00	\$0.00	100	0	0	0	17	0	0
Evolution Surgical, Inc	\$71,486.76	\$0.00	\$0.00	\$0.00	706	0	0	0	367	1	15
Evoqua Water Technologies, LLC	\$84.73	\$0.00	\$0.00	\$0.00	3	0	0	0	2	0	0
Exact Sciences Corporation	\$3,236,808.88	\$2,841,426.72	\$0.00	\$0.00	101,876	181	0	0	30,720	19	23,029
Exactech, Inc.	\$7,978,363.26	\$2,277,070.01	\$0.00	\$0.00	2,966	135	0	0	695	10	31
Exelixis Inc.	\$3,718,861.32	\$21,457,360.22	\$400,667.06	\$400,667.06	9,674	5,925	1	1	2,425	48	1,324
Exeltis, USA Inc.	\$638,870.38	\$14,317,562.70	\$0.00	\$0.00	19,411	1,364	0	0	6,100	0	3,846
Expanding Innovations, Inc.	\$109,026.30	\$0.00	\$180,280.10	\$180,280.10	7	0	14	14	14	1	0
Extremity Medical	\$762,889.28	\$2,133.00	\$0.00	\$0.00	368	3	0	0	114	1	0
EyePoint Pharmaceuticals US, Inc.	\$494,294.46	\$9,176,479.61	\$94,171.40	\$494,012.96	1,010	147	5	5	569	5	2
Eyevance Pharmaceuticals LLC	\$11,509.39	\$0.00	\$0.00	\$0.00	558	0	0	0	461	0	3
F. Hoffmann-La Roche AG	\$2,864,238.24	\$31,505,851.12	\$0.00	\$0.00	766	4,087	0	0	584	47	4
FEMSelect Inc.	\$31,960.40	\$700.00	\$0.00	\$0.00	148	2	0	0	99	0	1
FFF Enterprises, Inc.	\$9,523.07	\$0.00	\$0.00	\$0.00	14	0	0	0	5	0	0
FH Orthopedics, Inc.	\$31,324.60	\$0.00	\$0.00	\$0.00	45	0	0	0	5	0	0
FHC, Inc.	\$12,733.52	\$0.00	\$0.00	\$150,107.76	2	0	1	1	3	0	0
FRESENIUS USA MANUFACTURING, INC.	\$203,176.99	\$0.00	\$0.00	\$0.00	38	0	0	0	11	2	2
FUJIFILM Corporation	\$88.70	\$54,840.00	\$0.00	\$0.00	1	2	0	0	1	0	0
FUJIFILM Healthcare Americas Corporation	\$465,450.87	\$456,152.20	\$0.00	\$0.00	771	17	0	0	446	11	32
FUJIFILM Holdings America Corporation	\$2,500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
FUJIFILM SonoSite, Inc.	\$200,286.13	\$0.00	\$0.00	\$0.00	201	0	0	0	132	0	4
FUKUDA DENSHI Co., Ltd.	\$30,937.50	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
FX Shoulder USA, Inc	\$361,024.27	\$503,916.50	\$0.00	\$0.00	120	10	0	0	89	0	4
Facet Technologies LLC	\$2,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Farallon Surgical, LLC	\$383,771.67	\$0.00	\$0.00	\$0.00	6	0	0	0	3	0	0
Fennec Pharmaceuticals, Inc.	\$45,562.81	\$0.00	\$0.00	\$0.00	243	0	0	0	124	0	59

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Ferring Arzneimittel GmbH	\$40.17	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Ferring Holding Inc.	\$90,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Ferring International Center SA	\$14,595.00	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Ferring International Pharmascience Center US	\$292.78	\$862,933.25	\$0.00	\$0.00	3	29	0	0	3	2	0
Ferring Pharmaceuticals (Asia) Co. Ltd.	\$5,600.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Ferring Pharmaceuticals AS	\$191,992.91	\$286,615.78	\$0.00	\$0.00	51	32	0	0	16	1	0
Ferring Pharmaceuticals Inc.	\$3,097,669.20	\$0.00	\$0.00	\$0.00	23,073	0	0	0	7,008	3	3,519
Ferring Pharmaceuticals Ltd (UK)	\$14,709.51	\$0.00	\$0.00	\$0.00	7	0	0	0	2	0	0
Ferring Pharmaceuticals Private Limited	\$9,350.00	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
Ferring Pharmaceuticals Pty Ltd	\$5,528.51	\$0.00	\$0.00	\$0.00	5	0	0	0	1	0	0
Ferring Pty Ltd	\$9,910.49	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Ferring Research Institute Inc.	\$7,387.50	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Fidia Pharma USA Inc.	\$40,187.84	\$0.00	\$0.00	\$0.00	1,954	0	0	0	981	0	545
Fisher & Paykel Healthcare Inc	\$238,839.09	\$0.00	\$0.00	\$0.00	3,098	0	0	0	1,305	33	1,316
Fisher & Paykel Healthcare Limited	\$180,146.27	\$1,177,313.69	\$0.00	\$0.00	46	11	0	0	17	5	5
Fisher Scientific Company L.L.C.	\$203,720.33	\$338.16	\$0.00	\$0.00	359	21	0	0	44	74	3
FlexDex Inc.	\$33,600.00	\$0.00	\$0.00	\$0.00	7	0	0	0	7	0	0
FloSpine LLC	\$162,882.34	\$0.00	\$0.00	\$0.00	43	0	0	0	9	0	0
Flower Orthopedics Coporation	\$253,554.13	\$0.00	\$0.00	\$0.00	321	0	0	0	164	0	0
Forestadent USA, Inc.	\$226,525.76	\$0.00	\$0.00	\$0.00	325	0	0	0	198	0	0
Forma Medical	\$975.00	\$0.00	\$0.00	\$0.00	15	0	0	0	5	0	0
Forte Bio-Pharma LLC	\$96,692.63	\$0.00	\$181,150.00	\$7,145,000.00	5,016	0	1	1	650	0	603
Fortis Surgical, LLC	\$33,068.16	\$0.00	\$0.00	\$0.00	405	0	0	0	164	1	14
Fosun Pharma USA Inc.	\$31,308.78	\$0.00	\$0.00	\$0.00	52	0	0	0	11	0	0
Foundation Medical, LLC	\$34,516.44	\$0.00	\$0.00	\$0.00	410	0	0	0	175	0	17
Foundation Medicine, Inc.	\$689,458.45	\$1,361,500.00	\$0.00	\$0.00	3,373	9	0	0	1,545	8	779
Fresenius Kabi USA, LLC	\$1,372,403.05	\$186,413.00	\$0.00	\$0.00	10,622	25	0	0	3,796	14	2,312
Fresenius USA Marketing, Inc.	\$748,124.01	\$122,357.26	\$0.00	\$0.00	8,685	7	0	0	1,840	2	793
Freudenberg Medical, LLC	\$219.96	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Fujirebio Diagnostics, Incorporated	\$2,263,466.69	\$330,774.76	\$0.00	\$0.00	5	7	0	0	3	9	0
Fuse Medical, Inc.	\$392,067.37	\$0.00	\$0.00	\$0.00	39	0	0	0	28	0	0
Fusion Orthopedics USA, LLC	\$151,141.05	\$0.00	\$0.00	\$0.00	204	0	0	0	104	0	1

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Fusion Orthopedics, LLC.	\$55,405.16	\$0.00	\$0.00	\$0.00	49	0	0	0	33	0	0
G Medical Diagnostic Services, Inc.	\$2,268.00	\$0.00	\$0.00	\$0.00	120	0	0	0	61	9	27
G1 Therapeutics, Inc.	\$487,311.05	\$3,991,178.84	\$0.00	\$0.00	3,364	676	0	0	1,187	10	1,001
G21 SRL	\$2,777.54	\$0.00	\$0.00	\$0.00	6	0	0	0	4	0	0
GE Global Research an unincorporated business of GE Company	\$0.00	\$302,615.07	\$0.00	\$0.00	0	12	0	0	0	3	0
GE HealthCare	\$6,005,849.22	\$7,315,537.73	\$0.00	\$0.00	7,052	272	0	0	2,882	97	588
GLW, Inc	\$749.43	\$0.00	\$2,292,500.00	\$4,146,346.88	6	0	25	25	30	0	0
GM Pharmaceuticals, Inc.	\$17,642.07	\$0.00	\$0.00	\$0.00	61	0	0	0	33	0	29
GRT US Holding, Inc.	\$28,545.74	\$6,831,750.81	\$0.00	\$0.00	9	1,385	0	0	5	0	0
GS Solutions, Inc.	\$4,018.81	\$25,399.81	\$0.00	\$0.00	31	7	0	0	33	0	0
GT Medical Technologies, Inc	\$255,754.28	\$0.00	\$0.00	\$0.00	724	0	0	0	365	0	120
GUERBET LLC	\$454,920.75	\$854,392.70	\$0.00	\$0.00	347	185	0	0	127	12	1
Galderma Laboratories, L.P.	\$14,335,829.51	\$0.00	\$0.00	\$0.00	45,682	0	0	0	6,387	0	6,248
Galderma Research & Development, LLC	\$164,723.93	\$934,249.45	\$0.00	\$0.00	54	316	0	0	58	10	0
Galt Pharmaceuticals, LLC	\$33,386.34	\$0.00	\$0.00	\$0.00	199	0	0	0	131	0	67
Galvanize Therapeutics, Inc	\$97,478.51	\$2,806,457.16	\$0.00	\$0.00	615	109	0	0	423	13	23
Gamida Cell Inc.	\$152,716.72	\$0.00	\$0.00	\$0.00	21	0	0	0	13	0	0
GastroGPO, LLC	\$42,066.00	\$0.00	\$1,501,265.39	\$15,123,999.41	52	0	686	686	686	0	0
GastroKlenz, Inc. DBA CloudCath	\$708.31	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Gebauer Company	\$32,841.75	\$0.00	\$0.00	\$0.00	18	0	0	0	7	1	11
Geistlich Pharma, North America, Inc.	\$509,160.20	\$227,435.00	\$0.00	\$0.00	1,162	11	0	0	690	0	1
Gemini Mountain Medical, LLC	\$40,256.14	\$0.00	\$0.00	\$0.00	297	0	0	0	151	0	20
Gen-Probe, Inc.	\$667,754.39	\$6,254,958.04	\$0.00	\$0.00	196	228	0	0	38	8	4
GenBioPro, Inc.	\$45,005.28	\$0.00	\$0.00	\$0.00	5	0	0	0	4	0	0
GenMark Diagnostics, Inc.	\$45,354.59	\$166,959.94	\$0.00	\$0.00	16	15	0	0	6	4	0
Genentech USA, Inc.	\$9,056,523.43	\$0.00	\$0.00	\$0.00	54,659	0	0	0	14,360	88	6,031
Genentech, Inc.	\$57,900,055.78	\$367,689,573.73	\$0.00	\$0.00	3,269	27,142	0	0	1,676	171	343
Genesis Software Innovations, LLC	\$21,699.72	\$0.00	\$273,742.19	\$509,735.03	8	0	8	8	8	0	0
Genesys Orthopedics Systems, L.L.C.	\$902,828.70	\$8,410.00	\$0.00	\$0.00	423	12	0	0	74	0	4
Genetesis, Inc.	\$44,677.52	\$85,460.00	\$138,607.40	\$68,122.61	13	14	4	4	8	4	0
Genetics Institute LLC	\$1,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
Genmab A/S	\$0.00	\$10,059,523.52	\$0.00	\$0.00	0	922	0	0	7	16	2

