

# 2023 CPT® Updates



# AAPC

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## Objectives

- Overview of the new, revised, and deleted CPT® codes for 2023
- Review documentation requirements for the new codes

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## Code Changes — Now What?

- Review 2023 CPT® code changes.
- Order 2023 code books.
- Review all changes to guidelines, notes, and instructions in your book.
- Highlight changes in the book's index pertinent to your specialty and review those changes.

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## Code Changes — Now What?

- Highlight changes in the tabular section pertinent to your specialty.
- Create a quick reference sheet of 2023 updates that must be documented differently to capture the needed information, and distribute it to clinicians.
- Review and update superbills, chargemasters, etc.

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## Code Changes — Now What?

- Upload software change.
- Train coding and billing staff on changes.
- Check for addenda or errata.
- Communicate with payer/provider reps regarding reimbursement and coverage issues.
- Archive last year's books.

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## Unchanged for 2023

- Anesthesia codes no changes.

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## New Appendices

- Appendix S – Artificial Intelligence Taxonomy for Medical Services and Procedures
- Appendix T – CPT Codes That May Be Used For Synchronous Real-Time Interactive Audio-Only Telemedicine Services

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## Modifiers

- Modifier 93 added for 2023

**93 ▶ Synchronous Telemedicine Service Rendered Via Telephone or Other Real-Time Interactive Audio-Only Telecommunications System:** Synchronous telemedicine service is defined as a real-time interaction between a physician or other qualified health care professional and a patient who is located away at a distant site from the physician or other qualified health care professional. The totality of the communication of information exchanged between the physician or other qualified health care professional and the patient during the course of the synchronous telemedicine service must be of an amount and nature that is sufficient to meet the key components and/or requirements of the same service when rendered via a face-to-face interaction. ◀

## Evaluation and Management

### Observation Codes

- Deletion of Initial Observation (99218, 99218, 99220), Subsequent Observation (99224, 99225, 99236) and Observation Discharge (99217)



## Evaluation and Management

▲ 99221 Initial hospital inpatient or observation care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and straightforward or low level medical decision making. these 3 key components:

- ~~A detailed or comprehensive history;~~
- ~~A detailed or comprehensive examination; and~~
- ~~Medical decision making that is straightforward or of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the problem(s) requiring admission are of low severity. Typically, 30 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 40 minutes must be met or exceeded.~~



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## Evaluation and Management

▲ 99222 Initial hospital inpatient or observation care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making. these 3 key components:

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the problem(s) requiring admission are of moderate severity. Typically, 50 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 55 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ 99223 Initial hospital inpatient or observation care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and high level of medical decision making. these 3 key components:

- A comprehensive history;
- A comprehensive examination; and
- Medical decision making of high complexity.

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the problem(s) requiring admission are of high severity. Typically, 70 minutes are spent at the bedside and on the patient's hospital floor or unit.

When using total time on the date of the encounter for code selection, 75 minutes must be met or exceeded.



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## Evaluation and Management

- ★ ▲ 99231 Subsequent hospital inpatient or observation care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and straightforward or low level of medical decision making. at least 2 of these 3 key components:

- A problem focused interval history;
- A problem focused examination;
- Medical decision making that is straightforward or of low complexity.

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the patient is stable, recovering or improving. Typically, 15 minutes are spent at the bedside and on the patient's hospital floor or unit.

When using total time on the date of the encounter for code selection, 25 minutes must be met or exceeded.



