

DEADLINE FOR ESTABLISHMENT OF FEE SCHEDULES FOR RADIOLOGIST SERVICES; REPORT TO CONGRESS

Pub. L. 100-203, title IV, § 4049(b)(1), Dec. 22, 1987, 101 Stat. 1330-92, as amended by Pub. L. 100-360, title IV, § 411(f)(8)(E), July 1, 1988, 102 Stat. 780; Pub. L. 101-508, title IV, § 4118(g)(3), Nov. 5, 1990, 104 Stat. 1388-70, directed Secretary of Health and Human Services to propose the relative value scale and fee schedules for radiologist services (under subsec. (b) of this section) by not later than Aug. 1, 1988.

STUDY AND EVALUATION

Pub. L. 100-203, title IV, § 4062(c), Dec. 22, 1987, 101 Stat. 1330-107, as amended by Pub. L. 100-360, title IV, § 411(g)(1)(C), July 1, 1988, 102 Stat. 782, provided that:

“(1) The Secretary of Health and Human Services shall monitor the impact of the amendments made by this section [enacting this section, amending sections 1395f, 1395k, 1395l, and 1395cc of this title, and repealing section 1395zz of this title] on the availability of covered items and shall evaluate the appropriateness of the volume adjustment for oxygen and oxygen equipment under section 1834(a)(5)(C) of the Social Security Act [42 U.S.C. 1395m(a)(5)(C)] (as amended by subsection (b) of this section). The Secretary shall report to Congress, by not later than January 1, 1991, on such impact and on the evaluation and shall include in such report recommendations for changes in payment methodology for covered items under section 1834(a) of such Act.

“(2) Before January 1, 1991, the Secretary may not conduct any demonstration project respecting alternative methods of payment for covered items under title XVIII of the Social Security Act [42 U.S.C. 1395 et seq.].

“(3) In this subsection, the term ‘covered item’ has the meaning given such term in section 1834(a)(13) of the Social Security Act [42 U.S.C. 1395m(a)(13)] (as amended by subsection (b) of this section).

“(4) The Secretary shall, upon written request and payment of a reasonable copying fee which the Secretary may establish, provide the data and information used in determining the payment amounts for covered items under section 1834(a) of the Social Security Act [42 U.S.C. 1395m(a)], but only in a form which does not permit identification of individual suppliers.

“(5) The Comptroller General shall conduct a study on the appropriateness of the level of payments allowed for covered items under the medicare program, and shall report to Congress on the results of such study (including recommendations on the transition to regional or national rates) by not later than January 1, 1991. Entities furnishing such items which fail to provide the Comptroller General with reasonable access to necessary records to carry out the study under this paragraph are subject to exclusion from the medicare program under section 1128(a) of the Social Security Act [42 U.S.C. 1320a-7(a)].”

**§ 1395m-1. Improving policies for clinical diagnostic laboratory tests**

**(a) Reporting of private sector payment rates for establishment of medicare payment rates**

**(1) In general**

**(A) General reporting requirements**

Subject to subparagraph (B), beginning January 1, 2016, and every 3 years thereafter (or, annually, in the case of reporting with respect to an advanced diagnostic laboratory test, as defined in subsection (d)(5)), an applicable laboratory (as defined in paragraph (2)) shall report to the Secretary, at a time specified by the Secretary (referred to in this subsection as the “reporting period”), applicable information (as defined in paragraph (3)) for a data collection period (as de-

finied in paragraph (4)) for each clinical diagnostic laboratory test that the laboratory furnishes during such period for which payment is made under this part.

**(B) Revised reporting period**

In the case of reporting with respect to clinical diagnostic laboratory tests that are not advanced diagnostic laboratory tests, the Secretary shall revise the reporting period under subparagraph (A) such that—

(i) no reporting is required during the period beginning January 1, 2020, and ending December 31, 2025;

(ii) reporting is required during the period beginning January 1, 2026, and ending March 31, 2026; and

(iii) reporting is required every three years after the period described in clause (ii).

**(2) Definition of applicable laboratory**

In this section, the term “applicable laboratory” means a laboratory that, with respect to its revenues under this subchapter, a majority of such revenues are from this section, section 1395l(h) of this title, or section 1395w-4 of this title. The Secretary may establish a low volume or low expenditure threshold for excluding a laboratory from the definition of applicable laboratory under this paragraph, as the Secretary determines appropriate.