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Genmab BV	\$0.00	\$376,966.48	\$0.00	\$0.00	0	125	0	0	0	5	0
Genmab U.S., Inc.	\$1,135,426.38	\$7,620,415.19	\$0.00	\$0.00	5,218	586	0	0	1,777	31	1,283
Gentleman Orthopedic Solutions	\$19,026.88	\$0.00	\$0.00	\$0.00	140	0	0	0	52	0	9
Gentuity, LLC	\$110,578.43	\$364,017.93	\$0.00	\$0.00	61	30	0	0	21	4	0
Genzyme Corporation	\$43,780,024.01	\$24,045,495.51	\$0.00	\$0.00	161,112	3,301	0	0	29,456	95	17,424
GetSet Surgical Inc	\$1,545.55	\$0.00	\$0.00	\$0.00	20	0	0	0	12	0	0
Geringe USA Sales, LLC	\$621,940.75	\$0.00	\$0.00	\$0.00	4,288	0	0	0	788	4	977
Gilead Sciences, Inc.	\$35,818,770.13	\$12,763,517.30	\$0.00	\$0.00	111,067	1,553	0	0	17,326	115	11,425
Glaukos Corporation	\$3,675,503.15	\$4,534,354.59	\$0.00	\$0.00	8,297	2,844	0	0	4,262	13	100
GlaxoSmithKline, LLC.	\$35,152,671.00	\$171,322,665.20	\$0.00	\$0.00	437,614	16,268	0	0	64,128	45	36,879
Global Blood Therapeutics, Inc.	\$0.00	\$2,697,175.37	\$0.00	\$0.00	0	550	0	0	0	24	0
Global Kinetics USA Corporation	\$91,632.50	\$48,015.30	\$0.00	\$0.00	14	27	0	0	3	0	0
Globus Medical, Inc.	\$16,422,822.04	\$103,363.20	\$0.00	\$94,980.45	17,434	6	1	1	2,983	14	557
Goode Surgical Inc	\$38,028.90	\$0.00	\$0.00	\$0.00	348	0	0	0	140	0	14
Gotham Surgical Solutions & Devices, Inc.	\$114,021.64	\$0.00	\$0.00	\$0.00	195	0	0	0	80	0	20
Grace Medical, Inc.	\$46,397.67	\$0.00	\$741,942.00	\$9,397,131.00	39	0	3	3	34	2	0
Gramercy Extremity Orthopedics LLC	\$72,765.39	\$0.00	\$0.00	\$3,416,250.00	175	0	55	55	92	0	0
Graymont Equipment Distribution, LLC	\$821.10	\$0.00	\$0.00	\$0.00	6	0	0	0	4	0	0
Great Lakes Medical Services, LLC	\$0.00	\$0.00	\$0.00	\$18,000.00	0	0	6	6	6	0	0
Greer Laboratories, Inc.	\$4,568.22	\$0.00	\$0.00	\$0.00	185	0	0	0	125	0	42
Grifols Biologicals LLC	\$0.00	\$234,800.10	\$0.00	\$0.00	0	42	0	0	0	2	0
Grifols Canada Ltd.	\$40.11	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Grifols Diagnostic Solutions, Inc.	\$6,126.82	\$0.00	\$0.00	\$0.00	48	0	0	0	3	35	1
Grifols Shared Services North America, Inc.	\$239,695.74	\$524,083.58	\$0.00	\$0.00	169	9	0	0	102	4	15
Grifols Therapeutics LLC	\$11,050.00	\$1,145,883.56	\$0.00	\$0.00	5	174	0	0	5	10	0
Grifols USA, LLC	\$1,869,608.58	\$0.00	\$0.00	\$0.00	23,695	0	0	0	5,849	14	2,928
Grifols, S.A.	\$74,086.65	\$0.00	\$0.00	\$0.00	15	0	0	0	11	0	0
Guard Medical Inc.	\$35,526.14	\$0.00	\$0.00	\$0.00	251	0	0	0	160	0	38
Guard Medical SAS	\$0.00	\$0.00	\$0.00	\$1,470,000.00	0	0	1	1	1	0	0
Gunze International USA, Inc.	\$99.94	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Gynesonics, Inc.	\$214,848.69	\$0.00	\$0.00	\$0.00	1,665	0	0	0	962	1	183
Gyrus ACMI, Inc.	\$84,521.26	\$426,852.23	\$0.00	\$0.00	100	52	0	0	32	6	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
H. Lundbeck A S	\$943,803.24	\$2,592,757.95	\$0.00	\$0.00	387	706	0	0	68	11	4
HARTMANN USA, INC.	\$80,950.91	\$0.00	\$0.00	\$0.00	395	0	0	0	234	0	93
HEMA Biologics, LLC	\$660,529.56	\$65,000.00	\$0.00	\$0.00	798	14	0	0	57	5	21
HF Acquisition Co. LLC	\$40,020.70	\$0.00	\$0.00	\$0.00	20	0	0	0	4	0	0
HOLOGIC INC	\$1,125,753.27	\$1,255,264.51	\$0.00	\$0.00	448	41	0	0	145	12	3
HOYA Medical Singapore PTE LTD	\$14,325.27	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
HRA PHARMA RARE DISEASES	\$1,914.25	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
HRA Pharma	\$633,575.97	\$9,648.46	\$0.00	\$0.00	37	3	0	0	16	1	0
HT Medical, LLC	\$3,279.64	\$0.00	\$0.00	\$0.00	16	0	0	0	11	0	0
Haemonetics Corporation	\$778,358.86	\$1,051,947.96	\$66,857.56	\$833,380.46	1,886	107	5	5	993	22	483
Halozyme Inc	\$282,518.82	\$987,066.40	\$0.00	\$0.00	14,208	11	0	0	4,402	0	3,186
Hand Biomechanics Laboratory	\$1,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Harmony Biosciences LLC	\$1,464,116.60	\$4,747,274.74	\$0.00	\$0.00	21,472	965	0	0	3,620	24	2,331
Harrow Eye, LLC	\$120,738.23	\$0.00	\$0.00	\$0.00	681	0	0	0	524	0	22
HeartFlow, Inc.	\$1,005,315.59	\$548,655.90	\$107,025.00	\$14,066,970.42	6,013	54	13	13	2,598	6	682
Heidelberg Engineering, Inc.	\$832,685.41	\$0.00	\$0.00	\$0.00	110	0	0	0	87	6	0
Helena Laboratories Corporation	\$3,736.08	\$0.00	\$0.00	\$0.00	12	0	0	0	7	4	0
Helios Cardio Inc	\$25,551.06	\$50,000.00	\$0.00	\$0.00	48	1	0	0	35	1	3
Helsinn Healthcare SA	\$315,175.40	\$0.00	\$0.00	\$0.00	37	0	0	0	8	0	0
Helsinn Therapeutics (U.S.), Inc.	\$76,104.77	\$0.00	\$0.00	\$0.00	1,401	0	0	0	597	1	455
HemoSonics LLC	\$21,013.15	\$354,117.17	\$0.00	\$0.00	233	29	0	0	175	4	10
Henry Schein One, LLC	\$52,522.80	\$0.00	\$0.00	\$0.00	104	0	0	0	100	0	0
Henry Schein, Inc.	\$2,244,316.99	\$0.00	\$0.00	\$0.00	2,024	0	0	0	1,436	3	4
Heraeus Medical Components, LLC	\$500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Heraeus Medical, LLC.	\$51,862.43	\$0.00	\$0.00	\$0.00	634	0	0	0	376	1	86
Hermes Medical Solutions	\$3,200.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Heron Therapeutics, Inc.	\$924,993.33	\$446,586.89	\$0.00	\$0.00	5,503	72	0	0	2,658	5	1,474
Hexal AG	\$101,066.71	\$997,307.47	\$0.00	\$0.00	32	194	0	0	26	0	1
Highline Surgical Solutions, LLC	\$0.00	\$0.00	\$555,663.55	\$0.00	0	0	5	5	5	0	0
Hikma Pharmaceuticals USA	\$508,096.31	\$1,021,695.88	\$0.00	\$0.00	4,324	60	0	0	1,981	12	912
Hill Dermaceuticals, Inc.	\$16,232.89	\$0.00	\$0.00	\$0.00	220	0	0	0	117	0	46
Hinge Health, Inc.	\$14,305.00	\$0.00	\$0.00	\$2,225,784.22	3	0	2	2	4	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Hiossen, Inc.	\$2,975,636.53	\$0.00	\$0.00	\$0.00	92	0	0	0	89	0	1
Hoffmann-La Roche Limited	\$199,756.99	\$18,066,628.37	\$0.00	\$0.00	76	2,001	0	0	26	45	0
Hollister Incorporated	\$85,121.41	\$15,068.54	\$0.00	\$0.00	1,666	5	0	0	621	4	689
Hologic Sales and Service, LLC	\$1,096,972.07	\$3,291.00	\$0.00	\$0.00	23,148	1	0	0	11,270	0	5,151
Horizon Therapeutics plc	\$17,064,109.63	\$11,972,015.83	\$0.00	\$0.00	70,795	143	0	0	18,528	16	4,201
Hospira, Inc.	\$8,658.54	\$0.00	\$0.00	\$0.00	432	0	0	0	192	0	49
Hoya Surgical Optics, Inc	\$9,265.95	\$0.00	\$0.00	\$0.00	12	0	0	0	9	0	0
Hu-Friedy Mfg. Co., LLC	\$464,347.45	\$0.00	\$0.00	\$0.00	2,192	0	0	0	1,355	0	0
Hubly Incorporated	\$0.00	\$1,200.00	\$8,798.00	\$0.00	0	1	2	2	2	1	0
Human Regenerative Technologies	\$0.00	\$77,500.00	\$0.00	\$0.00	0	1	0	0	0	0	0
Huntleigh Healthcare Ltd.	\$0.00	\$154,857.11	\$0.00	\$0.00	0	3	0	0	0	1	0
HydroCision, Inc.	\$110,553.45	\$0.00	\$0.00	\$678,632.32	207	0	3	3	99	0	10
Hydrofera LLC	\$28,383.27	\$0.00	\$0.00	\$0.00	978	0	0	0	440	0	286
Hyhte Holdings Inc.	\$1,085,207.27	\$0.00	\$0.00	\$0.00	19	0	0	0	18	0	0
Hyperfine Operations, Inc.	\$20,178.71	\$563,193.99	\$0.00	\$0.00	54	10	0	0	46	5	6
Hyprevention INC	\$14,623.35	\$24,122.19	\$0.00	\$0.00	22	1	0	0	5	0	0
IBA Proton Therapy, Inc.	\$49,629.49	\$0.00	\$0.00	\$0.00	62	0	0	0	59	0	3
IBSA Institut Biochimique SA	\$84,652.41	\$1,386,421.52	\$0.00	\$0.00	31	123	0	0	8	9	0
IBSA Pharma Inc.	\$295,875.05	\$6,115.00	\$0.00	\$0.00	11,313	1	0	0	3,885	1	2,327
ICU Medical Inc	\$16,916.23	\$0.00	\$125,154,152.29	\$125,154,152.29	27	0	2	2	21	5	2
IDORSIA PHARMACEUTICALS US INC	\$4,934,510.02	\$2,961,776.27	\$0.00	\$0.00	76,220	244	0	0	17,607	5	16,144
IKON SPINE LLC	\$120,556.47	\$0.00	\$0.00	\$0.00	4	0	0	0	2	0	0
IMACTIS INC	\$23.98	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
IMPEL PHARMACEUTICALS INC.	\$839,490.35	\$0.00	\$0.00	\$0.00	15,581	0	0	0	2,767	0	1,907
IMPLANET America, Inc.	\$11,832.36	\$0.00	\$0.00	\$0.00	6	0	0	0	3	0	0
INPECO NORTH AMERICA, INC	\$5,146.48	\$0.00	\$0.00	\$0.00	3	0	0	0	0	3	0
INSTITUT DE RECHERCHES INTERNATIONALES SERVIER	\$15,218.94	\$775,141.76	\$0.00	\$0.00	5	156	0	0	2	5	0
INTERCEPT PHARMACEUTICALS, INC.	\$3,836,498.24	\$9,162,263.20	\$264,454.68	\$264,454.68	15,303	1,723	2	2	3,990	43	3,044
IQ Med LLC	\$89,288.99	\$0.00	\$256,999.98	\$246,198.00	5	0	5	5	5	0	0
IRRAS USA, Inc.	\$12,757.83	\$0.00	\$0.00	\$0.00	115	0	0	0	112	0	3
ITI, Inc.	\$9,552,359.96	\$18,677,517.60	\$0.00	\$0.00	112,346	1,301	0	0	8,296	8	15,441
IZI Medical Products, LLC	\$53,686.09	\$0.00	\$0.00	\$0.00	7	0	0	0	6	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Ichnos Sciences Inc.	\$0.00	\$988,983.35	\$0.00	\$0.00	0	156	0	0	15	0	0
Ignite Orthomotion LLC	\$12,875.00	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
Ignite Orthopedics, LLC	\$1,820,745.64	\$0.00	\$0.00	\$7,906,884.44	26	0	6	6	7	0	0
IlluminOss Medical, Inc.	\$148,286.15	\$30,300.00	\$0.00	\$0.00	407	7	0	0	294	4	13
Illumina, Inc.	\$3,083,663.65	\$0.00	\$0.00	\$0.00	109	0	0	0	91	1	0
ImClone Systems, LLC	\$414,598.87	\$0.00	\$0.00	\$0.00	13	0	0	0	0	1	0
Imbio Inc.	\$70,699.61	\$35,000.00	\$0.00	\$0.00	21	1	0	0	21	1	0
Imbrium Therapeutics L.P.	\$1,098.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Immucor, Inc.	\$459,254.95	\$0.00	\$0.00	\$0.00	22	0	0	0	15	0	0
ImmunoGen, Inc.	\$1,238,919.87	\$6,498,760.44	\$0.00	\$0.00	2,921	425	0	0	1,065	26	685
Immunocore Limited	\$817,896.71	\$1,206,888.58	\$0.00	\$0.00	478	351	0	0	177	7	88
ImpactOrtho, Inc.	\$42,914.65	\$0.00	\$0.00	\$0.00	551	0	0	0	180	0	30
ImpediMed, Inc.	\$152,395.54	\$0.00	\$0.00	\$0.00	24	0	0	0	20	0	0
Imperative Care, Inc	\$1,250,429.95	\$0.00	\$0.00	\$48,597,964.00	3,665	0	23	23	894	0	58
Implant Direct Sybron International LLC	\$607,569.08	\$0.00	\$0.00	\$0.00	221	0	0	0	84	0	0
Impulse Dynamics (USA) Inc.	\$1,941,799.52	\$2,097,705.83	\$0.00	\$0.00	12,778	785	0	0	3,755	48	2,277
InSightec, Inc	\$49,714.64	\$0.00	\$282,727.50	\$942,965.47	711	0	2	2	401	0	139
InSightec, LTD	\$586,153.00	\$1,622,488.22	\$0.00	\$0.00	9	144	0	0	8	8	0
Inari Medical, Inc.	\$6,743,195.98	\$5,037,486.36	\$0.00	\$0.00	38,027	3,865	0	0	10,565	19	2,469
Inceptus Medical, LLC	\$5,300.86	\$0.00	\$0.00	\$0.00	32	0	0	0	25	0	0
Incyte Corporation	\$14,512,535.38	\$60,908,673.36	\$0.00	\$0.00	72,067	21,889	0	0	10,456	177	9,083
Independent Dental Solutions LLC	\$239,176.08	\$0.00	\$12,000.00	\$347,447.02	12	0	4	4	10	0	0
Indivior Inc.	\$1,956,506.44	\$16,665,652.70	\$0.00	\$0.00	25,594	1,481	0	0	3,799	19	6,265
Infinity BiologiX LLC	\$66,095.33	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
InfoBionic, Inc	\$5,055.81	\$0.00	\$0.00	\$0.00	36	0	0	0	26	0	0
Ingeniumspine, LLC	\$870.87	\$0.00	\$0.00	\$1,246,891.20	4	0	4	4	4	0	0
Innocoli Pharmaceuticals Limited	\$6,004.02	\$0.00	\$0.00	\$0.00	86	0	0	0	59	0	9
Innovation Technologies Inc	\$292,698.95	\$10,312.33	\$627.28	\$76,292,079.94	2,546	9	79	79	2,023	1	198
Innovative Medical Devices, Inc.	\$59.81	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Inogen, Inc.	\$116,655.30	\$0.00	\$0.00	\$0.00	5,743	0	0	0	1,550	0	830
Inova Diagnostics, Inc.	\$2,109.85	\$4,075.78	\$0.00	\$0.00	4	2	0	0	3	1	0
Insight Medical Systems, Inc.	\$299,190.87	\$0.00	\$150,000.00	\$237,300.00	184	0	1	1	35	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Insmmed, Inc.	\$1,896,526.76	\$6,145,620.89	\$0.00	\$0.00	14,271	2,070	0	0	3,636	28	1,099
Inspire Medical Systems, Inc.	\$2,409,219.63	\$875,257.47	\$0.00	\$0.00	29,408	230	0	0	8,077	20	4,054
InspireMD Ltd	\$66,092.00	\$1,136,695.00	\$0.00	\$0.00	47	29	0	0	55	8	1
Instrumentation Laboratory Company	\$1,506,935.72	\$487,569.23	\$0.00	\$0.00	108	10	0	0	24	9	0
Instylla, Inc.	\$187,579.28	\$0.00	\$0.00	\$0.00	132	0	0	0	47	1	0
Insulet Corporation	\$2,070,955.28	\$2,512,421.18	\$0.00	\$0.00	14,630	132	0	0	3,147	48	2,161
Integer Holdings Corporation	\$448,974.22	\$0.00	\$0.00	\$0.00	25	0	0	0	14	0	0
Integra LifeSciences Corporation	\$2,186,462.48	\$408,857.08	\$0.00	\$0.00	18,908	28	0	0	8,101	10	1,721
Integrated Commercialization Solutions, LLC	\$18.03	\$0.00	\$0.00	\$0.00	1	0	0	0	0	0	1
Integrity Orthopaedics, Inc.	\$1,170.02	\$0.00	\$1,522,328.87	\$6,891,873.57	11	0	8	8	11	0	1
Intelivation Technologies, LLC	\$30,431.91	\$0.00	\$0.00	\$0.00	35	0	0	0	8	0	1
Intellijoint Surgical Inc.	\$69,455.72	\$0.00	\$1,163,244.34	\$2,846,162.46	23	0	8	8	20	0	0
Intercept Pharma Europe Ltd.	\$0.00	\$4,043,050.96	\$0.00	\$0.00	0	727	0	0	3	31	0
International Life Sciences	\$1,231,881.26	\$0.00	\$0.00	\$0.00	298	0	0	0	161	2	0
Interventional Pain Technologies Inc.	\$60,331.15	\$0.00	\$0.00	\$0.00	26	0	0	0	10	0	1
Intra-Sana Laboratories	\$162,211.23	\$0.00	\$120,000.00	\$712,000.00	2,483	0	1	1	696	0	369
IntrinsiQ Specialty Solutions, Inc.	\$816.04	\$0.00	\$0.00	\$0.00	11	0	0	0	8	0	1
Intrinsic Therapeutics	\$154,126.18	\$193,374.00	\$0.00	\$0.00	784	41	0	0	290	0	96
Intuitive Surgical Operations, Inc.	\$0.00	\$494,518.50	\$0.00	\$0.00	0	22	0	0	0	5	0
Intuitive Surgical, Inc.	\$70,967,731.75	\$0.00	\$301,456.00	\$522,105.76	102,492	0	2	2	14,154	108	1,618
Intuity Medical Inc	\$254,566.01	\$0.00	\$0.00	\$0.00	3,084	0	0	0	564	0	280
Ion Beam Applications S.A.	\$14,447.00	\$0.00	\$0.00	\$0.00	10	0	0	0	10	0	0
Ipsen Biopharmaceuticals, Inc	\$2,623,938.03	\$10,942,004.90	\$0.00	\$0.00	8,563	86	0	0	3,055	25	1,631
Ipsen Bioscience Inc.	\$651,455.13	\$7,151,387.55	\$0.00	\$0.00	134	685	0	0	33	20	6
Ipsen Innovation	\$142,118.95	\$198,613.63	\$0.00	\$0.00	149	157	0	0	36	0	9
Ipsen Pharma SAS	\$713,418.90	\$3,354,389.32	\$0.00	\$0.00	43	1,924	0	0	23	17	0
Ironshore Pharmaceuticals Inc.	\$939,647.45	\$1,733.11	\$0.00	\$0.00	33,868	1	0	0	6,069	1	5,999
Ironwood Pharmaceuticals, Inc	\$621,247.74	\$432,823.41	\$0.00	\$0.00	18,204	84	0	0	4,612	2	3,117
IsoRay, Inc	\$17,494.17	\$96,000.00	\$0.00	\$0.00	186	2	0	0	92	0	0
Itamar Medical Inc	\$514,077.28	\$275,546.70	\$0.00	\$0.00	1,737	1	0	0	1,210	2	542
Iterative Scopes, Inc.	\$1,425.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Ivoclar Vivadent, Inc.	\$400,119.48	\$5,579.00	\$0.00	\$0.00	699	5	0	0	383	3	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
J. Morita USA, Inc.	\$166,192.38	\$209,997.00	\$0.00	\$0.00	132	6	0	0	65	2	0
Jan Medical Inc.	\$60,700.00	\$9,108.00	\$0.00	\$0.00	2	1	0	0	2	1	0
Janssen Biotech, Inc.	\$22,694,729.20	\$400,000.00	\$0.00	\$0.00	255,815	1	0	0	26,792	42	19,793
Janssen Global Services, LLC	\$931,111.72	\$540,995.00	\$0.00	\$0.00	599	13	0	0	176	6	3
Janssen Pharmaceuticals, Inc	\$15,698,837.05	\$13,811,177.00	\$0.00	\$0.00	208,134	1,287	0	0	37,787	42	29,917
Janssen Products, LP	\$723,898.30	\$0.00	\$0.00	\$0.00	1,034	0	0	0	160	0	226
Janssen Research & Development, LLC	\$4,121,044.13	\$251,740,522.87	\$0.00	\$0.00	1,804	25,229	0	0	442	135	17
Janssen Scientific Affairs, LLC	\$4,441,166.35	\$3,575,786.50	\$0.00	\$0.00	7,710	49	0	0	3,006	25	1,967
Jazz Pharmaceuticals Inc.	\$8,839,722.60	\$10,198,493.66	\$0.00	\$0.00	33,166	3,972	0	0	6,796	100	4,175
JenaValve Technology, Inc.	\$873,941.14	\$0.00	\$0.00	\$0.00	105	0	0	0	57	21	0
Johnson & Johnson Health Care Systems Inc.	\$890,168.99	\$0.00	\$0.00	\$0.00	470	0	0	0	251	6	65
Johnson & Johnson Surgical Vision, Inc.	\$1,430,218.91	\$5,989,202.79	\$0.00	\$0.00	6,374	382	0	0	3,168	9	86
Johnson & Johnson Vision Care, Inc.	\$3,884,538.19	\$4,321,933.61	\$0.00	\$0.00	36,401	360	0	0	12,400	3	50
Johnson and Johnson International	\$25,322.06	\$0.00	\$0.00	\$0.00	304	0	0	0	176	0	0
Joint Active Systems, Inc.	\$457.78	\$0.00	\$0.00	\$0.00	23	0	0	0	14	0	9
Joint Jack Company LLC	\$0.00	\$0.00	\$165,000.00	\$80,850.00	0	0	1	1	1	0	0
Joint Restoration Foundation, Inc.	\$220,945.43	\$85,034.00	\$0.00	\$0.00	44	5	0	0	11	2	1
Journey Medical Corporation	\$128,776.94	\$1,949,928.57	\$0.00	\$0.00	4,770	136	0	0	1,278	1	1,148
Jubilant DraxImage Inc.	\$75,910.15	\$0.00	\$0.00	\$0.00	9	0	0	0	5	1	0
Jubilant HollisterStier LLC	\$90,495.03	\$0.00	\$0.00	\$0.00	29	0	0	0	25	0	5
Jubilant Therapeutics Inc	\$33,950.00	\$0.00	\$0.00	\$0.00	6	0	0	0	6	0	0
KARL STORZ ENDOVISION, INC.	\$300.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
KARL STORZ Endoscopia Mexico, S.A.	\$7,654.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
KARL STORZ Endoscopy-America	\$1,501,552.00	\$425,001.49	\$0.00	\$0.00	2,083	104	0	0	894	60	173
KCI USA, Inc.	\$6,307,494.14	\$1,282,717.05	\$0.00	\$0.00	10,867	51	0	0	4,576	49	3,010
KINEX MEDICAL COMPANY LLC	\$40.83	\$0.00	\$0.00	\$0.00	5	0	0	0	2	0	3
KLS-Martin L.P.	\$4,144,237.83	\$0.00	\$0.00	\$0.00	4,674	0	0	0	1,686	120	130
KOWA COMPANY, LTD.	\$0.00	\$1,472,500.00	\$0.00	\$0.00	0	1	0	0	0	1	0
KUB Technologies Inc.	\$8,092.84	\$0.00	\$0.00	\$0.00	90	0	0	0	67	0	0
KVK-Tech, Inc.	\$15.83	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
KaVo Dental Technologies LLC	\$1,041.84	\$0.00	\$0.00	\$0.00	25	0	0	0	25	0	0
Kairos Surgical Inc	\$77,452.51	\$0.00	\$0.00	\$0.00	491	0	0	0	230	0	26