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## Evaluation and Management

★ ▲ 99232 **Subsequent hospital inpatient or observation care**, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making at least 2 of these 3 key components:

- ~~An expanded problem focused interval history;~~
- ~~An expanded problem focused examination;~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient is responding inadequately to therapy or has developed a minor complication. Typically, 25 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 35 minutes must be met or exceeded.~~



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## Evaluation and Management

★ ▲ 99233 **Subsequent hospital inpatient or observation care**, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and high level of medical decision making at least 2 of these 3 key components:

- ~~A detailed interval history;~~
- ~~A detailed examination;~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient is unstable or has developed a significant complication or a significant new problem. Typically, 35 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 50 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ 99234 ~~Hospital inpatient or Observation or inpatient hospital care~~, for the evaluation and management of a patient including admission and discharge on the same date, which requires a medically appropriate history and/or examination and straightforward or low level of medical decision making. ~~these 3 key components:~~

- ~~A detailed or comprehensive history;~~
- ~~A detailed or comprehensive examination; and~~
- ~~Medical decision making that is straightforward or of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually the presenting problem(s) requiring admission are of low severity. Typically, 40 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 45 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ 99235 ~~Hospital inpatient or Observation or inpatient hospital care~~, for the evaluation and management of a patient including admission and discharge on the same date, which requires a medically appropriate history and/or examination and moderate level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually the presenting problem(s) requiring admission are of moderate severity. Typically, 50 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 70 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ 99236 ~~Hospital inpatient or observation or inpatient hospital care~~, for the evaluation and management of a patient including admission and discharge on the same date, which requires a medically appropriate history and/or examination and high level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually the presenting problem(s) requiring admission are of high severity. Typically, 55 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 85 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ 99238 Hospital inpatient or observation discharge day management; 30 minutes or less on the date of the encounter

- ▲ 99239 Hospital inpatient or observation discharge day management; more than 30 minutes on the date of the encounter

- 99241 Office consultation for a new or established patient, which requires ~~these 3 key components:~~

- ~~A problem focused history;~~
- ~~A problem focused examination; and~~
- ~~Straightforward medical decision making.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are self limited or minor. Typically, 15 minutes are spent face-to-face with the patient and/or family.~~



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## Evaluation and Management

- ★ ▲ 99242 **Office or other outpatient consultation** for a new or established patient, which requires a medically appropriate history and/or examination and straightforward medical decision making. ~~these 3 key components:~~

- ~~An expanded problem focused history;~~
- ~~An expanded problem focused examination; and~~
- ~~Straightforward medical decision making.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of low severity. Typically, 30 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 20 minutes must be met or exceeded.~~



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## Evaluation and Management

- ★ ▲ 99243 **Office or other outpatient consultation** for a new or established patient, which requires a medically appropriate history and/or examination and low level of medical decision making. ~~these 3 key components:~~

- ~~A detailed history;~~
- ~~A detailed examination; and~~
- ~~Medical decision making of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate severity. Typically, 40 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 30 minutes must be met or exceeded.~~



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## Evaluation and Management

★ ▲ 99244 **Office or other outpatient consultation** for a new or established patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate to high severity. Typically, 60 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 40 minutes must be met or exceeded.~~



23

## Evaluation and Management

★ ▲ 99245 **Office or other outpatient consultation** for a new or established patient, which requires a medically appropriate history and/or examination and high level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate to high severity. Typically, 80 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 55 minutes must be met or exceeded.~~



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## Evaluation and Management

**99251** ~~Inpatient consultation~~ for a new or established patient, which requires these 3 key components:

- ~~A problem focused history;~~
- ~~A problem focused examination; and~~
- ~~Straightforward medical decision making.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are self-limited or minor. Typically, 20 minutes are spent at the bedside and on the patient's hospital floor or unit.~~



25

## Evaluation and Management

★ ▲ **99252** Inpatient or observation consultation for a new or established patient, which requires a medically appropriate history and/or examination and straightforward medical decision making.~~these 3 key components:~~

- ~~An expanded problem focused history;~~
- ~~An expanded problem focused examination; and~~
- ~~Straightforward medical decision making.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of low severity. Typically, 40 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

When using total time on the date of the encounter for code selection, 35 minutes must be met or exceeded.