**(3) Applicable information defined**

**(A) In general**

In this section, subject to subparagraph (B), the term “applicable information” means, with respect to a laboratory test for a data collection period, the following:

(i) The payment rate (as determined in accordance with paragraph (5)) that was paid by each private payor for the test during the period.

(ii) The volume of such tests for each such payor for the period.

**(B) Exception for certain contractual arrangements**

Such term shall not include information with respect to a laboratory test for which payment is made on a capitated basis or other similar payment basis during the data collection period.

**(4) Data collection period defined**

**(A) In general**

Subject to subparagraph (B), in this section, the term “data collection period” means a period of time, such as a previous 12 month period, specified by the Secretary.

**(B) Exception**

In the case of the reporting period described in paragraph (1)(B)(ii) with respect to clinical diagnostic laboratory tests that are not advanced diagnostic laboratory tests, the term “data collection period” means the period beginning January 1, 2019, and ending June 30, 2019.

**(5) Treatment of discounts**

The payment rate reported by a laboratory under this subsection shall reflect all dis-

counts, rebates, coupons, and other price concessions, including those described in section 1395w-3a(c)(3) of this title.

**(6) Ensuring complete reporting**

In the case where an applicable laboratory has more than one payment rate for the same payor for the same test or more than one payment rate for different payors for the same test, the applicable laboratory shall report each such payment rate and the volume for the test at each such rate under this subsection. Beginning with January 1, 2019, the Secretary may establish rules to aggregate reporting with respect to the situations described in the preceding sentence.

**(7) Certification**

An officer of the laboratory shall certify the accuracy and completeness of the information reported under this subsection.

**(8) Private payor defined**

In this section, the term “private payor” means the following:

(A) A health insurance issuer and a group health plan (as such terms are defined in section 300gg-91 of this title).

(B) A Medicare Advantage plan under part C.

(C) A medicaid managed care organization (as defined in section 1396b(m) of this title).

**(9) Civil money penalty**

**(A) In general**

If the Secretary determines that an applicable laboratory has failed to report or made a misrepresentation or omission in reporting information under this subsection with respect to a clinical diagnostic laboratory test, the Secretary may apply a civil money penalty in an amount of up to \$10,000 per day for each failure to report or each such misrepresentation or omission.

**(B) Application**

The provisions of section 1320a-7a of this title (other than subsections (a) and (b)) shall apply to a civil money penalty under this paragraph in the same manner as they apply to a civil money penalty or proceeding under section 1320a-7a(a) of this title.

**(10) Confidentiality of information**

Notwithstanding any other provision of law, information disclosed by a laboratory under this subsection is confidential and shall not be disclosed by the Secretary or a Medicare contractor in a form that discloses the identity of a specific payor or laboratory, or prices charged or payments made to any such laboratory, except—

(A) as the Secretary determines to be necessary to carry out this section;

(B) to permit the Comptroller General to review the information provided;

(C) to permit the Director of the Congressional Budget Office to review the information provided; and

(D) to permit the Medicare Payment Advisory Commission to review the information provided.

**(11) Protection from public disclosure**

A payor shall not be identified on information reported under this subsection. The name

of an applicable laboratory under this subsection shall be exempt from disclosure under section 552(b)(3) of title 5.

**(12) Regulations**

Not later than June 30, 2015, the Secretary shall establish through notice and comment rulemaking parameters for data collection under this subsection.

**(b) Payment for clinical diagnostic laboratory tests**

**(1) Use of private payor rate information to determine medicare payment rates**

**(A) In general**

Subject to paragraph (3) and subsections (c) and (d), in the case of a clinical diagnostic laboratory test furnished on or after January 1, 2017, the payment amount under this section shall be equal to the weighted median determined for the test under paragraph (2) for the most recent data collection period.

**(B) Application of payment amounts to hospital laboratories**

The payment amounts established under this section shall apply to a clinical diagnostic laboratory test furnished by a hospital laboratory if such test is paid for separately, and not as part of a bundled payment under section 1395(t) of this title.

**(2) Calculation of weighted median**

For each laboratory test with respect to which information is reported under subsection (a) for a data collection period, the Secretary shall calculate a weighted median for the test for the period, by arraying the distribution of all payment rates reported for the period for each test weighted by volume for each payor and each laboratory.