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Kalitec Direct LLC	\$58,575.33	\$0.00	\$0.00	\$1,701,420.00	10	0	5	5	9	0	0
Kamada Ltd.	\$33,457.44	\$215,663.30	\$0.00	\$0.00	55	5	0	0	26	1	1
Kaneka Medical America LLC	\$911,079.19	\$0.00	\$0.00	\$0.00	37	0	0	0	18	19	0
Karyopharm Therapeutics Inc.	\$1,167,202.59	\$6,391,177.03	\$0.00	\$0.00	6,028	1,367	0	0	1,922	34	1,405
Katalyst Surgical, LLC	\$23,739.53	\$0.00	\$0.00	\$0.00	26	0	0	0	19	0	0
Katena Products, Inc. (dba Corza Medical)	\$149,390.43	\$0.00	\$0.00	\$0.00	11	0	0	0	10	0	0
Kedplasma LLC	\$946,801.60	\$0.00	\$0.00	\$0.00	453	0	0	0	42	0	1
Kedrion Biopharma, Inc.	\$65,573.51	\$13,750.00	\$0.00	\$0.00	189	2	0	0	90	6	70
Kedrion S.p.A.	\$26,179.94	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
Kensey Nash	\$17,400.00	\$0.00	\$0.00	\$0.00	3	0	0	0	2	0	0
Kerecis Limited	\$4,220,387.75	\$0.00	\$0.00	\$0.00	9,233	0	0	0	6,820	0	1,499
Kerr Corporation	\$669,044.35	\$0.00	\$0.00	\$0.00	5,310	0	0	0	4,322	0	5
Kesin Pharma Corporation	\$430.28	\$0.00	\$0.00	\$0.00	27	0	0	0	18	0	9
Kestra Medical Technology Services, Inc.	\$313,472.67	\$0.00	\$0.00	\$0.00	7,229	0	0	0	2,283	0	1,356
Kettenbach LP	\$52,104.69	\$0.00	\$0.00	\$0.00	158	0	0	0	146	0	0
Keystone Dental Inc.	\$802,292.77	\$0.00	\$0.00	\$0.00	2,864	0	0	0	1,296	0	1
Kinamed, Inc.	\$26,997.92	\$0.00	\$0.00	\$0.00	33	0	0	0	33	0	0
Kiniksa Pharmaceuticals, Ltd.	\$663,165.34	\$2,031,859.01	\$0.00	\$0.00	8,498	2,178	0	0	3,947	10	1,637
Kirwan Surgical Products LLC	\$191,563.27	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Kite Pharma, Inc.	\$1,928,729.10	\$15,558,543.32	\$0.00	\$0.00	5,726	887	0	0	2,005	39	795
Koelis Inc.	\$47,789.25	\$0.00	\$0.00	\$0.00	273	0	0	0	158	0	43
Konica Minolta Healthcare Americas, Inc	\$372,437.56	\$0.00	\$0.00	\$0.00	16	0	0	0	4	1	0
Kowa Holdings America, Inc.	\$0.00	\$3,467,123.68	\$0.00	\$0.00	0	241	0	0	0	1	0
Kowa Pharmaceuticals America, Inc.	\$529,327.69	\$0.00	\$0.00	\$0.00	29,029	0	0	0	9,074	0	4,355
Kowa Research Institute, Inc.	\$47,968.05	\$0.00	\$0.00	\$0.00	25	0	0	0	19	0	0
Koya Medical, Inc.	\$13,773.70	\$0.00	\$0.00	\$0.00	52	0	0	0	42	0	6
Krystal Biotech Inc	\$158,178.04	\$955,049.70	\$0.00	\$0.00	797	17	0	0	460	1	157
Kulzer, LLC	\$87,877.13	\$15,563.20	\$0.00	\$0.00	684	1	0	0	614	1	0
Kuraray America Inc.	\$433,673.73	\$0.00	\$0.00	\$0.00	539	0	0	0	285	0	0
Kuros Biosciences USA, Inc	\$134,969.33	\$0.00	\$0.00	\$0.00	376	0	0	0	355	0	9
Kyocera Medical Technologies, Inc.	\$1,030,973.07	\$183,400.00	\$0.00	\$0.00	286	5	0	0	116	0	2
Kyowa Kirin Co., Ltd	\$22,754.37	\$1,198,919.99	\$0.00	\$0.00	12	5	0	0	9	5	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Kyowa Kirin Services Ltd	\$12,999.34	\$132,428.00	\$0.00	\$0.00	7	35	0	0	2	1	0
Kyowa Kirin, Inc.	\$2,489,024.84	\$3,566,930.07	\$0.00	\$0.00	14,371	278	0	0	5,110	30	2,923
LEICA MICROSYSYSTEMS INC.	\$426,460.66	\$111,017.00	\$0.00	\$0.00	635	2	0	0	402	13	5
LENOSS MEDICAL INC	\$874.37	\$0.00	\$29,125.00	\$29,125.00	7	0	2	2	8	0	1
LENSAR, Inc.	\$571,131.61	\$0.00	\$174,658.92	\$938,482.74	422	0	2	2	168	0	0
LEO Laboratories Limited	\$1,746.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
LEO Pharma AS	\$240,979.91	\$174,536.75	\$0.00	\$0.00	182	158	0	0	21	0	0
LEO Pharma Inc.	\$2,814,149.34	\$631,425.52	\$0.00	\$0.00	36,665	9	0	0	5,061	0	4,362
LES LABORATOIRES SERVIER	\$20,451.53	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
LIGHTBODY MEDICAL TECHNOLOGIES INC	\$6,395.23	\$0.00	\$0.00	\$0.00	46	0	0	0	30	0	5
LSI SOLUTIONS INC	\$326,270.87	\$0.00	\$0.00	\$0.00	545	0	0	0	391	1	153
La Jolla Pharmaceutical Company	\$407,080.59	\$115,158.95	\$0.00	\$0.00	3,306	6	0	0	1,535	1	580
Laboratory Corporation of America Holdings	\$1,416.57	\$0.00	\$0.00	\$0.00	8	0	0	0	7	0	1
Laborie Medical Technologies Corp.	\$632,034.52	\$15,787.98	\$0.00	\$0.00	2,045	5	0	0	1,357	0	202
Laminate Medical Technologies inc.	\$20,063.19	\$0.00	\$0.00	\$0.00	8	0	0	0	5	0	0
Lantheus Medical Imaging, Inc.	\$877,222.94	\$258,953.75	\$199,952.56	\$2,019,464.00	2,709	33	1	1	1,163	20	446
Laser Specialty Medical, LLC	\$0.00	\$0.00	\$0.00	\$34,001.00	0	0	11	11	11	0	0
LeMaitre Vascular, Inc.	\$281,184.72	\$0.00	\$0.00	\$0.00	3,364	0	0	0	1,605	0	505
Leadant Biosciences, Inc.	\$18,990.08	\$1,063,032.00	\$0.00	\$0.00	82	5	0	0	56	1	8
Legacy Ortho LLC	\$28,288.35	\$0.00	\$0.00	\$0.00	254	0	0	0	84	0	18
Legend Biotech USA Inc.	\$144,674.70	\$0.00	\$0.00	\$0.00	360	0	0	0	92	2	106
Leica Microsystems (Schweiz) AG	\$11,675.00	\$0.00	\$0.00	\$0.00	7	0	0	0	5	0	0
Leica Microsystems Cambridge Limited	\$306.40	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Levita Magnetics International Corp.	\$4,444.01	\$0.00	\$0.00	\$0.00	27	0	0	0	7	0	3
Lexicon Pharmaceuticals, Inc.	\$523,374.71	\$3,697,400.46	\$0.00	\$0.00	9,811	133	0	0	4,104	4	2,305
Lexington Medical, Inc.	\$15,145.52	\$0.00	\$0.00	\$0.00	195	0	0	0	146	0	5
Life Molecular Imaging Ltd	\$5,006.06	\$0.00	\$0.00	\$0.00	203	0	0	0	136	0	36
Life Spine, Inc.	\$412,370.46	\$0.00	\$0.00	\$0.00	591	0	0	0	107	0	11
Life Technologies Corporation	\$994,561.88	\$0.00	\$0.00	\$0.00	31	0	0	0	8	23	0
LifeNet Health	\$181,743.80	\$0.00	\$0.00	\$0.00	1,463	0	0	0	869	0	138
LifeScan, Inc.	\$17,309.20	\$0.00	\$0.00	\$0.00	657	0	0	0	315	0	177
LightForce Orthodontics, Inc.	\$447,864.91	\$0.00	\$200,000.00	\$7,571,000.00	2,355	0	33	33	1,088	0	3

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Lightscape Inc	\$44,922.98	\$0.00	\$0.00	\$0.00	21	0	0	0	6	0	0
Lilly USA, LLC	\$38,892,746.15	\$2,853,254.32	\$0.00	\$0.00	506,330	26	0	0	59,848	57	48,065
LimFlow Inc.	\$475,516.21	\$0.00	\$68,903.00	\$68,903.00	406	0	2	2	163	0	10
Lima USA, Inc.	\$862,145.50	\$297,801.86	\$0.00	\$0.00	306	24	0	0	126	2	2
Limacorporate S.p.A.	\$322,161.60	\$81,929.51	\$0.00	\$0.00	107	17	0	0	37	2	0
Linde Gas & Equipment Inc.	\$289,890.30	\$0.00	\$0.00	\$0.00	836	0	0	0	0	83	0
LinkBio Corp	\$598,102.35	\$50,000.00	\$0.00	\$0.00	273	1	0	0	128	0	4
Linus Health, Inc.	\$11,141.43	\$0.00	\$0.00	\$0.00	571	0	0	0	402	0	168
Linovate Corporation	\$4,591,197.03	\$41,400.00	\$0.00	\$0.00	3,226	2	0	0	1,310	161	2
LivaNova USA, Inc.	\$17,894,807.49	\$10,952,262.03	\$0.00	\$0.00	7,888	3,155	0	0	2,378	37	846
Lombart Brothers, Inc.	\$16,556.83	\$0.00	\$0.00	\$0.00	303	0	0	0	226	0	0
Longeviti Neuro Solutions LLC	\$52,644.58	\$0.00	\$178,000.00	\$178,000.00	88	0	2	2	56	1	5
Lucid Diagnostics Inc.	\$136,930.64	\$1,125,108.21	\$0.00	\$0.00	3,158	141	0	0	1,312	6	725
Lumendi LLC	\$95,161.00	\$8,950.00	\$0.00	\$0.00	40	2	0	0	16	0	0
Lumenis (Germany) GmbH	\$11,811.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Lumenis BE (HK) Limited	\$5,000.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Lumenis BE ANZ Pty Ltd	\$3,530.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Lumenis BE LTD	\$364,900.48	\$0.00	\$0.00	\$0.00	8	0	0	0	8	0	0
Lumenis BE inc	\$1,131,581.29	\$0.00	\$0.00	\$0.00	531	0	0	0	442	0	83
Luminex Corporation	\$197,316.36	\$713,302.65	\$0.00	\$0.00	39	8	0	0	2	13	0
Lundbeck LLC	\$3,936,934.01	\$0.00	\$0.00	\$0.00	78,261	0	0	0	12,171	0	14,230
Lupin Inc.	\$6,210.00	\$101,174.36	\$0.00	\$0.00	8	20	0	0	8	1	0
Luye Pharma (USA) Ltd.	\$39,462.84	\$0.00	\$0.00	\$0.00	65	0	0	0	7	0	1
M.A. Med Alliance S.A.	\$50,750.00	\$2,089,649.36	\$0.00	\$0.00	13	203	0	0	2	21	0
MDD US Operations, LLC	\$1,977,123.50	\$0.00	\$0.00	\$0.00	8,792	0	0	0	1,445	1	592
MED-EL Corporation	\$539,327.89	\$1,030,421.64	\$0.00	\$0.00	719	61	0	0	233	32	8
MEDELA LLC	\$6,355.99	\$0.00	\$0.00	\$0.00	103	0	0	0	65	0	34
MEDICOMP INC	\$19,452.14	\$0.00	\$0.00	\$0.00	669	0	0	0	333	0	202
MEDTEC LLC	\$208.64	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
MENARINI SILICON BIOSYSTEMS, INC.	\$204,077.28	\$815,366.45	\$0.00	\$0.00	305	99	0	0	194	5	55
MILESTONE SCIENTIFIC INC.	\$730,882.74	\$0.00	\$134,322.05	\$503,588.80	55	0	6	6	17	0	0
MILLCENT US INC	\$40,687.95	\$0.00	\$0.00	\$0.00	2,303	0	0	0	999	0	399

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
MIM Software Inc.	\$82,856.50	\$0.00	\$0.00	\$0.00	16	0	0	0	10	6	0
MIS Implants Technologies, Inc.	\$74,422.00	\$50,000.00	\$0.00	\$0.00	11	1	0	0	3	0	0
MIVI Neuroscience, Inc.	\$110,163.01	\$0.00	\$0.00	\$0.00	28	0	0	0	19	0	0
MIZUHO AMERICA, INC.	\$475,185.66	\$0.00	\$0.00	\$0.00	42	0	0	0	31	7	0
MML US, Inc.	\$844,437.63	\$2,371,735.92	\$0.00	\$0.00	3,294	311	0	0	869	8	274
MVP Orthopedics Inc	\$8,130.46	\$0.00	\$0.00	\$0.00	177	0	0	0	101	0	43
MY01 Inc.	\$109,075.56	\$0.00	\$0.00	\$0.00	466	0	0	0	302	0	76
MacroGenics, Inc.	\$3,447.74	\$1,549,808.99	\$0.00	\$0.00	111	2,535	0	0	70	9	36
Maillefer Instruments Holding Sarl	\$324,510.72	\$0.00	\$0.00	\$0.00	6	0	0	0	2	0	0
Mallinckrodt Hospital Products Inc.	\$5,578,695.03	\$3,105,951.26	\$0.00	\$0.00	35,635	86	0	0	9,077	58	2,804
Mallinckrodt LLC	\$432,248.36	\$0.00	\$0.00	\$0.00	11	0	0	0	0	1	0
MannKind Corporation	\$849,222.38	\$4,133,703.19	\$0.00	\$0.00	15,378	273	0	0	2,324	7	1,502
Manual Surgical Sciences, LLC	\$0.00	\$0.00	\$0.00	\$546,989.70	0	0	7	7	7	0	0
Maquet Cardiovascular L.L.C.	\$90,847.89	\$0.00	\$0.00	\$0.00	240	0	0	0	27	0	32
Marinus Pharmaceuticals, Inc.	\$589,600.27	\$5,306,262.99	\$0.00	\$0.00	1,325	952	0	0	491	49	206
Marius Pharmaceuticals, LLC	\$33,250.00	\$0.00	\$0.00	\$115,000.00	3	0	1	1	4	0	0
Masimo Corporation	\$2,024,349.65	\$1,503,288.87	\$0.00	\$0.00	2,455	341	0	0	737	33	689
Masters Drug Company, Inc.	\$124.40	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Materialise NV	\$72,500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
Materialise USA LLC	\$63.83	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Mauna Kea Technologies, Inc.	\$21,968.24	\$122,025.00	\$0.00	\$0.00	662	3	0	0	188	2	232
Maxx Health Inc	\$1,835.98	\$0.00	\$0.00	\$0.00	26	0	0	0	18	0	0
Mayne Pharma Commercial LLC	\$1,919,974.98	\$0.00	\$0.00	\$0.00	57,414	0	0	0	9,645	0	6,586
McKesson Corporation	\$5,089.04	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
McKesson Drug Company LLC	\$30,231.79	\$0.00	\$0.00	\$0.00	13	0	0	0	4	4	0
McKesson Medical-Surgical Minnesota Supply, Inc	\$672.86	\$0.00	\$0.00	\$0.00	20	0	0	0	5	0	9
McKesson Medical-Surgical, Inc.	\$11,212.87	\$0.00	\$0.00	\$0.00	97	0	0	0	54	0	39
McKesson Plasma and Biologics LLC	\$2,500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
McKesson Sourcing Services, Inc.	\$60.37	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
McKesson Specialty Care Distribution, LLC	\$401.05	\$0.00	\$0.00	\$0.00	4	0	0	0	2	0	0
MedAlliance LLC	\$0.00	\$195,385.00	\$0.00	\$0.00	0	33	0	0	0	3	0
MedOne Surgical Inc	\$19,925.48	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
MedShape, Inc.	\$2,993,622.60	\$0.00	\$0.00	\$0.00	1,751	0	0	0	462	0	1
Medacta USA, Inc.	\$6,225,608.06	\$845,467.40	\$0.00	\$0.00	4,382	71	0	0	812	1	83
Medartis Inc.	\$974,574.99	\$114,887.41	\$0.00	\$0.00	649	14	0	0	321	1	8
Medexus Pharma, Inc.	\$54,646.89	\$0.00	\$0.00	\$0.00	58	0	0	0	37	0	9
Medi-Tate Ltd	\$541.70	\$0.00	\$0.00	\$0.00	5	0	0	0	3	0	0
MediView XR, Inc.	\$51,129.86	\$0.00	\$0.00	\$0.00	40	0	0	0	31	0	0
Medical Device Business Services, Inc.	\$19,844,823.18	\$7,826,240.75	\$0.00	\$0.00	25,786	1,442	0	0	4,594	152	1,249
Medical Templates AG	\$3,300.00	\$0.00	\$0.00	\$0.00	6	0	0	0	6	0	0
Medicaroid, Inc.	\$77,890.65	\$0.00	\$0.00	\$0.00	44	0	0	0	13	0	1
Medicem Inc.	\$86,949.14	\$36,623.43	\$0.00	\$0.00	465	8	0	0	278	2	163
Medicines360	\$519,275.55	\$43,105.65	\$0.00	\$0.00	250	11	0	0	117	1	69
Medicure Pharma Inc.	\$15,238.95	\$0.00	\$0.00	\$0.00	167	0	0	0	136	0	29
Medimetriks Pharmaceuticals, Inc.	\$68,224.34	\$0.00	\$0.00	\$0.00	1,360	0	0	0	239	0	196
Medinc of Texas	\$73,947.02	\$0.00	\$0.00	\$0.00	831	0	0	0	386	0	25
Meditrina	\$83,792.38	\$0.00	\$0.00	\$0.00	1,423	0	0	0	1,206	0	6
Medivance, Inc.	\$3,600.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Medivation Inc.	\$25,023.00	\$16,769,242.04	\$0.00	\$0.00	43	1,523	0	0	10	12	0
Medivation Services LLC	\$618.54	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
Medline Industries LP	\$1,591,250.36	\$821,543.46	\$31,714.86	\$158,574.24	4,709	175	2	2	1,541	229	932
Medtronic, Inc.	\$117,561,741.23	\$52,083,152.20	\$0.00	\$0.00	334,993	9,598	0	0	54,918	250	19,821
Medwest Associates	\$74,252.49	\$0.00	\$0.00	\$0.00	712	0	0	0	386	0	47
Medyssey USA, Inc	\$157,944.15	\$0.00	\$0.00	\$0.00	8	0	0	0	8	0	0
Meisinger USA, LLC	\$45,891.43	\$0.00	\$0.00	\$0.00	466	0	0	0	93	0	0
Melinta Therapeutics, LLC	\$669,523.59	\$494,381.30	\$0.00	\$0.00	5,173	59	0	0	1,668	13	713
Menicon	\$292.71	\$0.00	\$0.00	\$0.00	12	0	0	0	4	0	0
Mentor Worldwide LLC	\$738,740.47	\$1,089,107.07	\$0.00	\$0.00	8,081	1,530	0	0	2,589	10	417
Merck Healthcare KGaA	\$75,000.00	\$2,123,936.89	\$0.00	\$0.00	1	317	0	0	1	18	0
Merck KGaA	\$149,939.33	\$635,538.96	\$0.00	\$0.00	53	93	0	0	23	14	1
Merck Serono S.p.A.	\$8,015.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Merck Sharp & Dohme LLC	\$22,262,620.43	\$458,420,254.79	\$0.00	\$0.00	243,873	7,785	0	0	60,969	246	40,374
Merck, S.L.U.	\$2,250.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Mercury Enterprises, Inc.	\$70.52	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Merete Technologies, Inc	\$57,013.51	\$0.00	\$0.00	\$0.00	30	0	0	0	9	1	0
Merge Healthcare Incorporated	\$13,259.04	\$0.00	\$0.00	\$0.00	237	0	0	0	7	27	1
Meridian Bioscience Inc.	\$105,294.38	\$0.00	\$0.00	\$0.00	96	0	0	0	55	4	16
Merit Medical Systems Inc	\$2,395,239.80	\$623,056.72	\$0.00	\$0.00	987	100	0	0	519	49	39
Merz North America, Inc.	\$3,207,571.76	\$697,338.93	\$0.00	\$0.00	22,267	70	0	0	3,232	0	3,240
Merz Pharmaceuticals, LLC	\$1,037,975.68	\$212,793.68	\$0.00	\$0.00	6,148	44	0	0	2,132	21	833
Mesh Suture Inc	\$378.29	\$0.00	\$0.00	\$10,836,000.00	16	0	5	5	17	0	0
Metacel Pharmaceuticals LLC	\$3,038.72	\$0.00	\$0.00	\$0.00	192	0	0	0	113	0	82
Metrex Research, LLC	\$5,842.25	\$0.00	\$0.00	\$0.00	123	0	0	0	105	0	0
Metric Medical Devices, Inc.	\$2,832.41	\$0.00	\$0.00	\$0.00	38	0	0	0	34	0	0
Mevion_Medical_Systems_Inc	\$24,652.84	\$50,414.64	\$0.00	\$0.00	92	3	0	0	42	2	0
MiRus, LLC	\$230,035.23	\$0.00	\$0.00	\$0.00	189	0	0	0	35	0	0
Miach Orthopaedics, Inc.	\$622,835.88	\$928,873.12	\$0.00	\$0.00	290	13	0	0	222	12	26
Michigan Critical Care Consultants, Inc.	\$1,477.48	\$0.00	\$0.00	\$0.00	14	0	0	0	14	0	0
Micro-tech Endoscopy USA, Inc.	\$84,002.56	\$0.00	\$0.00	\$0.00	482	0	0	0	319	0	48
MicroAire Surgical Instruments LLC	\$158,822.18	\$0.00	\$0.00	\$0.00	132	0	0	0	41	0	0
MicroPort CRM USA Inc	\$16,260.79	\$22,210.00	\$0.00	\$0.00	8	5	0	0	5	2	1
MicroPort NaviBot International LLC	\$18,158.33	\$0.00	\$0.00	\$0.00	29	0	0	0	13	0	0
MicroPort Orthopedics Inc	\$2,911,382.50	\$349,104.63	\$0.00	\$0.00	1,567	21	0	0	201	7	15
MicroVention, Inc.	\$2,348,320.56	\$2,085,871.98	\$0.00	\$0.00	3,809	271	0	0	713	38	135
Microgenics Corporation	\$141,254.70	\$0.00	\$0.00	\$0.00	52	0	0	0	0	3	0
Microline Surgical Inc	\$73,590.85	\$0.00	\$0.00	\$0.00	142	0	0	0	40	9	3
Microsurgical Technology, Inc.	\$140,611.19	\$0.00	\$0.00	\$0.00	28	0	0	0	26	0	0
Microtransponder, Inc.	\$50,877.33	\$0.00	\$0.00	\$0.00	412	0	0	0	257	0	61
Mid-Atlantic Surgical Systems, LLC	\$54,707.32	\$0.00	\$0.00	\$0.00	657	0	0	0	256	0	32
Midmark Corporation	\$240,128.60	\$0.00	\$0.00	\$497,644,995.21	316	0	5	5	154	0	3
Midsouth Orthopedics Inc.	\$4,322.61	\$0.00	\$0.00	\$0.00	104	0	0	0	68	0	14
Midwest Surgical Alliance, LLC	\$938,928.00	\$0.00	\$150,891.33	\$1,454,994.37	3	0	16	16	15	0	0
Mighty Oak Medical	\$17,005.36	\$0.00	\$0.00	\$0.00	9	0	0	0	7	0	0
Millennium Spine, LLC	\$0.00	\$0.00	\$411,939.13	\$1,461,594.02	0	0	3	3	2	0	0
Milliken Healthcare Products, LLC	\$15,133.61	\$0.00	\$0.00	\$0.00	93	0	0	0	68	0	15
Mindera Corp	\$11,187.13	\$0.00	\$0.00	\$0.00	6	0	0	0	3	0	2