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## Evaluation and Management

★ ▲ 99253 **Inpatient or observation consultation** for a new or established patient, which requires a medically appropriate history and/or examination and low level of medical decision making. ~~these 3 key components:~~

- ~~A detailed history;~~
- ~~A detailed examination; and~~
- ~~Medical decision making of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate severity. Typically, 55 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 45 minutes must be met or exceeded.~~



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## Evaluation and Management

★ ▲ 99254 **Inpatient or observation consultation** for a new or established patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate to high severity. Typically, 80 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

~~When using total time on the date of the encounter for code selection, 60 minutes must be met or exceeded.~~



28

## Evaluation and Management

★ ▲ 99255 **Inpatient or observation consultation** for a new or established patient, which requires a medically appropriate history and/or examination and high level of medical decision making. ~~these 3 key components:~~

- — A comprehensive history;
- — A comprehensive examination; and
- — Medical decision making of high complexity.

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate to high severity. Typically, 110 minutes are spent at the bedside and on the patient's hospital floor or unit.~~

When using total time on the date of the encounter for code selection, 80 minutes must be met or exceeded.



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## Evaluation and Management

▲ 99281 **Emergency department visit** for the evaluation and management of a patient, ~~which requires these 3 key components: that may not require the presence of a physician or other qualified health care professional~~

- — A problem focused history;
- — A problem focused examination; and
- — Straightforward medical decision making.

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are self limited or minor.~~



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## Evaluation and Management

▲ **99282 Emergency department visit** for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and straightforward medical decision making which requires these 3 key components:

- An expanded problem focused history;
- An expanded problem focused examination; and
- Medical decision making of low complexity.

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the presenting problem(s) are of low to moderate severity.



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## Evaluation and Management

▲ **99283 Emergency department visit** for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and low level of medical decision making which requires these 3 key components:

- An expanded problem focused history;
- An expanded problem focused examination; and
- Medical decision making of moderate complexity.

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the presenting problem(s) are of moderate severity.



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## Evaluation and Management

▲ **99284 Emergency department visit** for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making~~which requires these 3 key components:~~

- ~~A detailed history;~~
- ~~A detailed examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of high severity, and require urgent evaluation by the physician, or other qualified health care professionals but do not pose an immediate significant threat to life or physiologic function.~~



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## Evaluation and Management

▲ **99285 Emergency department visit** for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and high level of medical decision making~~which requires these 3 key components within the constraints imposed by the urgency of the patient's clinical condition and/or mental status:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of high severity and pose an immediate significant threat to life or physiologic function.~~



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## Evaluation and Management

▲ 99304 Initial nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and straightforward or low level of medical decision making, ~~these 3 key components:~~

- ~~A detailed or comprehensive history;~~
- ~~A detailed or comprehensive examination; and~~
- ~~Medical decision making that is straightforward or of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the problem(s) requiring admission are of low severity. Typically, 25 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 25 minutes must be met or exceeded.~~



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## Evaluation and Management

▲ 99305 Initial nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making, ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the problem(s) requiring admission are of moderate severity. Typically, 35 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 35 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ 99306 Initial nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and high level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the problem(s) requiring admission are of high severity. Typically, 45 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 45 minutes must be met or exceeded.~~



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## Evaluation and Management

- ★ ▲ 99307 Subsequent nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and straightforward medical decision making. ~~at least 2 of these 3 key components:~~

- ~~A problem focused interval history;~~
- ~~A problem focused examination;~~
- ~~Straightforward medical decision making.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient is stable, recovering, or improving. Typically, 10 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 10 minutes must be met or exceeded.~~



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## Evaluation and Management

★ ▲ 99308 Subsequent nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and low level of medical decision making, at least 2 of these 3 key components:

- ~~An expanded problem focused interval history;~~
- ~~An expanded problem focused examination;~~
- ~~Medical decision making of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient is responding inadequately to therapy or has developed a minor complication. Typically, 15 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 15 minutes must be met or exceeded.~~