**(3) Phase-in of reductions from private payor rate implementation**

**(A) In general**

Payment amounts determined under this subsection for a clinical diagnostic laboratory test for each of 2017 through 2028 shall not result in a reduction in payments for a clinical diagnostic laboratory test for the year of greater than the applicable percent (as defined in subparagraph (B)) of the amount of payment for the test for the preceding year.

**(B) Applicable percent defined**

In this paragraph, the term “applicable percent” means—

(i) for each of 2017 through 2020, 10 percent;

(ii) for each of 2021 through 2025, 0 percent; and

(iii) for each of 2026 through 2028, 15 percent.

**(C) No application to new tests**

This paragraph shall not apply to payment amounts determined under this section for either of the following.

(i) A new test under subsection (c).

(ii) A new advanced diagnostic test<sup>1</sup> (as defined in subsection (d)(5)) under subsection (d).

**(4) Application of market rates**

**(A) In general**

Subject to paragraph (3), once established for a year following a data collection period, the payment amounts under this subsection shall continue to apply until the year following the next data collection period.

**(B) Other adjustments not applicable**

The payment amounts under this section shall not be subject to any adjustment (including any geographic adjustment, budget neutrality adjustment, annual update, or other adjustment).

**(5) Sample collection fee**

In the case of a sample collected from an individual in a skilled nursing facility or by a laboratory on behalf of a home health agency, the nominal fee that would otherwise apply under section 1395l(h)(3)(A) of this title shall be increased by \$2.

**(c) Payment for new tests that are not advanced diagnostic laboratory tests**

**(1) Payment during initial period**

In the case of a clinical diagnostic laboratory test that is assigned a new or substantially revised HCPCS code on or after April 1, 2014, and which is not an advanced diagnostic laboratory test (as defined in subsection (d)(5)), during an initial period until payment rates under subsection (b) are established for the test, payment for the test shall be determined—

(A) using cross-walking (as described in section 414.508(a) of title 42, Code of Federal Regulations, or any successor regulation) to the most appropriate existing test under the fee schedule under this section during that period; or

(B) if no existing test is comparable to the new test, according to the gapfilling process described in paragraph (2).

**(2) Gapfilling process described**

The gapfilling process described in this paragraph shall take into account the following sources of information to determine gapfill amounts, if available:

(A) Charges for the test and routine discounts to charges.

(B) Resources required to perform the test.

(C) Payment amounts determined by other payors.

(D) Charges, payment amounts, and resources required for other tests that may be comparable or otherwise relevant.

(E) Other criteria the Secretary determines appropriate.

**(3) Additional consideration**

In determining the payment amount under crosswalking or gapfilling processes under this subsection, the Secretary shall consider recommendations from the panel established under subsection (f)(1).

**(4) Explanation of payment rates**

In the case of a clinical diagnostic laboratory test for which payment is made under this subsection, the Secretary shall make available to the public an explanation of the payment rate for the test, including an explanation of how the criteria described in paragraph (2) and paragraph (3) are applied.

**(d) Payment for new advanced diagnostic laboratory tests**

**(1) Payment during initial period**

**(A) In general**

In the case of an advanced diagnostic laboratory test for which payment has not been made under the fee schedule under section 1395l(h) of this title prior to April 1, 2014, during an initial period of three quarters, the payment amount for the test for such period shall be based on the actual list charge for the laboratory test.

**(B) Actual list charge**

For purposes of subparagraph (A), the term “actual list charge”, with respect to a laboratory test furnished during such period, means the publicly available rate on the first day at which the test is available for purchase by a private payor.

**(2) Special rule for timing of initial reporting**

With respect to an advanced diagnostic laboratory test described in paragraph (1)(A), an applicable laboratory shall initially be required to report under subsection (a) not later than the last day of the second quarter of the initial period under such paragraph.

**(3) Application of market rates after initial period**

Subject to paragraph (4), data reported under paragraph (2) shall be used to establish the payment amount for an advanced diagnostic laboratory test after the initial period under paragraph (1)(A) using the methodology described in subsection (b). Such payment amount shall continue to apply until the year following the next data collection period.