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Mindray DS USA, Inc.	\$271,950.67	\$0.00	\$0.00	\$0.00	1,227	0	0	0	637	9	430
Mindset Medical	\$0.00	\$114,911.75	\$0.00	\$0.00	0	24	0	0	0	0	0
Minerva Surgical, Inc.	\$92,576.87	\$0.00	\$0.00	\$0.00	1,918	0	0	0	1,370	0	116
Mirati Therapeutics, Inc.	\$1,695,459.70	\$52,357,466.90	\$0.00	\$0.00	10,731	10,882	0	0	3,252	50	1,865
Mirum Pharmaceuticals, Inc.	\$546,557.57	\$1,656,105.45	\$0.00	\$0.00	1,465	353	0	0	499	17	174
Mission Medical Distribution, LLC	\$20,289.44	\$0.00	\$0.00	\$0.00	246	0	0	0	156	0	10
Mission Pharmacal Company	\$65,091.98	\$0.00	\$0.00	\$0.00	765	0	0	0	348	0	195
Mitsubishi Tanabe Pharma America, Inc.	\$200,028.10	\$5,380,545.50	\$0.00	\$0.00	2,774	1,118	0	0	1,129	29	506
Mitsubishi Tanabe Pharma Corporation	\$87,098.21	\$0.00	\$0.00	\$0.00	36	0	0	0	7	0	0
Mobius Therapeutics, LLC	\$0.00	\$0.00	\$0.00	\$15,589.00	0	0	2	2	2	0	0
ModernaTX, Inc.	\$3,626,185.40	\$741,260,781.30	\$0.00	\$0.00	1,973	319,317	0	0	371	43	104
Modulated Imaging, Inc.	\$13,162.27	\$8,876.93	\$0.00	\$0.00	4	1	0	0	3	0	0
Mohawk Hospital Equipment, Inc.	\$201,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
Molnlycke Health Care AB	\$0.00	\$834,538.00	\$0.00	\$0.00	0	15	0	0	0	4	0
Molnlycke Health Care US, LLC	\$161,118.60	\$0.00	\$0.00	\$0.00	1,014	0	0	0	386	13	514
Momentis Surgical Inc.	\$188,711.11	\$0.00	\$0.00	\$0.00	154	0	0	0	43	2	3
Monaghan Medical Corporation	\$17,234.89	\$0.00	\$0.00	\$0.00	383	0	0	0	343	7	11
Monteris Medical Corporation	\$313,433.01	\$832,126.45	\$0.00	\$0.00	500	254	0	0	245	12	31
MorphoSys AG	\$17,230.50	\$5,429,589.62	\$0.00	\$0.00	11	1,318	0	0	13	24	0
MorphoSys, US Inc.	\$287,131.84	\$200,000.00	\$0.00	\$0.00	3,776	1	0	0	1,514	23	1,045
Motive Health, Inc.	\$854.55	\$0.00	\$0.00	\$0.00	11	0	0	0	3	0	0
Mozarc Medical US LLC	\$47,700.77	\$0.00	\$0.00	\$0.00	878	0	0	0	382	0	81
Murata Vios, Inc.	\$1,125.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Musculoskeletal Transplant Foundation Inc.	\$1,862,972.29	\$413,993.26	\$0.00	\$0.00	4,094	25	0	0	1,719	5	201
Mycovia Pharmaceuticals, Inc.	\$29,629.58	\$0.00	\$0.00	\$0.00	1,014	0	0	0	615	0	315
Mylan Inc.	\$140,811.11	\$480,383.49	\$0.00	\$0.00	173	26	0	0	29	3	7
Mylan Institutional Inc.	\$36,509.07	\$0.00	\$0.00	\$0.00	1,749	0	0	0	900	0	518
Mylan Pharmaceuticals Inc.	\$0.00	\$1,019,955.12	\$0.00	\$0.00	0	17	0	0	0	0	0
Mylan Specialty L.P.	\$1,405,972.58	\$3,603,889.65	\$0.00	\$0.00	28,613	412	0	0	6,904	12	5,004
Myocardial Solutions, Inc.	\$3,146.74	\$36,120.00	\$0.00	\$0.00	6	2	0	0	5	1	0
Myomo, Inc	\$15,750.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Myriad Genetic Laboratories, Inc.	\$1,310,124.17	\$361,773.06	\$0.00	\$0.00	16,026	34	0	0	4,040	5	2,041

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Myriad Women's Health, Inc.	\$690,978.39	\$0.00	\$0.00	\$0.00	4,116	0	0	0	1,813	0	1,137
NATUS MEDICAL INCORPORATED	\$37,457.87	\$0.00	\$0.00	\$0.00	27	0	0	0	26	0	0
NDLX Health Sciences, LLC	\$0.00	\$60,000.00	\$0.00	\$0.00	0	12	0	0	1	0	0
NEUROLOGY PRACTICE CONSORTIUM GPO, LLC	\$0.00	\$0.00	\$1,072,869.44	\$3,026,252.10	0	0	36	36	36	0	0
NICO Corporation	\$55,631.28	\$0.00	\$0.00	\$0.00	18	0	0	0	14	0	0
NIDEK CO., LTD.	\$67,680.00	\$0.00	\$0.00	\$0.00	7	0	0	0	4	2	0
NOVARTIS PHARMACEUTICALS CORPORATION	\$15,943,732.66	\$374,735,276.01	\$0.00	\$0.00	376,771	6,488	0	0	60,096	164	31,369
NS Pharma, Inc.	\$138,960.70	\$332,407.75	\$0.00	\$0.00	575	185	0	0	194	7	60
NSK AMERICA CORPORATION	\$27,154.73	\$0.00	\$0.00	\$0.00	18	0	0	0	15	0	0
NX Development Corp.	\$7,650.00	\$342,321.00	\$0.00	\$0.00	1	21	0	0	9	13	0
Nalu Medical, Inc.	\$759,088.77	\$2,771,141.57	\$0.00	\$3,393.00	5,823	305	3	3	1,404	0	701
NanoFuse Biologics LLC	\$0.00	\$0.00	\$0.00	\$190,000.00	0	0	2	2	2	0	0
NanoHive Medical LLC	\$26,082.22	\$0.00	\$133,035.00	\$1,298,914.00	38	0	3	3	23	0	0
Nanovis LLC	\$11,911.69	\$0.00	\$1,970,466.42	\$3,206,961.12	13	0	12	12	23	0	0
Napo Pharmaceuticals Inc	\$187,443.20	\$583,844.19	\$0.00	\$0.00	1,836	114	0	0	271	2	282
National Marrow Donor Program	\$4,341,579.34	\$4,499,974.45	\$0.00	\$0.00	1,260	557	0	0	140	122	13
Neo Spine USA Inc	\$175,855.21	\$0.00	\$0.00	\$0.00	114	0	0	0	22	0	0
Neos Therapeutics, LP	\$273,456.38	\$0.00	\$0.00	\$0.00	8,983	0	0	0	1,741	0	1,831
Neovasc Medical Inc	\$38,070.00	\$0.00	\$0.00	\$0.00	9	0	0	0	4	0	0
Nestle HealthCare Nutrition Inc.	\$1,128,313.18	\$154,376.48	\$0.00	\$0.00	28,074	15	0	0	7,119	9	4,600
NeurAxis, Inc.	\$6,475.96	\$0.00	\$0.00	\$0.00	47	0	0	0	35	5	4
NeuraSignal Inc.	\$8,900.00	\$0.00	\$0.00	\$0.00	4	0	0	0	3	0	1
Neurelis, Inc.	\$1,952,232.43	\$837,354.81	\$0.00	\$0.00	16,016	118	0	0	3,702	19	2,585
Neurent Medical Limited	\$423,343.21	\$714,936.10	\$0.00	\$0.00	1,014	67	0	0	311	0	43
NeuroLogica Corporation, a subsidiary of Samsung Electronics Co., Ltd.	\$317,558.42	\$0.00	\$0.00	\$0.00	253	0	0	0	110	23	11
NeuroMetrix Inc	\$91,730.15	\$118,862.57	\$0.00	\$0.00	74	2	0	0	50	2	26
NeuroPace, Inc.	\$394,160.57	\$1,082,882.44	\$0.00	\$0.00	1,206	2,372	0	0	518	19	0
Neurocrine Biosciences, Inc.	\$15,426,500.24	\$2,294,612.39	\$0.00	\$0.00	82,999	610	0	0	8,345	37	13,257
Neuronetics, Inc.	\$882,567.86	\$122,283.00	\$0.00	\$0.00	1,672	9	0	0	530	1	476
Nevro Corp.	\$2,587,358.51	\$1,692,139.38	\$0.00	\$0.00	30,962	778	0	0	8,417	10	3,499
New Standard Device, LLC dba Metalogix	\$116,947.14	\$0.00	\$0.00	\$0.00	17	0	0	0	15	0	0
New View Surgical, Inc.	\$2,437.24	\$0.00	\$0.00	\$0.00	18	0	0	0	14	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
New Wave Endo-Surgical Corp.	\$1,816.32	\$0.00	\$1,164,000.00	\$1,164,000.00	1	0	10	10	11	0	0
New York Blood Center, Inc.	\$211,714.66	\$6,252.27	\$0.00	\$0.00	13	1	0	0	4	9	0
Next Science LLC	\$153,340.01	\$86,407.86	\$0.00	\$0.00	4,212	26	0	0	1,809	2	360
NextStep Arthropedix, LLC	\$243,750.13	\$0.00	\$0.00	\$0.00	39	0	0	0	32	0	1
Nexus CMF, LLC	\$63,042.52	\$0.00	\$0.00	\$0.00	151	0	0	0	23	0	0
Nexus Spine, LLC	\$73,204.94	\$0.00	\$0.00	\$0.00	99	0	0	0	16	0	0
Nexxt Spine LLC	\$266,123.02	\$5,000.00	\$0.00	\$0.00	369	1	0	0	84	0	12
Nidek Incorporated	\$10,937.50	\$0.00	\$0.00	\$0.00	2	0	0	0	0	2	0
Nielsen BioSciences, Inc.	\$0.00	\$21,100.00	\$0.00	\$0.00	0	1	0	0	1	0	0
Nihon Cochlear Co Ltd	\$306.79	\$0.00	\$0.00	\$0.00	3	0	0	0	2	0	0
Nippon Shinyaku Co.,Ltd	\$897.73	\$0.00	\$0.00	\$0.00	4	0	0	0	2	0	0
Noah Medical Corporation	\$588,197.54	\$0.00	\$0.00	\$0.00	1,300	0	0	0	149	0	3
Nobel Biocare USA	\$2,563,077.57	\$0.00	\$0.00	\$0.00	29,105	0	0	0	14,965	0	17
Nobelpharma America, LLC	\$26,519.51	\$17,218.00	\$0.00	\$0.00	213	6	0	0	105	0	52
Nonagen Bioscience Corp	\$20,781.25	\$0.00	\$0.00	\$0.00	6	0	0	0	6	0	0
Nonin Medical, Inc.	\$26,612.70	\$6,741.54	\$0.00	\$0.00	6	2	0	0	4	3	1
North American Rescue, LLC	\$12,511.10	\$0.00	\$0.00	\$0.00	2	0	0	0	1	1	0
Northern X-Ray Company	\$4,993.89	\$0.00	\$0.00	\$0.00	11	0	0	0	6	0	0
Northgate Technologies, Inc.	\$2,647.21	\$0.00	\$0.00	\$0.00	84	0	0	0	66	0	11
NovApproach Spine, LLC	\$37,581.74	\$0.00	\$2,956,265.00	\$3,890,362.00	54	0	23	23	41	0	0
Novartis Gene Therapies, Inc. (fka AveXis, Inc.)	\$226,815.35	\$583,362.98	\$0.00	\$0.00	333	213	0	0	85	23	9
Novartis Pharma AG	\$300,931.95	\$760,079.66	\$0.00	\$0.00	99	145	0	0	84	4	4
Novastep Inc.	\$699,772.29	\$0.00	\$0.00	\$0.00	805	0	0	0	141	0	1
Novavax Inc	\$256,595.46	\$46,471,989.00	\$0.00	\$0.00	381	4,107	0	0	204	3	106
Noven Pharmaceuticals, Inc.	\$178,107.29	\$0.00	\$0.00	\$0.00	239	0	0	0	67	0	75
Noven Therapeutics, LLC	\$95,938.49	\$0.00	\$0.00	\$0.00	5,458	0	0	0	1,108	0	1,449
Novo Nordisk AS	\$1,901,267.48	\$70,733,140.96	\$0.00	\$0.00	582	85,597	0	0	233	47	22
Novo Nordisk Health Care AG	\$319,766.23	\$165,086.01	\$0.00	\$0.00	139	13	0	0	55	3	2
Novo Nordisk Inc	\$21,860,174.81	\$13,014,822.20	\$0.00	\$0.00	485,058	1,414	0	0	57,741	19	45,725
Novo Nordisk Research Center Seattle, Inc.	\$253.82	\$187,003.42	\$0.00	\$0.00	6	2	0	0	4	2	0
NovoSource, LLC	\$9,323.89	\$0.00	\$0.00	\$0.00	4	0	0	0	3	0	1
Novocure GmbH	\$170,961.29	\$4,590,506.07	\$0.00	\$0.00	40	646	0	0	27	28	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Novocure Inc.	\$1,021,259.18	\$2,753,920.84	\$0.00	\$0.00	3,519	621	0	0	1,114	44	538
Novocure Israel Ltd	\$0.00	\$138,036.00	\$0.00	\$0.00	0	2	0	0	0	0	0
Novonate Inc	\$18,709.82	\$0.00	\$0.00	\$0.00	4	0	0	0	3	0	1
Novus Surgical Consultants	\$64,647.69	\$0.00	\$0.00	\$0.00	671	0	0	0	263	0	47
NuMED for Children, LLC	\$124,188.42	\$0.00	\$0.00	\$0.00	6	0	0	0	5	0	0
NuSmile, Ltd.	\$269,128.98	\$1,250.00	\$0.00	\$0.00	780	2	0	0	396	0	0
NuVasive Specialized Orthopedics, Inc.	\$1,176,010.89	\$0.00	\$0.00	\$0.00	330	0	0	0	124	0	6
NuVasive, Inc.	\$19,682,765.28	\$1,868,549.76	\$0.00	\$3,390,836.28	12,833	506	7	7	1,662	20	230
Nucletron B.V.	\$15,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	1	0
Nucletron Operations B.V.	\$91,692.50	\$0.00	\$0.00	\$0.00	11	0	0	0	3	1	0
Nuo Therapeutics	\$2,716.32	\$0.00	\$0.00	\$0.00	56	0	0	0	26	0	3
Nutech Spine, Inc.	\$76,127.08	\$0.00	\$0.00	\$0.00	55	0	0	0	12	0	0
Nuwellis, Inc.	\$385,795.17	\$0.00	\$0.00	\$0.00	319	0	0	0	180	4	44
Nvision Biomedical Technologies, Inc.	\$97,348.09	\$0.00	\$0.00	\$0.00	78	0	0	0	33	0	0
NxStage Medical, Inc.	\$154,813.22	\$0.00	\$0.00	\$0.00	1,160	0	0	0	583	0	216
O&M Halyard, Inc.	\$241,500.00	\$0.00	\$0.00	\$0.00	12	0	0	0	1	0	0
OCULUS, Inc.	\$287,062.22	\$0.00	\$0.00	\$0.00	101	0	0	0	29	0	0
OMEGA MEDICAL IMAGING, LLC	\$2,530.51	\$0.00	\$0.00	\$0.00	16	0	0	0	14	0	0
OMNLife science, Inc	\$1,301,282.87	\$91,921.42	\$0.00	\$1,197,674.58	961	34	5	5	94	4	8
ONY Biotech Inc.	\$27,623.21	\$17,000.00	\$0.00	\$0.00	39	6	0	0	14	1	0
OPHTEC USA, Inc.	\$15,500.00	\$12,000.00	\$0.00	\$0.00	1	3	0	0	4	0	0
OPKO Pharmaceuticals, LLC	\$227,452.76	\$286,027.55	\$0.00	\$0.00	8,246	33	0	0	1,829	7	630
ORPHALAN INC	\$70,847.32	\$0.00	\$0.00	\$0.00	162	0	0	0	83	0	37
ORTHALIGN INC	\$222,484.74	\$0.00	\$673,254.14	\$673,254.14	581	0	8	8	315	0	15
OSSIO INC	\$260,834.63	\$0.00	\$0.00	\$0.00	634	0	0	0	438	0	3
OSSIO LTD	\$181,364.00	\$0.00	\$0.00	\$1,115,176.00	3	0	13	13	14	0	0
OWP Pharmaceuticals, Inc.	\$8,477.19	\$0.00	\$0.00	\$0.00	387	0	0	0	133	0	219
Oasis Medical, Inc.	\$74,518.39	\$0.00	\$0.00	\$0.00	45	0	0	0	45	0	0
Octapharma USA, Inc.	\$402,646.73	\$2,443,676.56	\$0.00	\$0.00	4,931	151	0	0	2,007	7	846
Ocular Therapeutix, Inc.	\$814,806.95	\$586,766.86	\$0.00	\$0.00	3,483	31	0	0	1,594	0	12
Oculotix, Inc.	\$0.00	\$0.00	\$350.00	\$350.00	0	0	1	1	1	0	0
Oculus Surgical Inc.	\$106,678.58	\$0.00	\$0.00	\$0.00	78	0	0	0	39	0	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Olea Medical	\$212,239.16	\$100,000.00	\$0.00	\$0.00	18	1	0	0	7	1	0
Olympus America Inc.	\$3,233,794.76	\$0.00	\$0.00	\$0.00	7,603	0	0	0	3,727	295	908
Olympus Corporation	\$511,544.38	\$0.00	\$0.00	\$0.00	598	0	0	0	114	1	1
Olympus Corporation of the Americas	\$4,651,667.36	\$1,271,805.29	\$0.00	\$0.00	4,240	44	0	0	526	35	6
Olympus Latin America, Inc.	\$60,628.45	\$0.00	\$0.00	\$0.00	150	0	0	0	51	3	0
Olympus Medical Systems Corporation	\$300,209.45	\$0.00	\$0.00	\$0.00	71	0	0	0	38	1	0
Olympus Winter & Ibe GmbH	\$4,836.47	\$1,250.00	\$0.00	\$0.00	3	1	0	0	1	0	0
Omnia Medical, LLC	\$4,981,183.28	\$0.00	\$0.00	\$0.00	27	0	0	0	26	0	0
Omniscient Neurotechnology America Ltd	\$45,253.54	\$0.00	\$0.00	\$0.00	201	0	0	0	102	0	30
OnMark, Inc.	\$33,439.98	\$0.00	\$0.00	\$0.00	53	0	0	0	10	0	1
One Lambda, Inc.	\$12,546.20	\$0.00	\$0.00	\$0.00	9	0	0	0	8	0	0
Onkos Surgical, Inc.	\$283,315.30	\$0.00	\$0.00	\$0.00	273	0	0	0	114	0	11
OpGen, Inc.	\$4,175.00	\$8,820.00	\$0.00	\$0.00	3	1	0	0	3	1	0
Opsens Inc.	\$173,963.90	\$0.00	\$0.00	\$0.00	504	0	0	0	171	0	0
OptiNose US, Inc.	\$840,522.97	\$113,244.00	\$0.00	\$0.00	13,741	43	0	0	3,055	9	1,347
Optimotion Implants, LLC	\$14,000.00	\$0.00	\$0.00	\$7,954,583.00	2	0	4	4	3	0	0
Optos plc	\$101,718.51	\$0.00	\$0.00	\$0.00	39	0	0	0	5	0	0
Optos, Inc.	\$343,051.53	\$0.00	\$0.00	\$0.00	3,301	0	0	0	2,351	0	178
OptumHealth Care Solutions, LLC	\$16,529.22	\$0.00	\$0.00	\$0.00	717	0	0	0	382	0	153
OraBio, Inc.	\$32,139.48	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
OraPharma, a division of Bausch Health US, LLC	\$512,915.94	\$0.00	\$0.00	\$0.00	6,831	0	0	0	4,810	0	4
OraSure Technologies Inc.	\$214,385.48	\$946,528.41	\$0.00	\$0.00	46	98	0	0	5	1	1
Orexo US, Inc.	\$35,621.83	\$1,135,197.42	\$0.00	\$0.00	2,108	137	0	0	512	0	580
Organ Recovery Systems, Inc.	\$175,949.30	\$454,878.26	\$0.00	\$0.00	64	18	0	0	19	3	1
OrganOx Ltd	\$56,047.63	\$760,884.04	\$0.00	\$0.00	82	155	0	0	37	5	0
Organogenesis Inc.	\$1,935,968.06	\$0.00	\$0.00	\$0.00	26,617	0	0	0	7,234	0	2,022
Organon LLC	\$4,715,849.10	\$25,171,491.73	\$0.00	\$0.00	39,277	3,754	0	0	12,039	116	9,126
Orion Corporation	\$7,800.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Ormco Corporation	\$1,732,091.71	\$0.00	\$0.00	\$0.00	8,872	0	0	0	3,678	0	3
OrphAI Therapeutics Inc.	\$25,562.50	\$27,195.25	\$0.00	\$0.00	4	1	0	0	4	1	0
Orpyx Medical Technologies Inc.	\$49,451.18	\$0.00	\$0.00	\$0.00	23	0	0	0	5	0	0
Orpyx Medical Technologies US Inc.	\$2,261.78	\$0.00	\$0.00	\$0.00	81	0	0	0	79	0	2