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## Evaluation and Management

★ ▲ 99309 Subsequent nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making, at least 2 of these 3 key components:

- ~~A detailed interval history;~~
- ~~A detailed examination;~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient has developed a significant complication or a significant new problem. Typically, 25 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 30 minutes must be met or exceeded.~~



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## Evaluation and Management

- ★ ▲ **99310** Subsequent nursing facility care, per day, for the evaluation and management of a patient, which requires a medically appropriate history and/or examination and high level of medical decision making, at least 2 of these 3 key components:

- ~~A comprehensive interval history;~~
- ~~A comprehensive examination;~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~The patient may be unstable or may have developed a significant new problem requiring immediate physician attention. Typically, 35 minutes are spent at the bedside and on the patient's facility floor or unit.~~

~~When using total time on the date of the encounter for code selection, 45 minutes must be met or exceeded.~~



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## Evaluation and Management

- ▲ **99315** Nursing facility discharge ~~day~~ management; 30 minutes or less total time on the date of the encounter
- ▲ **99316** Nursing facility discharge ~~day~~ management; more than 30 minutes total time on the date of the encounter

- 99318** ~~Evaluation and management of a patient involving an annual nursing facility assessment, which requires these 3 key components:~~

- ~~A detailed interval history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making that is of low to moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient is stable, recovering, or improving. Typically, 30 minutes are spent at the bedside and on the patient's facility floor or unit.~~



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# Evaluation and Management

## Domiciliary or Rest Home Codes

- Deletion of New Patient (99324, 99325, 99326, 99327) and Established Patient (99224, 99225, 99236)



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# Evaluation and Management

- ▲ **99341** **Home or residence visit** for the evaluation and management of a new patient, which requires a medically appropriate history and/or examination and straightforward medical decision making. ~~these 3 key components:~~

- — A problem focused history;
- — A problem focused examination; and
- — Straightforward medical decision making.

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of low severity. Typically, 20 minutes are spent face-to-face with the patient and/or family.~~

When using total time on the date of the encounter for code selection, 15 minutes must be met or exceeded.



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## Evaluation and Management

▲ **99342** **Home or residence visit** for the evaluation and management of a new patient, which requires a medically appropriate history and/or examination and low level of medical decision making. ~~these 3 key components:~~

- ~~An expanded problem focused history;~~
- ~~An expanded problem focused examination; and~~
- ~~Medical decision making of low complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate severity. Typically, 30 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 30 minutes must be met or exceeded.~~



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## Evaluation and Management

**99343** **Home visit** for the evaluation and management of a new patient, which requires these 3 key components:

- **A detailed history;**
- **A detailed examination; and**
- **Medical decision making of moderate complexity.**

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the presenting problem(s) are of moderate to high severity. Typically, 45 minutes are spent face-to-face with the patient and/or family.



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## Evaluation and Management

▲ 99344 **Home or residence visit** for the evaluation and management of a new patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of high severity. Typically, 60 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 60 minutes must be met or exceeded.~~



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## Evaluation and Management

▲ 99345 **Home or residence visit** for the evaluation and management of a new patient, which requires a medically appropriate history and/or examination and high level of medical decision making. ~~these 3 key components:~~

- ~~A comprehensive history;~~
- ~~A comprehensive examination; and~~
- ~~Medical decision making of high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the patient is unstable or has developed a significant new problem requiring immediate physician attention. Typically, 75 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 75 minutes must be met or exceeded.~~



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## Evaluation and Management

▲ 99347 **Home or residence visit** for the evaluation and management of an established patient, which requires a medically appropriate history and/or examination and straightforward medical decision making, at least 2 of these 3 key components:

- A problem focused interval history;
- A problem focused examination;
- Straightforward medical decision making.

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the presenting problem(s) are self limited or minor. Typically, 15 minutes are spent face-to-face with the patient and/or family.