**(4) Recoupment if actual list charge exceeds market rate**

With respect to the initial period described in paragraph (1)(A), if, after such period, the Secretary determines that the payment amount for an advanced diagnostic laboratory test under paragraph (1)(A) that was applicable during the period was greater than 130 percent of the payment amount for the test established using the methodology described in subsection (b) that is applicable after such period, the Secretary shall recoup the difference between such payment amounts for tests furnished during such period.

**(5) Advanced diagnostic laboratory test defined**

In this subsection, the term “advanced diagnostic laboratory test” means a clinical diagnostic laboratory test covered under this part that is offered and furnished only by a single laboratory and not sold for use by a laboratory other than the original developing laboratory

<sup>1</sup> So in original. Probably should be preceded by “laboratory”.

(or a successor owner) and meets one of the following criteria:

(A) The test is an analysis of multiple biomarkers of DNA, RNA, or proteins combined with a unique algorithm to yield a single patient-specific result.

(B) The test is cleared or approved by the Food and Drug Administration.

(C) The test meets other similar criteria established by the Secretary.

**(e) Coding**

**(1) Temporary codes for certain new tests**

**(A) In general**

The Secretary shall adopt temporary HCPCS codes to identify new advanced diagnostic laboratory tests (as defined in subsection (d)(5)) and new laboratory tests that are cleared or approved by the Food and Drug Administration.

**(B) Duration**

**(i) In general**

Subject to clause (ii), the temporary code shall be effective until a permanent HCPCS code is established (but not to exceed 2 years).

**(ii) Exception**

The Secretary may extend the temporary code or establish a permanent HCPCS code, as the Secretary determines appropriate.

**(2) Existing tests**

Not later than January 1, 2016, for each existing advanced diagnostic laboratory test (as so defined) and each existing clinical diagnostic laboratory test that is cleared or approved by the Food and Drug Administration for which payment is made under this part as of April 1, 2014, if such test has not already been assigned a unique HCPCS code, the Secretary shall—

(A) assign a unique HCPCS code for the test; and

(B) publicly report the payment rate for the test.

**(3) Establishment of unique identifier for certain tests**

For purposes of tracking and monitoring, if a laboratory or a manufacturer requests a unique identifier for an advanced diagnostic laboratory test (as so defined) or a laboratory test that is cleared or approved by the Food and Drug Administration, the Secretary shall utilize a means to uniquely track such test through a mechanism such as a HCPCS code or modifier.

**(f) Input from clinicians and technical experts**

**(1) In general**

The Secretary shall consult with an expert outside advisory panel, established by the Secretary not later than July 1, 2015, composed of an appropriate selection of individuals with expertise, which may include molecular pathologists, researchers, and individuals with expertise in laboratory science or health economics, in issues related to clinical diagnostic laboratory tests, which may include the devel-

opment, validation, performance, and application of such tests, to provide—

(A) input on—

(i) the establishment of payment rates under this section for new clinical diagnostic laboratory tests, including whether to use crosswalking or gapfilling processes to determine payment for a specific new test; and

(ii) the factors used in determining coverage and payment processes for new clinical diagnostic laboratory tests; and

(B) recommendations to the Secretary under this section.

**(2) Compliance with chapter 10 of title 5**

The panel shall be subject to chapter 10 of title 5.

**(3) Continuation of annual meeting**

The Secretary shall continue to convene the annual meeting described in section 1395f(h)(8)(B)(iii) of this title after the implementation of this section for purposes of receiving comments and recommendations (and data on which the recommendations are based) as described in such section on the establishment of payment amounts under this section.

**(g) Coverage**

**(1) Issuance of coverage policies**

**(A) In general**

A medicare administrative contractor shall only issue a coverage policy with respect to a clinical diagnostic laboratory test in accordance with the process for making a local coverage determination (as defined in section 1395ff(f)(2)(B) of this title), including the appeals and review process for local coverage determinations under part 426 of title 42, Code of Federal Regulations (or successor regulations).

**(B) No effect on national coverage determination process**

This paragraph shall not apply to the national coverage determination process (as defined in section 1395ff(f)(1)(B) of this title).

**(C) Effective date**

This paragraph shall apply to coverage policies issued on or after January 1, 2015.

**(2) Designation of one or more medicare administrative contractors for clinical diagnostic laboratory tests**

The Secretary may designate one or more (not to exceed 4) medicare administrative contractors to either establish coverage policies or establish coverage policies and process claims for payment for clinical diagnostic laboratory tests, as determined appropriate by the Secretary.