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Ortho Dermatologics, a division of Bausch Health US, LLC	\$844,168.51	\$0.00	\$0.00	\$0.00	13,537	0	0	0	3,395	0	2,240
Ortho Development Corporation	\$3,449,466.97	\$0.00	\$0.00	\$0.00	1,088	0	0	0	135	1	5
Ortho Organizers, Inc.	\$476,431.85	\$0.00	\$0.00	\$0.00	1,284	0	0	0	846	0	0
Ortho Solutions Inc	\$187,691.79	\$0.00	\$0.00	\$0.00	175	0	0	0	58	0	2
Ortho Technology, Inc	\$207.74	\$0.00	\$0.00	\$0.00	8	0	0	0	7	0	0
Ortho-Clinical Diagnostics, Inc.	\$115,313.13	\$2,090,041.76	\$0.00	\$0.00	50	191	0	0	33	11	0
Ortho2, LLC	\$55,081.28	\$0.00	\$0.00	\$0.00	23	0	0	0	8	0	0
OrthoPediatrics Canada ULC	\$84,506.01	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
OrthoPediatrics Corp.	\$1,971,164.12	\$0.00	\$0.00	\$0.00	756	0	0	0	318	3	1
OrthoXel Designated Activity Company	\$8,620.00	\$0.00	\$0.00	\$0.00	10	0	0	0	6	0	0
Orthofix Medical, Inc.	\$9,090,375.29	\$1,085,884.62	\$0.00	\$0.00	12,327	112	0	0	3,674	18	959
OssDsign Incorporated	\$99,958.94	\$199,205.00	\$0.00	\$0.00	192	18	0	0	119	0	2
Osseus Fusion Systems, LLC	\$539,219.35	\$0.00	\$0.00	\$0.00	126	0	0	0	37	0	0
OsteoCentric Technologies, Inc.	\$267,682.50	\$0.00	\$1,179,013.00	\$7,912,088.00	638	0	24	24	447	0	19
Osteogenics Biomedical Inc.	\$126,870.73	\$0.00	\$0.00	\$0.00	29	0	0	0	5	0	0
Osteoremedies, LLC	\$417,859.62	\$9,450.00	\$0.00	\$0.00	112	1	0	0	39	2	3
Ostial Corporation	\$3,003.13	\$0.00	\$0.00	\$188,704.81	37	0	9	9	36	0	2
Otsuka America Pharmaceutical, Inc.	\$13,852,187.61	\$0.00	\$0.00	\$0.00	180,139	0	0	0	24,803	18	28,264
Otsuka Pharmaceutical Co., Ltd.	\$585,468.87	\$0.00	\$0.00	\$0.00	162	0	0	0	24	1	0
Otsuka Pharmaceutical Development & Commercialization, Inc.	\$2,603,339.87	\$7,002,336.07	\$0.00	\$0.00	3,256	315	0	0	1,155	18	1,130
Otter Pharmaceuticals, LLC	\$14,426.85	\$0.00	\$0.00	\$0.00	13	0	0	0	4	0	1
Otto Bock HealthCare LP	\$831.62	\$0.00	\$0.00	\$0.00	36	0	0	0	20	0	17
Ottobock SE & Co. KGaA	\$187,500.00	\$306,000.00	\$0.00	\$0.00	1	4	0	0	0	1	0
Outset Medical Inc	\$593,199.47	\$0.00	\$0.00	\$0.00	453	0	0	0	248	0	39
Owens & Minor Distribution, Inc.	\$606.69	\$0.00	\$0.00	\$0.00	17	0	0	0	13	0	3
Oxford Immunotec USA Inc	\$29,114.57	\$86,468.37	\$0.00	\$0.00	8	12	0	0	4	0	0
Oyster Point Pharma, Inc.	\$1,932,342.55	\$1,019,159.45	\$0.00	\$0.00	27,773	90	0	0	10,841	6	118
PAINTEQ LLC	\$526,943.62	\$18,236.25	\$0.00	\$0.00	3,744	14	0	0	1,083	0	337
PARI Respiratory Equipment, Inc.	\$137.88	\$0.00	\$0.00	\$0.00	8	0	0	0	5	0	2
PAVmed Inc.	\$26,820.08	\$0.00	\$0.00	\$0.00	11	0	0	0	1	0	0
PBG Puerto Rico LLC	\$63,955.66	\$0.00	\$0.00	\$0.00	2,778	0	0	0	1,213	2	15
PENTAX of America, Inc.	\$273,333.72	\$531,387.73	\$0.00	\$0.00	549	40	0	0	308	28	30

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
PFIZER S.A.S.	\$4,522.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
PFIZER ZONA FRANCA, S.A.	\$534.74	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
PFM Medical, Inc.	\$24,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
POLARIS TECHNOLOGY SOLUTIONS LLC	\$17,852.17	\$0.00	\$0.00	\$0.00	187	0	0	0	91	0	22
PPOD Orthotics Inc.	\$773.48	\$0.00	\$0.00	\$0.00	11	0	0	0	6	0	3
PROCEPT BioRobotics Corporation	\$1,461,994.03	\$67,730.37	\$0.00	\$0.00	5,692	23	0	0	2,008	4	508
PROTEGA PHARMACEUTIALS INC	\$43,389.87	\$0.00	\$0.00	\$0.00	1,805	0	0	0	367	0	359
PTC Therapeutics, Inc.	\$610,267.96	\$12,671,414.60	\$0.00	\$0.00	775	1,427	0	0	274	37	77
PULPDENT CORPORATION	\$54,222.59	\$114,000.00	\$0.00	\$0.00	130	2	0	0	125	0	0
Pacira Pharmaceuticals Incorporated	\$5,500,117.03	\$0.00	\$0.00	\$0.00	17,173	0	0	0	6,150	15	4,168
Pajunk Medical Systems, LP	\$18,798.57	\$0.00	\$0.00	\$0.00	55	0	0	0	28	0	26
Paladin Technology Solutions	\$22,015.84	\$0.00	\$0.00	\$0.00	335	0	0	0	172	0	6
Palette Life Sciences, Inc.	\$1,291,450.80	\$473,737.00	\$0.00	\$0.00	1,485	35	0	0	550	2	55
Par Pharmaceutical, Inc.	\$1,365.84	\$0.00	\$0.00	\$0.00	14	0	0	0	2	1	1
ParaPRO, LLC	\$84,704.00	\$0.00	\$0.00	\$0.00	5	0	0	0	4	0	1
Paragon 28, Inc.	\$4,677,459.18	\$322,354.48	\$0.00	\$0.00	5,090	49	0	0	1,879	11	35
Paragonix Technologies, Inc.	\$1,091,560.62	\$913,208.08	\$0.00	\$0.00	253	87	0	0	80	6	5
Paratek Pharmaceuticals, Inc.	\$1,480,880.62	\$2,137,922.42	\$0.00	\$0.00	20,117	209	0	0	6,175	14	2,564
Partner Therapeutics, Inc.	\$426,412.09	\$955,849.36	\$0.00	\$0.00	58	17	0	0	25	3	1
Pathway Medical Partners, LLC	\$16,000.00	\$0.00	\$0.00	\$0.00	8	0	0	0	6	0	0
Patterson Companies, Inc.	\$1,298,471.30	\$0.00	\$0.00	\$0.00	3,913	0	0	0	2,923	0	5
Peerless Surgical Inc.	\$120,222.36	\$0.00	\$0.00	\$0.00	1,184	0	0	0	378	0	129
Penumbra, Inc.	\$5,031,514.70	\$1,372,090.02	\$0.00	\$0.00	18,460	576	0	0	5,304	57	346
Perfuzo Limited	\$22,910.22	\$0.00	\$184,974.67	\$236,608.22	5	0	6	6	7	0	0
Perrigo Company plc	\$72,390.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Perspectum Diagnostics Ltd	\$1,221,463.25	\$0.00	\$0.00	\$0.00	172	0	0	0	81	2	11
Peter Brasseler Holdings, LLC	\$2,169,811.13	\$0.00	\$0.00	\$0.00	431	0	0	0	259	0	0
Pfizer Chile S.A.	\$45,683.41	\$0.00	\$0.00	\$0.00	15	0	0	0	5	0	0
Pfizer Corporation Hong Kong Limited	\$625.00	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
Pfizer Inc.	\$35,861,264.42	\$630,457,521.45	\$0.00	\$0.00	513,465	37,660	0	0	95,612	245	54,402
Pfizer International LLC	\$100,856.22	\$0.00	\$0.00	\$0.00	25	0	0	0	16	0	0
Pfizer Pharma GmbH	\$60.68	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Phadia AB	\$1,500.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Phadia US Inc.	\$306,551.18	\$75,220.00	\$0.00	\$0.00	6,048	6	0	0	2,979	2	2,312
PharmaEssentia USA Corporation	\$802,381.40	\$1,138,420.90	\$0.00	\$0.00	3,854	105	0	0	1,303	15	927
Pharmaceutical Business Consultants Limited	\$44,001.11	\$0.00	\$0.00	\$0.00	22	0	0	0	11	0	0
Pharmacia & Upjohn Company LLC	\$14,272.24	\$0.00	\$0.00	\$0.00	5	0	0	0	0	2	0
Pharmacosomes Therapeutics Inc.	\$1,095,836.22	\$0.00	\$0.00	\$0.00	4,934	0	0	0	1,634	0	1,354
Pharmacyclics LLC, An AbbVie Company	\$1,297,368.78	\$177,211,811.55	\$0.00	\$0.00	15,534	1,517	0	0	3,562	52	2,908
Pharming Healthcare, Inc.	\$1,279,882.23	\$85,545.20	\$0.00	\$0.00	5,817	5	0	0	1,930	2	719
Phasor Health, LLC	\$0.00	\$0.00	\$745,000.00	\$1,934,692.20	0	0	13	13	13	0	0
Phathom Pharmaceuticals, Inc.	\$221,192.05	\$0.00	\$0.00	\$0.00	2,791	0	0	0	1,534	0	939
Philadelphia Medical Management Company LLC	\$0.00	\$0.00	\$0.00	\$3,550,000.00	0	0	13	13	13	0	1
Philips Electronics North America Corporation	\$5,098,308.50	\$4,402,022.91	\$0.00	\$0.00	31,151	279	0	0	13,478	56	2,790
Photocure Inc	\$113,652.81	\$231,370.00	\$0.00	\$0.00	632	36	0	0	423	7	99
PhotoniCare Inc	\$4,402.72	\$0.00	\$192,876.60	\$118,582.27	182	0	5	5	121	0	57
Piedmont Plus Innovation	\$31,255.54	\$0.00	\$0.00	\$0.00	244	0	0	0	74	0	15
Pierre Fabre Pharmaceuticals, Inc.	\$58,579.55	\$0.00	\$0.00	\$0.00	197	0	0	0	93	1	43
Pinnacle Biologics, Inc	\$155,854.50	\$0.00	\$0.00	\$0.00	374	0	0	0	117	2	5
Pinnacle, Inc	\$76,860.42	\$0.00	\$0.00	\$0.00	1,028	0	0	0	336	0	43
Pioneer Surgical Technology, Inc.	\$48,660.93	\$0.00	\$0.00	\$0.00	26	0	0	0	5	0	0
Piramal Critical Care	\$71,537.34	\$0.00	\$0.00	\$0.00	381	0	0	0	174	0	59
Planmeca USA, Inc.	\$242,149.44	\$0.00	\$0.00	\$0.00	428	0	0	0	190	1	1
Planmed, Inc.	\$5,000.00	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
Podometrics, Inc.	\$113,730.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Polarean, Inc.	\$55,655.09	\$0.00	\$0.00	\$0.00	3	0	0	0	0	2	0
PolyNovo North America LLC	\$130,141.87	\$0.00	\$0.00	\$0.00	2,441	0	0	0	1,420	0	148
Polymedco, LLC	\$4,500.00	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Poriferous LLC	\$22,647.28	\$0.00	\$0.00	\$0.00	19	0	0	0	18	0	0
Potero Medical, Inc.	\$76,131.82	\$0.00	\$446,159.00	\$81,851.00	149	0	6	6	99	0	30
Preceptis Medical, Inc.	\$61,102.81	\$0.00	\$0.00	\$1,876,909.00	64	0	9	9	61	0	9
Precision Medical Products Inc.	\$79.24	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Precision Spine, Inc.	\$515,075.63	\$0.00	\$0.00	\$0.00	197	0	0	0	68	0	2
Premia Spine, Ltd.	\$2,800.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0

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Premier Dental Products Company	\$13,046.11	\$0.00	\$0.00	\$0.00	219	0	0	0	209	0	0
Prexion, Inc.	\$64,250.00	\$0.00	\$0.00	\$0.00	37	0	0	0	11	0	0
Prime Surgical, LLC	\$27,766.68	\$0.00	\$0.00	\$0.00	213	0	0	0	102	0	6
Prismatik Dentalcraft, Inc.	\$567,875.13	\$0.00	\$0.00	\$0.00	29	0	0	0	3	0	0
Procyron, Inc.	\$36,367.59	\$288,580.29	\$0.00	\$133,972.84	28	18	2	2	24	6	1
Prodigy Surgical Distribution, Inc.	\$95,881.33	\$0.00	\$0.00	\$0.00	355	0	0	0	142	0	28
Profound Medical Corp.	\$26,929.22	\$0.00	\$0.00	\$0.00	173	0	0	0	116	0	7
Progenics Pharmaceuticals, Inc.	\$1,711,450.54	\$698,728.36	\$0.00	\$0.00	6,801	100	0	0	2,760	14	1,110
Progentec Diagnostics, Inc.	\$1,654.08	\$0.00	\$0.00	\$0.00	14	0	0	0	13	0	1
Promega Corporation	\$348.66	\$0.00	\$0.00	\$0.00	7	0	0	0	5	0	0
Provepharm Inc.	\$143,746.06	\$152,073.01	\$0.00	\$0.00	57	18	0	0	33	1	7
Providence Medical Technology, Inc.	\$295,315.59	\$669,595.48	\$2,263,808.00	\$2,263,808.00	1,553	115	8	8	589	6	57
Provisio Medical	\$31,488.42	\$0.00	\$0.00	\$0.00	34	0	0	0	23	0	1
Prytime Medical Devices, Inc.	\$253,526.00	\$139,839.12	\$0.00	\$0.00	363	12	0	0	159	3	13
Pulmonx Corporation	\$639,270.50	\$475,303.51	\$0.00	\$0.00	3,789	108	0	0	1,673	10	485
Puma Biotechnology, Inc.	\$684,967.83	\$2,729,050.05	\$0.00	\$0.00	5,255	85	0	0	1,817	22	1,244
Purdue Pharma L.P.	\$3,509,307.29	\$213,508.13	\$0.00	\$0.00	145	33	0	0	57	5	23
Purdue Pharmaceuticals L.P.	\$235,813.32	\$0.00	\$0.00	\$0.00	60	0	0	0	1	0	2
PureLife, LLC	\$252,580.00	\$0.00	\$0.00	\$0.00	3,444	0	0	0	1,031	0	0
Pylant Medical	\$67,918.05	\$0.00	\$0.00	\$0.00	1,166	0	0	0	535	0	77
Pyros Pharmaceuticals, Inc.	\$6,132.39	\$0.00	\$0.00	\$0.00	21	0	0	0	17	0	3
QAPEL MEDICAL INC	\$232,122.46	\$0.00	\$0.00	\$0.00	215	0	0	0	189	0	14
QOL Medical, LLC	\$596,771.52	\$924,618.56	\$0.00	\$0.00	16,636	72	0	0	3,214	11	2,166
QT Imaging, Inc.	\$33,600.58	\$0.00	\$0.00	\$0.00	9	0	0	0	1	0	0
Qfix	\$14,475.60	\$0.00	\$0.00	\$0.00	8	0	0	0	4	1	3
Qiagen, LLC	\$1,097,930.10	\$636,830.52	\$0.00	\$0.00	470	17	0	0	117	100	101
Quanta Dialysis Technologies Inc	\$20,546.22	\$1,458,009.30	\$0.00	\$0.00	32	592	0	0	29	1	0
Quest Medical Inc.	\$6,219.31	\$15,814.08	\$0.00	\$0.00	9	1	0	0	4	0	5
Quidel Corporation	\$319,255.40	\$6,387,389.49	\$603,961.68	\$603,961.68	210	259	2	2	167	7	12
RARE DISEASE THERAPEUTICS, INC.	\$2,156.77	\$0.00	\$0.00	\$0.00	111	0	0	0	63	0	51
REBISCAN	\$30,827.11	\$0.00	\$445,000.00	\$5,848,938.76	2	0	26	26	18	1	0
RECORDATI_RARE_DISEASES_INC.	\$81,486.73	\$218,214.21	\$0.00	\$0.00	3,861	197	0	0	1,462	3	782