When using total time on the date of the encounter for code selection, 20 minutes must be met or exceeded.



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## Evaluation and Management

▲ 99348 **Home or residence visit** for the evaluation and management of an established patient, which requires a medically appropriate history and/or examination and low level of medical decision making, at least 2 of these 3 key components:

- An expanded problem focused interval history;
- An expanded problem focused examination;
- Medical decision making of low complexity.

Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.

Usually, the presenting problem(s) are of low to moderate severity. Typically, 25 minutes are spent face-to-face with the patient and/or family.

When using total time on the date of the encounter for code selection, 30 minutes must be met or exceeded.



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## Evaluation and Management

▲ **99349** Home or residence visit for the evaluation and management of an established patient, which requires a medically appropriate history and/or examination and moderate level of medical decision making, at least 2 of these 3 key components:

- ~~A detailed interval history;~~
- ~~A detailed examination;~~
- ~~Medical decision making of moderate complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are moderate to high severity. Typically, 40 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 40 minutes must be met or exceeded.~~



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## Evaluation and Management

▲ **99350** Home or residence visit for the evaluation and management of an established patient, which requires a medically appropriate history and/or examination and high level of medical decision making, at least 2 of these 3 key components:

- ~~A comprehensive interval history;~~
- ~~A comprehensive examination;~~
- ~~Medical decision making of moderate to high complexity.~~

~~Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.~~

~~Usually, the presenting problem(s) are of moderate to high severity. The patient may be unstable or may have developed a significant new problem requiring immediate physician attention. Typically, 60 minutes are spent face-to-face with the patient and/or family.~~

~~When using total time on the date of the encounter for code selection, 60 minutes must be met or exceeded.~~



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## Evaluation and Management

- 99354** Prolonged service(s) in the outpatient setting requiring direct patient contact beyond the time of the usual service; first hour (List separately in addition to code for outpatient **Evaluation and Management** or psychotherapy service, except with office or other outpatient services [99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215])
- 99355** Prolonged service(s) in the outpatient setting requiring direct patient contact beyond the time of the usual service; each additional 30 minutes (List separately in addition to code for prolonged service)
- 99356** Prolonged service in the inpatient or observation setting, requiring unit/floor time beyond the usual service; first hour (List separately in addition to code for inpatient or observation **Evaluation and Management service**)
- 99357** Prolonged service in the inpatient or observation setting, requiring unit/floor time beyond the usual service; each additional 30 minutes (List separately in addition to code for prolonged service)



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## Evaluation and Management

- #★+▲99417** Prolonged ~~office or other~~ outpatient evaluation and management service(s) time with or without direct patient contact beyond the minimum required time of the primary service procedure which when the primary service level has been selected using total time, requiring total time with or without direct patient contact beyond the usual service, on the date of the primary service, each 15 minutes of total time (List separately in addition to codes 99205, 99215 for office or other the code of the outpatient **Evaluation and Management** services)
- #★+●99418** Prolonged inpatient or observation evaluation and management service(s) time with or without direct patient contact beyond the required time of the primary service when the primary service level has been selected using total time, each 15 minutes of total time (List separately in addition to the code of the inpatient and observation **Evaluation and Management service**)
- ▲99446** Interprofessional telephone/Internet/electronic health record assessment and management service provided by a consultative physician or other qualified health care professional, including a verbal and written report to the patient's treating/requesting physician or other qualified health care professional; 5-10 minutes of medical consultative discussion and review



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## Evaluation and Management