**(h) Implementation**

**(1) Implementation**

There shall be no administrative or judicial review under section 1395ff of this title, section 1395oo of this title, or otherwise, of the establishment of payment amounts under this section.

**(2) Administration**

Chapter 35 of title 44 shall not apply to information collected under this section.

**(3) Funding**

For purposes of implementing this section, the Secretary shall provide for the transfer, from the Federal Supplementary Medical Insurance Trust Fund under section 1395t of this title, to the Centers for Medicare & Medicaid Services Program Management Account, for each of fiscal years 2014 through 2018, \$4,000,000, and for each of fiscal years 2019 through 2023, \$3,000,000. Amounts transferred under the preceding sentence shall remain available until expended.

**(i) Transitional rule**

During the period beginning on April 1, 2014, and ending on December 31, 2016, with respect to advanced diagnostic laboratory tests under this part, the Secretary shall use the methodologies for pricing, coding, and coverage in effect on the day before April 1, 2014, which may include cross-walking or gapfilling methods.

(Aug. 14, 1935, ch. 531, title XVIII, §1834A, as added Pub. L. 113-93, title II, §216(a), Apr. 1, 2014, 128 Stat. 1053; amended Pub. L. 116-94, div. N, title I, §105(a), Dec. 20, 2019, 133 Stat. 3100; Pub. L. 116-136, div. A, title III, §3718, Mar. 27, 2020, 134 Stat. 425; Pub. L. 117-71, §4, Dec. 10, 2021, 135 Stat. 1507; Pub. L. 117-286, §4(a)(251), Dec. 27, 2022, 136 Stat. 4333; Pub. L. 117-328, div. FF, title IV, §4114, Dec. 29, 2022, 136 Stat. 5901; Pub. L. 118-22, div. B, title II, §502, Nov. 17, 2023, 137 Stat. 123; Pub. L. 118-83, div. B, title II, §221, Sept. 26, 2024, 138 Stat. 1538.)

**Editorial Notes****AMENDMENTS**

2024—Subsec. (a)(1)(B)(i). Pub. L. 118-83, §221(b)(1), substituted “2025” for “2024”.

Subsec. (a)(1)(B)(ii). Pub. L. 118-83, §221(b)(2), substituted “2026” for “2025” in two places.

Subsec. (b)(3)(A). Pub. L. 118-83, §221(a)(1), substituted “2028” for “2027”.

Subsec. (b)(3)(B)(ii). Pub. L. 118-83, §221(a)(2)(A), substituted “2025” for “2024”.

Subsec. (b)(3)(B)(iii). Pub. L. 118-83, §221(a)(2)(B), substituted “2026 through 2028” for “2025 through 2027”.

2023—Subsec. (a)(1)(B)(i). Pub. L. 118-22, §502(b)(1), substituted “2024” for “2023”.

Subsec. (a)(1)(B)(ii). Pub. L. 118-22, §502(b)(2), substituted “2025” for “2024” in two places.

Subsec. (b)(3)(A). Pub. L. 118-22, §502(a)(1), substituted “2027” for “2026”.

Subsec. (b)(3)(B)(ii). Pub. L. 118-22, §502(a)(2)(A), substituted “2024” for “2023”.

Subsec. (b)(3)(B)(iii). Pub. L. 118-22, §502(a)(2)(B), substituted “2025 through 2027” for “2024 through 2026”.

2022—Subsec. (a)(1)(B)(i). Pub. L. 117-328, §4114(b)(1), substituted “December 31, 2023” for “December 31, 2022”.

Subsec. (a)(1)(B)(ii). Pub. L. 117-328, §4114(b)(2), substituted “January 1, 2024” for “January 1, 2023” and “March 31, 2024” for “March 31, 2023”.

Subsec. (b)(3)(A). Pub. L. 117-328, §4114(a)(1), substituted “through 2026” for “through 2025”.

Subsec. (b)(3)(B)(ii). Pub. L. 117-328, §4114(a)(2)(A), substituted “through 2023” for “and 2022”.

Subsec. (b)(3)(B)(iii). Pub. L. 117-328, §4114(a)(2)(B), substituted “2024 through 2026” for “2023 through 2025”.