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
RELJA Innovations LLC	\$1,082.49	\$0.00	\$0.00	\$0.00	6	0	0	0	6	0	0
RGH Enterprises LLC	\$5,285.86	\$0.00	\$0.00	\$0.00	45	0	0	0	29	2	13
RIWOspine, Inc.	\$33,214.72	\$0.00	\$0.00	\$0.00	39	0	0	0	20	1	0
RMC Orthopedic & Surgical, Inc.	\$5,756.71	\$0.00	\$0.00	\$0.00	32	0	0	0	14	0	0
RTI Surgical, Inc	\$679,971.05	\$0.00	\$0.00	\$0.00	679	0	0	0	331	0	29
Radiometer America, Inc	\$9,686.71	\$3,212,744.25	\$0.00	\$0.00	25	25	0	0	15	5	4
Radius Health, Inc.	\$2,400,284.23	\$34,552.00	\$0.00	\$0.00	15,465	37	0	0	4,103	3	2,457
Rapid Medical Ltd	\$284,637.33	\$722,721.91	\$0.00	\$0.00	601	80	0	0	124	12	9
Rattan and Associates	\$16,137.82	\$0.00	\$0.00	\$0.00	72	0	0	0	39	0	4
Rayner Intraocular Lenses Limited	\$236,367.25	\$0.00	\$0.00	\$0.00	2,334	0	0	0	1,357	0	128
ReShape Lifesciences Inc.	\$40,057.06	\$0.00	\$0.00	\$0.00	212	0	0	0	99	0	29
Reaplix Inc.	\$60,664.71	\$0.00	\$0.00	\$0.00	199	0	0	0	105	0	19
Rebiotix Inc.	\$36,800.00	\$189,825.61	\$0.00	\$0.00	12	6	0	0	2	2	0
RedHill Biopharma Inc.	\$234,991.98	\$8,576.21	\$0.00	\$0.00	5,725	14	0	0	1,666	3	1,098
Reel Surgical, Inc.	\$9,171.70	\$0.00	\$0.00	\$0.00	144	0	0	0	92	0	15
RefeXion Medical, Inc.	\$921,806.03	\$484,063.02	\$5,256,835.53	\$2,137,593.30	446	42	41	41	338	2	9
Reflow Medical Inc	\$140,378.70	\$0.00	\$10,410.00	\$10,410.00	105	0	4	4	101	0	2
Regeneron Healthcare Solutions, Inc.	\$21,726,393.44	\$0.00	\$0.00	\$0.00	149,648	0	0	0	26,549	51	16,467
Regeneron Pharmaceuticals, Inc.	\$9,738,450.23	\$99,821,738.84	\$0.00	\$0.00	4,815	24,319	0	0	1,733	97	116
Reliance Medical Products, Inc.	\$187,083.66	\$0.00	\$0.00	\$0.00	98	0	0	0	49	0	0
Reliance Medical Systems	\$5,165.30	\$0.00	\$0.00	\$0.00	3	0	0	0	2	0	0
Relieva Medsystems, Inc.	\$2,122,684.23	\$156,529.49	\$0.00	\$0.00	14,233	65	0	0	2,347	10	1,445
Remel, Inc.	\$19,621.24	\$0.00	\$0.00	\$0.00	18	0	0	0	1	1	0
Remington Medical, Inc.	\$29,750.00	\$0.00	\$0.00	\$0.00	7	0	0	0	7	0	0
Renalytix AI, Inc.	\$242,433.00	\$5,617,018.25	\$0.00	\$0.00	1,306	34	0	0	530	1	324
Reprise Biomedical, Inc.	\$61,462.40	\$100,000.00	\$0.00	\$0.00	367	1	0	0	263	1	15
Republic Spine	\$631,834.53	\$0.00	\$0.00	\$0.00	89	0	0	0	15	0	0
ResMed Corp	\$223,555.43	\$44,840.60	\$0.00	\$0.00	1,299	5	0	0	711	3	255
Responsive Arthroscopy LLC	\$95,076.11	\$0.00	\$1,115,000.00	\$2,444,968.18	78	0	44	44	62	0	0
Revvity, Inc.	\$17,859.58	\$48,855.73	\$0.00	\$0.00	25	3	0	0	22	3	0
Rhodes Pharmaceuticals L.P.	\$178,714.51	\$0.00	\$0.00	\$0.00	15	0	0	0	0	1	0
Rhythm Pharmaceuticals, Inc.	\$269,360.71	\$5,945,595.60	\$0.00	\$0.00	1,673	1,663	0	0	729	17	298

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Richard Wolf Medical Instruments Corp.	\$57,531.26	\$39,245.00	\$0.00	\$0.00	73	1	0	0	47	4	2
Ricoh USA, Inc	\$169.61	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
Ricoh USA, Inc.	\$75.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Rigel Pharmaceuticals, Inc.	\$1,174,840.28	\$3,235,745.83	\$0.00	\$0.00	6,155	84	0	0	1,897	18	1,239
Riggs Hospital Supplies, Inc.	\$124.27	\$0.00	\$23,478.00	\$23,478.00	8	0	1	1	4	0	6
Rigicon, Inc.	\$159,845.10	\$0.00	\$0.00	\$0.00	61	0	0	0	58	0	0
Rivanna Medical, Inc	\$22,898.88	\$0.00	\$0.00	\$0.00	45	0	0	0	44	0	0
Roanoke Area Surgical Lasers, LLC	\$600.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Roche Diabetes Care GmbH	\$41,730.00	\$0.00	\$0.00	\$0.00	17	0	0	0	3	0	0
Roche Diabetes Care, Inc.	\$6,202.39	\$738,532.58	\$0.00	\$0.00	16	13	0	0	5	0	2
Roche Diagnostics Corporation	\$790,305.25	\$2,642,128.28	\$0.00	\$0.00	1,106	73	0	0	738	31	16
Roche Diagnostics International Ltd	\$225,066.58	\$168,518.00	\$0.00	\$0.00	111	4	0	0	33	3	0
Roche Diagnostics Operations, Inc.	\$0.00	\$9,264,428.18	\$0.00	\$0.00	0	1,054	0	0	0	26	0
Roche Molecular Systems, Inc.	\$3,810,662.68	\$5,784,692.15	\$0.00	\$0.00	547	576	0	0	84	9	1
Roche Products Limited	\$194,292.51	\$7,436,057.87	\$0.00	\$0.00	119	3,467	0	0	52	50	2
Roche Sequencing Solutions, Inc.	\$24,092.05	\$258,490.52	\$0.00	\$0.00	14	5	0	0	12	2	0
Roche TCRC, Inc.	\$4,000.00	\$24,170,158.32	\$0.00	\$0.00	1	1,529	0	0	1	16	0
Rock Medical Orthopedics, Inc.	\$33,109.15	\$0.00	\$0.00	\$0.00	433	0	0	0	204	0	14
Route 92 Medical, Inc.	\$368,375.51	\$0.00	\$780,740.12	\$4,184,382.02	193	0	6	6	168	0	12
Royal Biologics, Inc.	\$210,257.70	\$38,085.00	\$0.00	\$34.08	126	7	2	2	44	0	1
RxCrossroads 3PL LLC	\$66.29	\$0.00	\$0.00	\$0.00	1	0	0	0	0	0	1
RxSight Inc	\$4,459,302.73	\$2,052,289.59	\$194,995.36	\$5,414,612.84	6,315	391	4	4	3,562	0	26
S.I.N. IMPLANT SYSTEM LTDA.	\$25,163.07	\$0.00	\$0.00	\$0.00	78	0	0	0	55	0	0
SCYNEXIS, Inc.	\$0.00	\$1,013,077.99	\$0.00	\$0.00	0	67	0	0	0	7	0
SEIKAGAKU CORPORATION	\$0.00	\$8,166.67	\$0.00	\$0.00	0	1	0	0	1	0	0
SERVIER AFFAIRES MEDICALES	\$74,160.02	\$2,193,686.94	\$0.00	\$0.00	18	182	0	0	35	3	0
SI-BONE, Inc.	\$6,151,366.57	\$651,267.54	\$0.00	\$0.00	11,933	203	0	0	3,371	20	1,714
SI-TECHNOLOGY, LLC	\$332,621.20	\$0.00	\$341,900.83	\$3,947,378.71	3	0	2	2	2	0	0
SIGN Fracture Care International	\$3,300.00	\$0.00	\$0.00	\$0.00	6	0	0	0	6	0	0
SIOUX SURGICAL INC	\$26,042.51	\$0.00	\$0.00	\$0.00	187	0	0	0	71	0	14
SK Life Science, Inc.	\$2,875,366.45	\$3,386,626.13	\$0.00	\$0.00	24,454	424	0	0	3,871	17	2,088
SMAIO SA	\$81,979.89	\$0.00	\$0.00	\$0.00	196	0	0	0	22	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
SMOKY MOUNTAIN SURGICAL LLC	\$33,913.84	\$0.00	\$0.00	\$0.00	259	0	0	0	99	1	13
SN Holdings, LLC	\$522,101.51	\$0.00	\$235,986.87	\$29,834,828.78	289	0	240	240	239	0	0
SNAP Diagnostics LLC	\$476,782.01	\$0.00	\$0.00	\$0.00	26	0	0	0	22	0	5
SOMAVAC Medical Solutions, Inc.	\$6,452.96	\$0.00	\$0.00	\$332,327.00	11	0	9	9	12	0	3
SPACELABS HEALTHCARE INC	\$2,935.63	\$0.00	\$0.00	\$0.00	6	0	0	0	3	1	1
SPECTRA MEDICAL DEVICES, LLC	\$102,775.00	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
SPINEFRONTIER, INC.	\$9,901.80	\$0.00	\$0.00	\$14,000.00	29	0	1	1	27	0	0
SPR Therapeutics, Inc	\$1,468,971.24	\$2,001,628.46	\$0.00	\$12,688,285.12	7,017	204	38	38	2,360	11	885
SRS Medical Systems, Inc.	\$46,221.28	\$0.00	\$0.00	\$5,486.49	113	0	5	5	91	0	27
SS White Burs, Inc.	\$50,592.90	\$0.00	\$0.00	\$0.00	132	0	0	0	96	0	0
STEELHEAD SURGICAL INC	\$72,947.69	\$0.00	\$0.00	\$0.00	470	0	0	0	178	0	44
STERIS Corporation	\$451,903.80	\$0.00	\$0.00	\$0.00	434	0	0	0	233	8	24
STORZ MEDICAL America, Inc.	\$1,393.26	\$0.00	\$0.00	\$0.00	10	0	0	0	10	0	0
STRATA Skin Sciences, Inc.	\$125,889.21	\$0.00	\$0.00	\$0.00	809	0	0	0	456	0	176
SUVON SURGICAL LLC	\$30,817.46	\$0.00	\$0.00	\$0.00	223	0	0	0	97	0	28
SWAN VALLEY MEDICAL INCORPORATED	\$4,074.22	\$0.00	\$0.00	\$0.42	13	0	42	42	43	0	0
SYNERGY PRODUCTS LLC	\$0.00	\$0.00	\$0.00	\$635,319.00	0	0	2	2	2	0	0
Sage Therapeutics, Inc.	\$1,276,847.64	\$15,002,709.53	\$0.00	\$0.00	2,340	300	0	0	739	28	808
Sagent Pharmaceuticals	\$801.34	\$0.00	\$0.00	\$0.00	51	0	0	0	32	0	18
Salix Pharmaceuticals, a division of Bausch Health US, LLC	\$4,859,221.56	\$0.00	\$0.00	\$0.00	186,99 6	0	0	0	24,557	16	18,773
Saluda Medical Americas, Inc.	\$1,728,431.40	\$593,260.06	\$0.00	\$0.00	6,032	186	0	0	1,403	5	427
Samsung Bioepis Co., Ltd.	\$41,930.45	\$0.00	\$0.00	\$0.00	21	0	0	0	12	0	0
Samsung Medison Co., Ltd.	\$60,300.89	\$25,157.50	\$0.00	\$0.00	9	1	0	0	7	1	0
Sanara MedTech Inc.	\$411,432.73	\$235,739.62	\$0.00	\$0.00	1,890	4	0	0	1,143	1	169
Sandoz Inc.	\$116,621.22	\$0.00	\$0.00	\$0.00	4,499	0	0	0	1,998	0	1,220
Sanofi Pasteur Inc.	\$1,539,778.97	\$57,284,300.04	\$0.00	\$0.00	27,196	3,486	0	0	13,398	23	7,034
Sanofi US Services Inc.	\$1,021,017.65	\$66,892,508.92	\$0.00	\$0.00	324	6,361	0	0	203	82	25
Santen Inc.	\$13,262.50	\$0.00	\$0.00	\$0.00	88	0	0	0	82	0	0
Saranas, Inc.	\$84,096.81	\$257,201.93	\$0.00	\$0.00	211	55	0	0	81	5	13
Sarepta Therapeutics, Inc.	\$3,722,772.21	\$15,886,727.28	\$0.00	\$0.00	1,591	4,533	0	0	313	25	73
Saxum Surgical, Inc.	\$49,342.10	\$0.00	\$0.00	\$0.00	503	0	0	0	274	0	19
Scientia Vascular	\$189,027.67	\$0.00	\$0.00	\$0.00	198	0	0	0	163	2	6

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Scilex Pharmaceuticals Inc.	\$523,004.17	\$98,595.00	\$0.00	\$0.00	16,463	5	0	0	3,199	0	2,808
SeaPearl East, Inc	\$77,004.14	\$0.00	\$0.00	\$0.00	906	0	0	0	338	0	64
Seagen Inc.	\$6,579,550.83	\$163,577,820.66	\$0.00	\$0.00	32,163	14,280	0	0	5,527	93	4,188
Sebela Pharmaceuticals Inc.	\$26,253.92	\$0.00	\$0.00	\$0.00	827	0	0	0	495	0	115
Sebela Women's Health Inc.	\$163,355.70	\$35,083.00	\$0.00	\$0.00	24	10	0	0	5	2	1
Sebia Inc	\$3,500.00	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Sechrist Industries Inc	\$41.70	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	1
Second Sight Medical Products, Inc.	\$600.00	\$65,220.20	\$0.00	\$0.00	1	8	0	0	1	1	0
Secura Bio, Inc.	\$365,653.07	\$162,749.60	\$0.00	\$0.00	263	36	0	0	132	4	48
Sekisui Diagnostics, LLC	\$70,800.00	\$1,130,283.50	\$0.00	\$0.00	90	15	0	0	87	0	4
Semler Scientific, Inc.	\$569,527.00	\$0.00	\$0.00	\$0.00	7	0	0	0	4	0	0
Senate Surgical Distribution, LLC	\$0.00	\$0.00	\$561.96	\$248,068.66	0	0	25	25	24	0	0
Senseonics, Incorporated	\$107,181.00	\$10,938,309.35	\$0.00	\$0.00	69	383	0	0	29	0	10
Sensible Medical Innovations Inc	\$46,857.08	\$0.00	\$0.00	\$0.00	10	0	0	0	8	0	0
Sensible Medical Innovations Ltd	\$40,953.78	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Sentynl Therapeutics, Inc.	\$239,116.57	\$0.00	\$0.00	\$0.00	23	0	0	0	7	0	0
Septodont Inc.	\$286,501.57	\$0.00	\$0.00	\$0.00	751	0	0	0	656	0	0
Seqirus USA Inc	\$283,532.31	\$12,224,471.16	\$0.00	\$0.00	4,976	7,189	0	0	2,861	1	1,418
Sequoia Surgical Distributors, LLC	\$71,050.00	\$0.00	\$32,384.12	\$335,954.40	2	0	12	12	11	0	0
Seres Therapeutics, Inc.	\$18,048.36	\$92,880.88	\$0.00	\$0.00	16	37	0	0	6	5	0
Serpex Medical Inc	\$32,196.78	\$0.00	\$0.00	\$0.00	17	0	0	0	12	0	0
Servier BioInnovation	\$380,788.94	\$59,639,606.72	\$0.00	\$0.00	38	2,387	0	0	52	30	0
Servier Pharmaceuticals LLC	\$1,057,003.10	\$0.00	\$0.00	\$0.00	3,273	0	0	0	1,242	10	904
Shalby Advanced Technologies, Inc.	\$39,807.94	\$0.00	\$0.00	\$0.00	75	0	0	0	30	0	0
Shape Memory Medical Inc.	\$39,471.25	\$136,759.00	\$476,848.79	\$1,521,289.35	174	10	13	13	78	2	4
Shield Therapeutics Inc	\$431,361.42	\$0.00	\$0.00	\$0.00	16,149	0	0	0	6,467	0	4,200
Shimadzu Precision Instruments, Inc.	\$72,429.93	\$0.00	\$0.00	\$0.00	12	0	0	0	12	0	0
Shionogi Inc	\$1,464,880.94	\$240,572.50	\$0.00	\$0.00	5,202	8	0	0	1,737	15	509
ShockWave Medical, Inc	\$5,252,006.40	\$2,892,362.94	\$0.00	\$0.00	17,672	570	0	0	4,915	38	848
Shofu Dental Corp	\$83,986.69	\$0.00	\$0.00	\$0.00	59	0	0	0	57	0	0
Shoulder Innovations, Inc.	\$681,587.90	\$0.00	\$0.00	\$4,793,733.11	318	0	6	6	109	0	0
Siemens Medical Solutions USA, Inc.	\$15,683,281.81	\$11,201,335.57	\$0.00	\$0.00	10,798	323	0	0	3,667	243	308