- ▲ **99447** Interprofessional telephone/Internet/electronic health record assessment and management service provided by a consultative physician or other qualified health care professional, including a verbal and written report to the patient's treating/requesting physician or other qualified health care professional; 11-20 minutes of medical consultative discussion and review
- ▲ **99448** Interprofessional telephone/Internet/electronic health record assessment and management service provided by a consultative physician or other qualified health care professional, including a verbal and written report to the patient's treating/requesting physician or other qualified health care professional; 21-30 minutes of medical consultative discussion and review
- ▲ **99449** Interprofessional telephone/Internet/electronic health record assessment and management service provided by a consultative physician or other qualified health care professional, including a verbal and written report to the patient's treating/requesting physician or other qualified health care professional; 31 minutes or more of medical consultative discussion and review
- #▲ **99451** Interprofessional telephone/Internet/electronic health record assessment and management service provided by a consultative physician or other qualified health care professional, including a written report to the patient's treating/requesting physician or other qualified health care professional, 5 minutes or more of medical consultative time



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## Evaluation and Management

- ▲ **99483** Assessment of and care planning for a patient with cognitive impairment, requiring an independent historian, in the office or other outpatient, home or domiciliary or rest home, with all of the following required elements:
  - Cognition-focused evaluation including a pertinent history and examination,
  - Medical decision making of moderate or high complexity,
  - Functional assessment (eg, basic and instrumental activities of daily living), including decision-making capacity,
  - Use of standardized instruments for staging of dementia (eg, functional assessment staging test [FAST], clinical dementia rating [CDR]),
  - Medication reconciliation and review for high-risk medications,



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## Evaluation and Management

- Evaluation for neuropsychiatric and behavioral symptoms, including depression, including use of standardized screening instrument(s),
- Evaluation of safety (eg, home), including motor vehicle operation,
- Identification of caregiver(s), caregiver knowledge, caregiver needs, social supports, and the willingness of caregiver to take on caregiving tasks,
- Development, updating or revision, or review of an Advance Care Plan,
- Creation of a written care plan, including initial plans to address any neuropsychiatric symptoms, neuro-cognitive symptoms, functional limitations, and referral to community resources as needed (eg, rehabilitation services, adult day programs, support groups) shared with the patient and/or caregiver with initial education and support.

Typically, ~~5060~~ minutes of total time is ~~are~~ spent on the date of the encounter. ~~face-to-face with the patient and/or family or caregiver.~~



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## Evaluation and Management

★ ▲ 99495 ~~Transitional Care Management Services~~ with the following required elements:

- Communication (direct contact, telephone, electronic) with the patient and/or caregiver within 2 business days of discharge
- ~~Medical decision making of a~~ At least moderate level of complexity ~~medical decision making during the service period~~
- Face-to-face visit, within 14 calendar days of discharge

★ ▲ 99496 ~~Transitional Care Management Services~~ with the following required elements:

- Communication (direct contact, telephone, electronic) with the patient and/or caregiver within 2 business days of discharge
- ~~Medical decision making of a~~ High level of complexity ~~medical decision making during the service period~~
- Face-to-face visit, within 7 calendar days of discharge



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## Surgery

- **15778** Implantation of absorbable mesh or other prosthesis for delayed closure of defect(s) (ie, external genitalia, perineum, abdominal wall) due to soft tissue infection or trauma
- 15850** Removal of sutures under anesthesia (other than local), same surgeon
- ▲ **15851** Removal of sutures or staples under requiring anesthesia (ie, general anesthesia, moderate sedation) (other than local), other surgeon
- #+● **15853** Removal of sutures **or** staples not requiring anesthesia (List separately in addition to E/M code)
- #+● **15854** Removal of sutures **and** staples not requiring anesthesia (List separately in addition to E/M code)



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## Surgery

- ▲ **22857** Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression); single interspace, lumbar
- ▲ **22630** Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar
- ▲ **22632** Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar; each additional interspace (List separately in addition to code for primary procedure)
- ▲ **22633** Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace; lumbar



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## Surgery

- ▲ **22634** Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace, lumbar; each additional interspace (List separately in addition to code for primary procedure)
  
- + ● **22860** Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression); 1; second interspace, lumbar (List separately in addition to code for primary procedure)
  
- ▲ **27280** Arthrodesis, ~~open~~, sacroiliac joint, open, including ~~includes~~ obtaining bone graft, including instrumentation, when performed