Subsec. (f)(2). Pub. L. 117-286 substituted “chapter 10 of title 5” for “FACA” in heading and “chapter 10 of title 5.” for “the Federal Advisory Committee Act (5 U.S.C. App.)” in text.

2021—Subsec. (a)(1)(B)(i). Pub. L. 117-71, §4(b)(1), substituted “December 31, 2022” for “December 31, 2021”.

Subsec. (a)(1)(B)(ii). Pub. L. 117-71, §4(b)(2), substituted “January 1, 2023” for “January 1, 2022” and “March 31, 2023” for “March 31, 2022”.

Subsec. (b)(3)(A). Pub. L. 117-71, §4(a)(1), substituted “through 2025” for “through 2024”.

Subsec. (b)(3)(B)(ii). Pub. L. 117-71, §4(a)(2)(A), substituted “for each of 2021 and 2022” for “for 2021”.

Subsec. (b)(3)(B)(iii). Pub. L. 117-71, §4(a)(2)(B), substituted “2023 through 2025” for “2022 through 2024”.

2020—Subsec. (a)(1)(B)(i). Pub. L. 116-136, §3718(a)(1), substituted “December 31, 2021” for “December 31, 2020”.

Subsec. (a)(1)(B)(ii). Pub. L. 116-136, §3718(a)(2), substituted “January 1, 2022” for “January 1, 2021” and “March 31, 2022” for “March 31, 2021”.

Subsec. (b)(3)(A). Pub. L. 116-136, §3718(b)(1), substituted “through 2024” for “through 2023”.

Subsec. (b)(3)(B). Pub. L. 116-136, §3718(b)(2), added cl. (ii), redesignated former cl. (ii) as (iii), and substituted “2022 through 2024” for “2021 through 2023” in cl. (iii).

2019—Subsec. (a)(1). Pub. L. 116-94, §105(a)(1)(A), designated existing provisions as subpar. (A) and inserted heading, substituted “Subject to subparagraph (B), beginning January 1, 2016” for “Beginning January 1, 2016”, inserted “(referred to in this subsection as the ‘reporting period’)” after “at a time specified by the Secretary”, and added subpar. (B).

Subsec. (a)(4). Pub. L. 116-94, §105(a)(1)(B), designated existing provisions as subpar. (A) and inserted heading, substituted “Subject to subparagraph (B), in this section” for “In this section”, and added subpar. (B).

Subsec. (b)(3)(A). Pub. L. 116-94, §105(a)(2)(A), substituted “through 2023” for “through 2022”.

Subsec. (b)(3)(B)(i). Pub. L. 116-94, §105(a)(2)(B)(i), substituted “through 2020” for “through 2019”.

Subsec. (b)(3)(B)(ii). Pub. L. 116-94, §105(a)(2)(B)(ii), substituted “2021 through 2023” for “2020 through 2022”.

**Statutory Notes and Related Subsidiaries****MONITORING OF MEDICARE EXPENDITURES AND IMPLEMENTATION OF NEW PAYMENT SYSTEM FOR LABORATORY TESTS**

Pub. L. 113-93, title II, §216(c)(2), Apr. 1, 2014, 128 Stat. 1061, provided that: “The Inspector General of the Department of Health and Human Services shall—

“(A) publicly release an annual analysis of the top 25 laboratory tests by expenditures under title XVIII of the Social Security Act [42 U.S.C. 1395 et seq.]; and

“(B) conduct analyses the Inspector General determines appropriate with respect to the implementation and effect of the new payment system for laboratory tests under section 1834A of the Social Security Act [42 U.S.C. 1395m-1], as added by subsection (a).”

**§ 1395n. Procedure for payment of claims of providers of services****(a) Conditions for payment for services described in section 1395k(a)(2) of this title**

Except as provided in subsections (b), (c), and (e), payment for services described in section 1395k(a)(2) of this title furnished an individual may be made only to providers of services which are eligible therefor under section 1395cc(a) of this title, and only if—

(1) written request, signed by such individual, except in cases in which the Secretary finds it impracticable for the individual to do so, is filed for such payment in such form, in such manner and by such person or persons as the Secretary may by regulation prescribe, no later than the close of the period ending 1 calendar year after the date of service; and

(2) a physician, or, in the case of services described in subparagraph (A), a physician, a nurse practitioner or clinical nurse specialist