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Sientra, Inc.	\$870,691.18	\$0.00	\$0.00	\$0.00	688	0	0	0	92	0	3
Siesta Medical, Inc.	\$42,600.00	\$0.00	\$167,542.77	\$184,601.95	2	0	3	3	5	0	0
Sight Sciences, Inc.	\$1,279,443.21	\$775,270.47	\$0.00	\$0.00	5,740	60	0	0	3,373	1	23
Signature Orthopaedics USA Corp	\$303,552.94	\$0.00	\$0.00	\$0.00	23	0	0	0	23	0	0
Silk Road Medical, Inc.	\$2,528,158.66	\$1,319,829.44	\$0.00	\$0.00	9,411	276	0	0	2,539	27	1,188
Silony Medical Corp.	\$61,103.14	\$0.00	\$0.00	\$0.00	28	0	0	0	10	0	0
Sirius Medical Systems	\$139,083.55	\$0.00	\$0.00	\$0.00	187	0	0	0	102	0	1
Sirona Dental Systems GmbH	\$31,060.01	\$68,649.35	\$0.00	\$0.00	49	14	0	0	45	0	0
Sirtex Medical Inc	\$1,827,251.11	\$1,961,527.01	\$0.00	\$0.00	3,840	114	0	0	1,286	16	117
SiteSaver Inc.	\$22,250.00	\$0.00	\$280,000.00	\$280,000.00	1	0	6	6	7	0	0
Sixth Street Solutions, LLC	\$0.00	\$0.00	\$0.00	\$233,521.73	0	0	1	1	1	0	0
Skeletal Dynamics Inc	\$3,067,109.31	\$0.00	\$0.00	\$0.00	1,535	0	0	0	573	2	20
Skye Orthobiologics LLC	\$0.00	\$236,650.00	\$0.00	\$0.00	0	27	0	0	22	0	1
SmartHealth Inc	\$0.00	\$0.00	\$2,500,000.00	\$2.00	0	0	2	2	2	0	0
SmartPractice Allergen Bank, L.L.C.	\$855,000.00	\$0.00	\$0.00	\$248,354.00	2	0	2	2	2	0	0
Smarter Devices, LLC	\$0.00	\$0.00	\$425,970.00	\$1,546,124.48	0	0	7	7	7	0	0
Smisson-Cartledge Biomedical	\$0.00	\$0.00	\$0.00	\$1,301,590.90	0	0	16	16	12	0	1
Smith+Nephew, Inc.	\$41,381,233.55	\$5,152,019.70	\$0.00	\$0.00	68,362	688	0	0	17,334	187	4,969
Sobi, Inc	\$2,373,121.90	\$2,125,440.46	\$0.00	\$0.00	14,075	403	0	0	5,860	46	3,170
Solco Biomedical Co., Ltd.	\$120,000.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Solco Biomedical Corporation	\$26,596.55	\$0.00	\$0.00	\$0.00	6	0	0	0	5	0	0
Solta Medical, a division of Bausch Health US, LLC	\$313,150.26	\$0.00	\$0.00	\$0.00	666	0	0	0	351	0	149
Sonavex, Inc.	\$99,244.23	\$0.00	\$0.00	\$0.00	15	0	0	0	13	0	0
Sonendo Inc	\$1,398,326.27	\$76,967.90	\$478.80	\$10,446.03	4,710	44	16	16	1,873	0	3
Sonex Health, Inc.	\$236,031.66	\$1,549,256.72	\$0.00	\$1,841,336.55	1,178	73	27	27	422	2	71
Sonio	\$36,406.41	\$0.00	\$0.00	\$0.00	9	0	0	0	9	0	0
Southern Anesthesia & Surgical, Inc (dba Ace Southern)	\$16,832.75	\$0.00	\$0.00	\$0.00	509	0	0	0	391	0	0
Southern Edge Orthopaedics, inc.	\$59,307.15	\$0.00	\$0.00	\$0.00	123	0	0	0	96	0	8
Southern Implants North America Inc	\$50,391.92	\$0.00	\$0.00	\$0.00	531	0	0	0	302	0	2
Southern Spine, LLC	\$16,300.00	\$0.00	\$0.00	\$0.00	5	0	0	0	5	0	0
Spark Therapeutics, Inc.	\$1,009,200.14	\$1,307,822.67	\$0.00	\$0.00	270	90	0	0	87	9	9
SpectraWAVE, Inc	\$104,708.21	\$30,585.00	\$119,166.25	\$0.00	81	1	5	5	38	2	0

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Spectrum Pharmaceuticals Inc.	\$549,654.76	\$1,857,755.53	\$0.00	\$0.00	900	142	0	0	450	14	212
Spinal Elements, Inc.	\$42,516.07	\$0.00	\$0.00	\$0.00	536	0	0	0	224	0	7
Spinal Simplicity, LLC	\$835,981.10	\$0.00	\$956,000.00	\$26,054,749.63	3,499	0	107	107	749	0	324
Spinal Surgical Strategies, Inc.	\$5,030.39	\$0.00	\$538,000.00	\$12,417,910.00	17	0	16	16	26	0	0
Spine Wave, Inc.	\$378,162.08	\$0.00	\$119,186.00	\$1,192,545.00	467	0	5	5	157	0	15
SpineCraft, LLC	\$198,134.15	\$0.00	\$0.00	\$17,965,337.00	22	0	5	5	8	0	0
SpineGuard, Inc.	\$57,331.68	\$0.00	\$0.00	\$0.00	30	0	0	0	17	0	0
SpineSmith Holdings, LLC	\$45,763.50	\$0.00	\$0.00	\$0.00	11	0	0	0	7	0	0
Spineart SA	\$1,925,527.00	\$4,180,326.59	\$0.00	\$0.00	105	189	0	0	52	6	0
Spineart USA Inc	\$832,801.87	\$0.00	\$0.00	\$0.00	1,390	0	0	0	234	0	7
Spineology Inc.	\$569,151.87	\$108,400.00	\$55,000.00	\$38,600.00	1,240	5	1	1	314	2	44
Spirus Medical LLC	\$2,362.50	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Standard Bariatrics, Inc.	\$385,354.27	\$31,725.00	\$0.00	\$0.00	14	2	0	0	7	0	0
Stemline Therapeutics Inc.	\$2,071,284.24	\$3,937,867.84	\$0.00	\$0.00	7,438	303	0	0	2,304	14	1,695
Stereotaxis Inc	\$51,560.45	\$14,017.50	\$0.00	\$0.00	179	3	0	0	71	3	0
Sterilmed, Inc.	\$115,950.03	\$0.00	\$0.00	\$0.00	321	0	0	0	0	94	0
Stimwave Technologies Incorporated	\$0.00	\$0.00	\$0.00	\$0.01	0	0	1	1	1	0	0
Strategic Dentistry LLC	\$676,740.20	\$0.00	\$0.00	\$0.00	301	0	0	0	32	0	0
Stratus Medical, LLC	\$78,606.19	\$0.00	\$0.00	\$0.00	462	0	0	0	226	0	15
Straumann USA LLC	\$7,063,512.79	\$79,665.48	\$0.00	\$0.00	35,795	3	0	0	14,660	14	5
Streck LLC	\$12,200.00	\$0.00	\$0.00	\$0.00	33	0	0	0	0	8	0
Stryker Corporation	\$119,068,720.19	\$4,943,033.83	\$0.00	\$0.00	146,686	722	0	0	26,115	713	3,858
Substrate HD	\$1,050.00	\$0.00	\$0.00	\$44,768.00	1	0	4	4	4	0	0
Sumitomo Pharma America, Inc.	\$5,573,496.42	\$47,785,392.68	\$0.00	\$0.00	121,343	10,040	0	0	23,239	30	12,717
Sumitomo Pharma Co., Ltd.	\$1,426,023.13	\$1,672,693.58	\$0.00	\$0.00	118	9	0	0	15	2	0
Summ Cott Medical	\$8,284.00	\$0.00	\$0.00	\$0.00	17	0	0	0	7	0	0
Summit Surgical Corp.	\$45,627.07	\$0.00	\$0.00	\$0.00	337	0	0	0	137	0	25
Sun Pharmaceutical Industries Inc.	\$6,768,219.87	\$9,525,669.92	\$0.00	\$0.00	85,629	3,254	0	0	16,164	7	6,380
Supernus Pharmaceuticals, Inc.	\$3,220,676.77	\$0.00	\$0.00	\$0.00	49,897	0	0	0	8,048	0	6,365
Supreme Orthopedic Systems, LLC	\$82,248.47	\$0.00	\$0.00	\$0.00	818	0	0	0	341	0	36
SurGenTec	\$288,603.07	\$0.00	\$0.00	\$0.00	112	0	0	0	59	0	3
Surgebright Inc.	\$275.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Surgi-Care, Inc.	\$30,811.92	\$0.00	\$0.00	\$0.00	2	0	0	0	0	2	0
Surgical Fusion Inc.	\$28,555.00	\$0.00	\$0.00	\$0.00	14	0	0	0	5	0	0
Surgical Information Sciences, Inc.	\$2,350.00	\$34,500.00	\$0.00	\$0.00	2	4	0	0	2	3	0
Surgical Planning Associates, Inc.	\$295,372.75	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Surgical Specialties Corporation (US), Inc. (dba Corza Medical)	\$24,125.11	\$0.00	\$0.00	\$0.00	58	0	0	0	48	0	8
Surgical Theater, Inc.	\$229,383.17	\$0.00	\$0.00	\$57,749.00	82	0	4	4	46	2	0
Surmodics, Inc.	\$652,316.72	\$278,355.38	\$0.00	\$0.00	2,421	158	0	0	767	14	307
Swedish Orphan Biovitrum AB	\$223,280.50	\$827,115.49	\$0.00	\$0.00	38	136	0	0	17	7	0
SweetBio, Inc.	\$97.36	\$0.00	\$38,500.00	\$50,379.20	4	0	1	1	5	0	0
Swing Therapeutics, Inc.	\$164.72	\$473,438.57	\$0.00	\$0.00	3	155	0	0	4	1	0
Synapse Biomedical Inc	\$185,431.13	\$0.00	\$37,500.00	\$621,460.50	6	0	3	3	4	0	0
Synapse Surgical LLC	\$0.00	\$0.00	\$330,075.00	\$662,808.00	0	0	4	4	3	0	0
Synaptic Medical Corporation	\$48,638.07	\$0.00	\$0.00	\$0.00	12	0	0	0	4	0	0
Synergy Orthopedics, LLC	\$779.40	\$0.00	\$0.00	\$0.00	45	0	0	0	43	0	0
Synthes GmbH	\$2,661,522.65	\$0.00	\$0.00	\$0.00	2,645	0	0	0	503	16	0
Synthes USA Products LLC	\$235,167.07	\$56,458.31	\$0.00	\$0.00	228	3	0	0	52	0	0
Sysmex America, Inc.	\$83,132.29	\$103,269.84	\$0.00	\$0.00	36	2	0	0	17	2	0
Sysmex R&D Center Americas, Inc.	\$0.00	\$313,727.59	\$0.00	\$0.00	0	2	0	0	0	2	0
T2 Biosystems, Inc.	\$64,188.81	\$964,237.89	\$0.00	\$0.00	3	8	0	0	2	9	0
TEK Medical, LLC	\$33.00	\$0.00	\$27,165.20	\$27,165.20	2	0	3	3	3	0	0
TELA Bio, Inc.	\$2,147,267.48	\$30,000.00	\$0.00	\$0.00	6,844	1	0	0	2,590	0	213
TETRAPHASE PHARMACEUTICALS, INC.	\$11,613.00	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
TG THERAPEUTICS, INC.	\$4,207,048.68	\$4,984,793.87	\$0.00	\$0.00	8,295	1,486	0	0	1,672	27	878
THD America, Inc.	\$245,967.48	\$0.00	\$0.00	\$0.00	655	0	0	0	310	2	11
THINK Surgical, Inc.	\$423,897.20	\$0.00	\$0.00	\$0.00	330	0	0	0	106	0	0
TOLMAR, INC.	\$326,252.52	\$1,075,696.47	\$0.00	\$0.00	11,049	527	0	0	3,753	4	2,213
TOPCON CORPORATION	\$39,591.91	\$10,000.00	\$0.00	\$0.00	18	1	0	0	4	0	0
TOPCON HEALTHCARE SOLUTIONS, INC.	\$174.77	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
TOPCON MEDICAL SYSTEMS, INC.	\$582,282.02	\$764,747.60	\$0.00	\$0.00	536	32	0	0	301	0	0
TP Orthodontics Inc	\$6,693.20	\$0.00	\$0.00	\$0.00	15	0	0	0	15	0	0
TRUABUTMENT INC.	\$266,128.94	\$0.00	\$0.00	\$0.00	102	0	0	0	19	0	0
Tactile Systems Technology Inc	\$535,921.23	\$517,138.24	\$0.00	\$0.00	9,073	35	0	0	3,042	6	1,600

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Taiho Oncology, Inc.	\$1,655,639.19	\$3,423,540.59	\$0.00	\$0.00	4,428	451	0	0	1,599	28	1,147
Takeda Pharmaceuticals U.S.A., Inc.	\$55,253,264.71	\$140,461,419.61	\$0.00	\$0.00	145,507	18,370	0	0	27,772	192	23,055
Tandem Diabetes Care, Inc.	\$1,031,210.33	\$2,058,776.96	\$0.00	\$0.00	7,559	53	0	0	2,021	120	1,366
Taro Pharmaceuticals USA, Inc.	\$19,131.93	\$3,173,002.63	\$0.00	\$0.00	12	333	0	0	3	0	0
Team 1, LLC	\$39,608.28	\$0.00	\$0.00	\$0.00	148	0	0	0	79	0	13
TearLab Corp	\$177,308.51	\$0.00	\$0.00	\$0.00	477	0	0	0	309	0	0
TearOptix, Inc.	\$0.00	\$0.00	\$505,481.00	\$700,625.00	0	0	7	7	7	0	0
TechMah CMF, LLC	\$0.00	\$85,963.15	\$0.00	\$0.00	0	34	0	0	7	2	0
Teikoku Pharma USA, Inc.	\$28,877.50	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Teladoc Health, Inc.	\$41,220.41	\$0.00	\$0.00	\$0.00	77	0	0	0	31	0	0
Teleflex Incorporated	\$728,575.39	\$0.00	\$0.00	\$0.00	41	0	0	0	5	0	0
Teleflex LLC	\$5,618,511.13	\$0.00	\$0.00	\$0.00	17,037	0	0	0	5,536	28	1,983
Teleflex Medical Brasil Servicos E Comercio De Produtos Medicos Ltda	\$62.67	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Teleflex Medical Canada Inc.	\$227.55	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
Teleflex Medical Incorporated	\$285,630.97	\$0.00	\$0.00	\$0.00	51	0	0	0	21	2	1
Telix Pharmaceuticals	\$517,207.19	\$19,950.00	\$0.00	\$0.00	2,204	9	0	0	1,206	2	227
TerSera Therapeutics LLC	\$2,338,547.65	\$63,597.50	\$1,473,189.00	\$1,308,469.00	5,599	27	2	2	1,933	14	1,505
Terumo Cardiovascular Systems Corporation	\$41,083.53	\$0.00	\$0.00	\$0.00	223	0	0	0	29	0	76
Terumo Medical Corporation	\$1,028,857.90	\$576,095.84	\$0.00	\$0.00	5,951	74	0	0	2,711	10	503
Teva Pharmaceuticals USA, Inc.	\$12,051,447.55	\$65,845,489.07	\$0.00	\$0.00	134,657	5,586	0	0	14,181	22	15,864
The Binding Site Inc.	\$6,654.71	\$0.00	\$0.00	\$0.00	31	0	0	0	26	0	5
The Cameron-Ehlen Group, Inc.	\$909.97	\$0.00	\$0.00	\$0.00	23	0	0	0	23	0	0
The Institute of Musculoskeletal Science and Education	\$1,049,306.04	\$0.00	\$0.00	\$0.00	256	0	0	0	74	0	0
The North Carolina Mutual Wholesale Drug Company Inc	\$0.00	\$0.00	\$47,972.00	\$1,122,330.00	0	0	28	28	28	0	0
The ScottCare Corporation	\$83,155.64	\$0.00	\$0.00	\$0.00	6	0	0	0	4	0	1
The Walman Optical Company	\$50,947.34	\$0.00	\$0.00	\$0.00	9	0	0	0	8	0	0
Thea Pharma Inc.	\$765,408.70	\$0.00	\$0.00	\$0.00	3,954	0	0	0	2,831	1	15
TheracosBio, LLC	\$224.68	\$0.00	\$0.00	\$0.00	17	0	0	0	16	0	1
Theragen, Inc.	\$35,712.78	\$0.00	\$0.00	\$0.00	260	0	0	0	149	0	53
Theratechnologies Inc.	\$538,907.82	\$706,539.22	\$0.00	\$0.00	3,873	91	0	0	861	4	688
Thermo Fisher Scientific Asheville LLC	\$4,298.70	\$0.00	\$0.00	\$0.00	14	0	0	0	0	11	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Thommen Medical USA, LLC	\$117,043.89	\$0.00	\$0.00	\$0.00	396	0	0	0	182	0	0
TightLine Development, LLC	\$319,196.15	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Tigon Medical LLC	\$46,173.01	\$0.00	\$50,000.00	\$10,000.00	34	0	1	1	27	0	0
Titan Pharmaceuticals, Inc.	\$5,250.00	\$0.00	\$0.00	\$0.00	2	0	0	0	0	0	1
Titan Surgical Group, LLC	\$31,542.75	\$0.00	\$0.00	\$0.00	354	0	0	0	153	0	32
Tokuyama Dental America Inc.	\$69,704.58	\$0.00	\$0.00	\$0.00	87	0	0	0	27	0	0
Tonix Pharmaceuticals, Inc.	\$41,223.47	\$0.00	\$0.00	\$0.00	49	0	0	0	31	0	12
Total Joint Orthopedics, Inc.	\$272,411.07	\$0.00	\$0.00	\$0.00	344	0	0	0	84	0	1
TrackX Technology, Inc.	\$36,071.53	\$0.00	\$0.00	\$0.00	79	0	0	0	37	0	0
TransMedics, Inc.	\$1,533,310.39	\$2,197,266.12	\$0.00	\$0.00	247	204	0	0	168	13	0
Transcend	\$6,450.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Transonic Systems Inc.	\$73,922.62	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
Traverse Therapeutics, Inc.	\$1,758,464.00	\$7,505,201.89	\$0.00	\$0.00	16,992	1,341	0	0	4,701	37	991
Treace Medical Concepts, Inc.	\$11,448,966.05	\$623,307.44	\$0.00	\$0.00	9,096	515	0	0	2,756	2	34
Trevena, Inc.	\$107,726.22	\$244,004.20	\$0.00	\$0.00	572	7	0	0	227	0	152
Tri-anim Health Services, Inc.	\$55,198.23	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
TriCoast Surgical Solutions LLC	\$68,118.98	\$0.00	\$0.00	\$0.00	490	0	0	0	178	0	18
TriMed, Inc.	\$937,037.62	\$0.00	\$0.00	\$0.00	1,028	0	0	0	372	13	2
TriReme Medical LLC	\$0.00	\$162,237.05	\$0.00	\$0.00	0	43	0	0	0	4	0
TriSalus Life Sciences, Inc.	\$1,173,355.23	\$1,205,965.02	\$0.00	\$0.00	2,515	87	0	0	590	3	79
Trice Medical, Inc.	\$253,556.26	\$0.00	\$0.00	\$0.00	597	0	0	0	325	0	7
Trilliant Surgical LLC.	\$827,937.47	\$0.00	\$0.00	\$0.00	1,057	0	0	0	317	0	1
Trillium Therapeutics USA, LLC	\$7,951.04	\$4,176,361.29	\$0.00	\$0.00	8	349	0	0	3	15	0
Tris Pharma Inc	\$926,055.29	\$0.00	\$0.00	\$0.00	22,736	0	0	0	4,386	0	3,943
True North Surgical Inc	\$23,907.56	\$0.00	\$0.00	\$0.00	126	0	0	0	57	0	14
Tulsa Dental Products LLC	\$2,651,011.86	\$0.00	\$0.00	\$0.00	131	0	0	0	20	0	1
Turing Medical Technologies	\$105,439.70	\$0.00	\$0.00	\$0.00	17	0	0	0	15	0	0
Turner Imaging Systems, Inc.	\$3,159.40	\$0.00	\$6,800.00	\$6,800.00	2	0	1	1	3	0	0
Tyber Medical, LLC	\$504,149.10	\$76,092.00	\$0.00	\$12,297,379.11	64	6	12	12	30	4	0
UC-CARE (USA), INC	\$911.07	\$0.00	\$0.00	\$0.00	3	0	0	0	1	0	0
UCB Biosciences Inc.	\$155,733.27	\$74,740.88	\$0.00	\$0.00	66	14	0	0	19	1	0
UCB GmbH	\$2,625.00	\$87,257.87	\$0.00	\$0.00	1	4	0	0	1	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
UCB SA	\$1,304,619.15	\$24,188,425.34	\$0.00	\$0.00	514	1,252	0	0	150	57	0
UCB, Inc.	\$7,463,793.01	\$126,240.00	\$0.00	\$0.00	107,712	25	0	0	12,980	0	8,095
UIH America, Inc.	\$3,079,403.84	\$0.00	\$0.00	\$0.00	39	0	0	0	8	5	0
UIH Solutions LLC	\$7,216.92	\$0.00	\$0.00	\$0.00	51	0	0	0	39	0	0
UOC USA INC	\$348,427.32	\$0.00	\$0.00	\$0.00	516	0	0	0	80	3	0
URESIL LLC	\$6,250.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
UROCURE LLC	\$102.97	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
US Endoscopy	\$974,260.03	\$0.00	\$0.00	\$0.00	100	0	0	0	48	0	0
US Implant Solutions, LLC	\$57,622.26	\$0.00	\$0.00	\$0.00	127	0	0	0	51	0	0
US Oncology Corporate, Inc.	\$68,792.86	\$0.00	\$0.00	\$0.00	235	0	0	0	94	0	7
US Retina LLC	\$383,558.02	\$0.00	\$2,703,518.98	\$12,287,447.59	35	0	227	227	224	0	1
USA ANGELALIGN TECHNOLOGY CORP	\$37,978.97	\$0.00	\$0.00	\$0.00	677	0	0	0	367	0	0
USWM, LLC	\$1,163,398.32	\$0.00	\$0.00	\$0.00	3,298	0	0	0	332	3	499
Ultradent Products Inc	\$1,972,439.62	\$0.00	\$2,700.00	\$4,950.00	12,550	0	2	2	5,816	0	0
Ultragenyx Pharmaceutical Inc.	\$301,506.20	\$10,029,975.10	\$0.00	\$0.00	4,916	1,337	0	0	2,785	30	1,492
Unified Women's Healthcare, LP	\$0.00	\$0.00	\$0.00	\$762.00	0	0	762	762	761	0	3
Unify Medical	\$523.18	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
United Orthopedics LLC	\$43,968.39	\$0.00	\$0.00	\$0.00	172	0	0	0	103	1	20
United Therapeutics Corporation	\$3,528,118.64	\$10,962,170.99	\$0.00	\$0.00	13,110	2,047	0	0	2,967	54	1,504
Upsher-Smith Laboratories LLC	\$95,356.24	\$1,566,456.82	\$0.00	\$0.00	2,101	159	0	0	773	3	513
Uptake Medical Technology Inc	\$450.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Urgo Medical North America, LLC	\$224,542.87	\$0.00	\$0.00	\$0.00	1,707	0	0	0	782	0	291
UroGen Pharma, Inc.	\$1,428,587.12	\$201,552.94	\$0.00	\$0.00	6,797	22	0	0	2,610	9	1,033
UroViu Corporation	\$36,692.09	\$0.00	\$0.00	\$0.00	59	0	0	0	42	0	1
Uromedica, Incorporated	\$60,385.19	\$28,561.50	\$0.00	\$0.00	36	7	0	0	5	4	0
Urotronic, Inc	\$11,502.80	\$50,844.97	\$0.00	\$0.00	1	12	0	0	1	0	0
VANTAGE TECHNOLOGY LLC	\$1,672.07	\$0.00	\$0.00	\$0.00	54	0	0	0	54	0	0
VBI Vaccine (Delaware) Inc.	\$51,719.07	\$18,975.07	\$0.00	\$0.00	1,081	2	0	0	614	0	317
VISIONARY OPTICS LLC	\$108,840.01	\$0.00	\$0.00	\$0.00	180	0	0	0	163	0	0
VIVUS LLC	\$663,631.36	\$3,424,694.82	\$0.00	\$0.00	2,895	229	0	0	1,153	1	640
VOCO America Inc.	\$122,813.83	\$0.00	\$0.00	\$0.00	3,324	0	0	0	2,965	0	25
Valencia Technologies Corporation	\$888,041.80	\$36,568.65	\$50,067.00	\$5,076,172.00	680	4	54	54	297	1	43

Name of Applicable Manufacturer / Group Purchasing Organization Making Payment	Dollar Amounts				Number of Transactions				Number of Physicians	Number of Teaching Hospitals	Number of NPPs
	General	Research	Investment	Interest	General	Research	Investment	Interest			
Validus Pharmaceuticals LLC	\$16,343.38	\$0.00	\$0.00	\$0.00	289	0	0	0	148	0	147
Valinor Pharma, LLC	\$25,674.55	\$0.00	\$0.00	\$0.00	1,341	0	0	0	429	0	445
Valley Contax, Inc.	\$83,098.66	\$0.00	\$0.00	\$0.00	103	0	0	0	32	0	1
Valneva Austria GmbH	\$12,113.00	\$1,207,805.69	\$0.00	\$0.00	6	122	0	0	2	1	0
Valneva USA, Inc.	\$94,042.82	\$0.00	\$0.00	\$0.00	124	0	0	0	29	0	6
Vanda Pharmaceuticals Inc.	\$785,195.09	\$10,428,635.66	\$0.00	\$0.00	18,274	834	0	0	2,544	11	3,722
Vaporox, Inc.	\$62,262.01	\$0.00	\$0.00	\$0.00	186	0	0	0	156	0	1
Vapotherm Inc	\$171,010.24	\$129,764.17	\$0.00	\$0.00	665	8	0	0	349	19	189
Varex Imaging Corporation	\$102,037.91	\$0.00	\$159,989.00	\$864,977.00	53	0	1	1	1	0	0
Vascular Graft Solutions Inc	\$24,307.16	\$0.00	\$0.00	\$16,457.00	12	0	1	1	7	0	0
Vascular Technology, Inc.	\$102,600.00	\$0.00	\$0.00	\$0.00	15	0	0	0	14	0	1
Vasorum USA Inc.	\$18,257.43	\$0.00	\$1,904,975.00	\$1,904,975.00	90	0	15	15	85	0	0
Vatech America, Inc.	\$138,186.56	\$0.00	\$0.00	\$0.00	34	0	0	0	13	0	0
VectivBio AG	\$3,822.72	\$1,075,042.30	\$0.00	\$0.00	6	830	0	0	5	10	0
Vector Surgical, LLC	\$12,567.28	\$0.00	\$0.00	\$0.00	50	0	0	0	37	0	0
Vektor Medical Inc.	\$0.00	\$0.00	\$125,000.00	\$72,500.00	0	0	3	3	3	0	0
Veloxis Pharmaceuticals, Inc.	\$186,725.63	\$2,084,079.80	\$0.00	\$0.00	1,105	88	0	0	393	22	216
Ventana Medical Systems, Inc.	\$734,506.63	\$8,236,446.67	\$0.00	\$0.00	67	518	0	0	23	14	0
VentureMed Group, Inc.	\$55,743.47	\$6,050.00	\$0.00	\$0.00	63	2	0	0	21	1	0
Veracyte, Inc.	\$2,343.95	\$0.00	\$0.00	\$0.00	111	0	0	0	57	0	25
Veran Medical Technologies, Inc.	\$24,503.35	\$16,850.00	\$0.00	\$0.00	33	1	0	0	21	1	0
Verathon Inc.	\$396,194.99	\$0.00	\$0.00	\$0.00	49	0	0	0	44	1	0
Vericel Corporation	\$824,038.25	\$0.00	\$0.00	\$0.00	2,904	0	0	0	1,172	16	402
Verity Pharmaceuticals Inc.	\$175,986.18	\$0.00	\$0.00	\$0.00	2,217	0	0	0	928	0	265
Vero Biotech Inc.	\$27,971.07	\$5,000.00	\$0.00	\$0.00	38	5	0	0	31	0	5
Verrica Pharmaceuticals Inc.	\$351,322.54	\$94,607.53	\$0.00	\$0.00	3,731	11	0	0	1,630	0	1,238
Vertex Pharmaceuticals Incorporated	\$3,370,272.80	\$151,458,589.40	\$0.00	\$0.00	1,911	1,224	0	0	580	77	112
Vertical Pharmaceuticals, LLC	\$3,932.57	\$0.00	\$0.00	\$0.00	198	0	0	0	116	0	71
Vertos Medical, Inc.	\$950,509.96	\$63,859.00	\$0.00	\$0.00	6,013	48	0	0	1,809	1	807
Veru Inc.	\$271,067.07	\$2,324,476.74	\$0.00	\$0.00	20	339	0	0	6	5	0
Veryan Medical Incorporated	\$119,389.20	\$278,285.90	\$0.00	\$0.00	425	140	0	0	197	3	70
Vesper Medical	\$30,000.00	\$281,206.78	\$0.00	\$0.00	11	61	0	0	1	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Vibrant Gastro, Inc.	\$48,451.33	\$0.00	\$0.00	\$0.00	73	0	0	0	30	0	7
Vifor (International) Ltd.	\$156,483.12	\$0.00	\$0.00	\$0.00	29	0	0	0	12	1	0
Vifor Fresenius Medical Care Renal Pharma Ltd.	\$5,490.06	\$0.00	\$0.00	\$0.00	4	0	0	0	2	0	0
Vifor Pharma, Inc.	\$516,148.75	\$126,968.31	\$0.00	\$0.00	12,551	11	0	0	3,149	3	1,189
ViiV Healthcare Company	\$8,026,824.73	\$66,656,834.96	\$0.00	\$0.00	52,866	1,714	0	0	4,298	9	3,224
Vilex LLC	\$451,171.12	\$47,444.90	\$0.00	\$0.00	900	10	0	0	117	0	1
Vioptix Inc	\$3,512.18	\$0.00	\$0.00	\$0.00	58	0	0	0	58	0	0
Virtus Pharmaceuticals LLC	\$11,140.37	\$0.00	\$0.00	\$0.00	569	0	0	0	187	0	134
Visby Medical, Inc.	\$70,814.25	\$1,882,702.34	\$0.00	\$398,067.28	48	86	3	3	33	3	5
Viseon, Inc.	\$188,622.16	\$0.00	\$627,430.38	\$2,766,290.94	94	0	17	17	33	18	0
Vision Quest Industries Inc.	\$1,114.03	\$0.00	\$0.00	\$0.00	68	0	0	0	24	0	14
VisionCare Inc.	\$68,870.80	\$0.00	\$0.00	\$0.00	77	0	0	0	54	0	0
VisionRT, Inc.	\$3,496.02	\$0.00	\$0.00	\$0.00	56	0	0	0	40	0	0
Visioneering Technologies, Inc.	\$105,516.75	\$0.00	\$0.00	\$0.00	221	0	0	0	161	0	0
Vital Connect, Inc	\$1,242,898.49	\$0.00	\$0.00	\$3,674,397.00	805	0	16	16	420	0	172
Vitalant	\$2,862,210.84	\$0.00	\$0.00	\$0.00	151	0	0	0	14	9	0
Vividion Therapeutics Inc.	\$51,565.53	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Volpara Health, Inc	\$157,752.78	\$0.00	\$0.00	\$0.00	38	0	0	0	26	4	8
Volta Medical Inc	\$273,963.36	\$422,323.23	\$0.00	\$0.00	182	41	0	0	73	4	1
Voom Medical Devices, Inc.	\$27,300.07	\$0.00	\$0.00	\$1,000.00	32	0	1	1	15	0	0
Vy Spine LLC	\$156.36	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
Vyaire Medical, Inc.	\$56,873.00	\$0.00	\$0.00	\$0.00	275	0	0	0	123	1	109
W. L. Gore & Associates, Inc.	\$5,638,066.29	\$3,498,007.21	\$0.00	\$0.00	22,858	937	0	0	5,678	72	1,328
WARDLOW ENTERPRISES	\$25,581.91	\$0.00	\$0.00	\$0.00	187	0	0	0	81	0	5
Walk Vascular, LLC	\$4,846,659.06	\$0.00	\$0.00	\$0.00	2	0	0	0	1	0	0
Warner-Lambert Company LLC	\$1,139.43	\$0.00	\$0.00	\$0.00	19	0	0	0	19	0	0
Watermark Medical, Inc.	\$1,115.79	\$0.00	\$0.00	\$0.00	34	0	0	0	24	0	2
Wenzel Spine, Inc.	\$35,542.32	\$0.00	\$0.00	\$0.00	69	0	0	0	52	0	2
Werfen USA LLC	\$73,202.34	\$0.00	\$0.00	\$0.00	395	0	0	0	216	43	48
Whip Mix Corporation	\$32,369.77	\$0.00	\$163,500.00	\$163,500.00	40	0	2	2	40	0	0
Whitehall International Inc	\$28,073.92	\$0.00	\$0.00	\$0.00	6	0	0	0	6	0	0
Wilson Cook Medical Incorporated	\$559,664.09	\$0.00	\$0.00	\$0.00	152	0	0	0	57	6	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Winter Innovations, Inc.	\$1,163.00	\$0.00	\$0.00	\$0.00	3	0	0	0	2	0	0
WishBone Medical Inc.	\$38,389.22	\$0.00	\$0.00	\$0.00	80	0	0	0	63	0	0
Withings, Inc.	\$3,211.68	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
World Class Technology Corporation	\$747,752.04	\$0.00	\$0.00	\$0.00	1,596	0	0	0	415	0	0
Woven Orthopedic Technologies, LLC	\$396.70	\$0.00	\$0.00	\$5,684,549.86	6	0	36	36	33	0	0
WyCo Surgical Distribution LLC	\$0.00	\$0.00	\$0.00	\$268,108.20	0	0	5	5	5	0	0
XVIVO Perfusion Inc.	\$30,177.37	\$114,088.75	\$0.00	\$0.00	147	13	0	0	43	7	3
Xellia Pharmaceuticals	\$5,876.00	\$0.00	\$0.00	\$0.00	6	0	0	0	5	0	1
Xenco Medical LLC	\$17,500.00	\$0.00	\$0.00	\$0.00	5	0	0	0	1	0	0
Xeris Pharmaceuticals, Inc.	\$1,138,033.80	\$911,304.51	\$0.00	\$0.00	30,894	60	0	0	8,703	21	6,154
Xiros Inc	\$17,282.36	\$0.00	\$0.00	\$0.00	48	0	0	0	25	0	1
Xiros Limited	\$0.00	\$25,000.00	\$0.00	\$0.00	0	1	0	0	0	0	0
Xtant Medical Inc	\$259,295.33	\$0.00	\$0.00	\$0.00	265	0	0	0	147	0	10
Y-mAbs Therapeutics, Inc.	\$75,412.47	\$2,199,447.94	\$0.00	\$0.00	126	251	0	0	71	8	45
ZIMVIE INC.	\$15,739,468.28	\$302,443.90	\$0.00	\$0.00	47,628	31	0	0	13,511	8	261
ZOLL Circulation Inc	\$499,718.33	\$355,716.82	\$0.00	\$0.00	798	63	0	0	364	28	61
ZOLL Medical Corporation	\$751,154.92	\$927,497.66	\$0.00	\$0.00	307	5	0	0	108	31	9
ZOLL Respicardia, Inc.	\$343,032.47	\$287,817.05	\$0.00	\$0.00	1,567	114	0	0	622	2	319
ZOLL Services LLC (A/K/A ZOLL LifeCor Corp)	\$4,064,103.39	\$401,467.36	\$0.00	\$0.00	73,785	254	0	0	14,125	50	9,547
ZSFab, Inc.	\$31,166.05	\$0.00	\$0.00	\$0.00	31	0	0	0	20	0	0
Zambon USA Ltd.	\$44,340.58	\$0.00	\$0.00	\$0.00	38	0	0	0	9	0	0
Zap Surgical Systems, Inc.	\$38,155.62	\$0.00	\$0.00	\$0.00	101	0	0	0	57	0	1
Zavation Medical Products, LLC	\$409,824.00	\$0.00	\$454,075.00	\$454,075.00	415	0	2	2	128	0	1
Zealand Pharma A/S	\$62,347.82	\$555,799.55	\$0.00	\$0.00	68	66	0	0	18	2	2
Zentech Inc.	\$10,750.00	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
Zerigo Health, Inc.	\$10,250.00	\$5,968.75	\$0.00	\$0.00	2	2	0	0	2	0	0
Zest Holdings, LLC	\$544,701.93	\$0.00	\$0.00	\$0.00	117	0	0	0	28	0	0
Ziemek Dental Laboratory, Inc.	\$48,938.74	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Ziemer USA	\$61,428.16	\$0.00	\$0.00	\$0.00	11	0	0	0	9	0	0
Zimmer Biomet Holdings, Inc.	\$128,467,161.51	\$3,919,670.81	\$6,813,810.00	\$6,394,848.20	30,995	817	53	53	6,528	150	791
Zydus Pharmaceuticals (USA) Inc.	\$800.00	\$0.00	\$0.00	\$0.00	1	0	0	0	1	0	0
Zyla Life Sciences, Inc.	\$750.00	\$81,760.00	\$0.00	\$0.00	1	1	0	0	1	0	0

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	General	Research	Investment	Interest	General	Research	Investment	Interest			
Zynex Medical, Inc.	\$13,256.67	\$0.00	\$0.00	\$0.00	66	0	0	0	44	0	23
aap Implants Inc	\$1,058.99	\$0.00	\$0.00	\$0.00	4	0	0	0	4	0	0
b2d Marketing	\$59.49	\$0.00	\$0.00	\$0.00	2	0	0	0	2	0	0
bioMerieux Inc	\$373,459.99	\$560,595.66	\$0.00	\$0.00	850	151	0	0	465	10	202
bluebird bio, Inc.	\$183,690.94	\$3,057,005.66	\$0.00	\$0.00	166	68	0	0	91	9	14
bsn medical inc	\$413,192.90	\$0.00	\$0.00	\$0.00	200	0	0	0	114	1	68
curasan, Inc.	\$45.55	\$0.00	\$0.00	\$0.00	3	0	0	0	3	0	0
entrotech life sciences inc.	\$0.00	\$0.00	\$0.00	\$99,999.41	0	0	1	1	1	0	0
entrotech life sciences, llc	\$60.00	\$0.00	\$0.00	\$0.00	1	0	0	0	0	0	1
exocad America, Inc.	\$23,502.57	\$0.00	\$0.00	\$0.00	9	0	0	0	4	0	0
iCAD, Inc	\$138,911.40	\$158,458.23	\$0.00	\$113,857.11	57	43	1	1	38	4	0
iRhythm Technologies, Inc.	\$1,193,481.22	\$1,072,739.50	\$0.00	\$0.00	7,114	70	0	0	2,727	4	1,175
iSchemaView, Inc.	\$167,500.00	\$0.00	\$0.00	\$0.00	16	0	0	0	16	0	0
icotec Medical Inc.	\$271,615.93	\$90,624.58	\$0.00	\$0.00	794	1	0	0	237	5	9
iotaMotion, Inc.	\$56,411.86	\$0.00	\$855,499.96	\$334,869.48	64	0	3	3	45	3	0
kaleo, Inc.	\$243,793.53	\$77,172.67	\$0.00	\$0.00	9,991	6	0	0	3,546	3	1,373
pharmaand GmbH	\$1,119.95	\$1,915,563.94	\$0.00	\$0.00	10	194	0	0	6	26	0
sanofi-aventis U.S. LLC	\$8,886,051.01	\$4,813,496.71	\$0.00	\$0.00	47,912	51	0	0	15,554	10	9,691
scPharmaceuticals Inc.	\$638,170.44	\$0.00	\$0.00	\$0.00	7,131	0	0	0	2,536	9	2,070
ulrich medical USA, Inc.	\$304,857.58	\$0.00	\$0.00	\$0.00	140	0	0	0	63	0	0