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## Surgery

- **30469** Repair of nasal valve collapse with low energy, temperature-controlled (ie, radiofrequency) subcutaneous/submucosal remodeling
  
- **33900** Percutaneous pulmonary artery revascularization by stent placement, initial; normal native connections, unilateral
  
- **33901** Percutaneous pulmonary artery revascularization by stent placement, initial; normal native connections, bilateral
  
- **33902** Percutaneous pulmonary artery revascularization by stent placement, initial; abnormal connections, unilateral
  
- **33903** Percutaneous pulmonary artery revascularization by stent placement, initial; abnormal connections, bilateral
  
- + ● **33904** Percutaneous pulmonary artery revascularization by stent placement, each additional vessel or separate lesion, normal or abnormal connections (List separately in addition to code for primary procedure)



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## Surgery

- ▲ **35883** Revision, femoral anastomosis of synthetic arterial bypass graft in groin, open; with nonautogenous patch graft (eg, ~~Dacron~~polyester, ePTFE, bovine pericardium)
- #● **36836** Percutaneous arteriovenous fistula creation, upper extremity, single access of both the peripheral artery and peripheral vein, including fistula maturation procedures (eg, transluminal balloon angioplasty, coil embolization) when performed, including all vascular access, imaging guidance and radiologic supervision and interpretation
- #● **36837** Percutaneous arteriovenous fistula creation, upper extremity, separate access sites of the peripheral artery and peripheral vein, including fistula maturation procedures (eg, transluminal balloon angioplasty, coil embolization) when performed, including all vascular access, imaging guidance and radiologic supervision and interpretation



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## Surgery

- #● **43290** with deployment of intragastric bariatric balloon
- #● **43291** with removal of intragastric bariatric balloon(s)
- 49560** ~~Repair initial incisional or ventral hernia; reducible~~
- 49561** ~~Repair initial incisional or ventral hernia; incarcerated or strangulated~~
- 49565** ~~Repair recurrent incisional or ventral hernia; reducible~~
- 49566** ~~Repair recurrent incisional or ventral hernia; incarcerated or strangulated~~
- 49568** ~~Implantation of mesh or other prosthesis for open incisional or ventral hernia repair or mesh for closure of debridement for necrotizing soft tissue infection (List separately in addition to code for the incisional or ventral hernia repair)~~
- 49570** ~~Repair epigastric hernia (eg, preperitoneal fat); reducible (separate procedure)~~



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## Surgery

- 49572** Repair epigastric hernia (eg, preperitoneal fat); incarcerated or strangulated
- 49580** Repair umbilical hernia, younger than age 5 years; reducible
- 49582** Repair epigastric hernia (eg, preperitoneal fat); incarcerated or strangulated
- 49585** Repair umbilical hernia, age 5 years or older; reducible
- 49587** Repair epigastric hernia (eg, preperitoneal fat); incarcerated or strangulated
- 49590** Repair spigelian hernia
- **49591** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), initial, including implantation of mesh or other prosthesis when performed, total length of defect(s); less than 3 cm, reducible



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## Surgery

- **49592** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), initial, including implantation of mesh or other prosthesis when performed, total length of defect(s); less than 3 cm, incarcerated or strangulated
- **49593** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), initial, including implantation of mesh or other prosthesis when performed, total length of defect(s); 3 cm to 10 cm, reducible
- **49594** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), initial, including implantation of mesh or other prosthesis when performed, total length of defect(s); 3 cm to 10 cm, incarcerated or strangulated
- **49595** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), initial, including implantation of mesh or other prosthesis when performed, total length of defect(s); greater than 10 cm, reducible



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## Surgery

- 49596** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), initial, including implantation of mesh or other prosthesis when performed, total length of defect(s); greater than 10 cm, incarcerated or strangulated
  
- 49613** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), recurrent, including implantation of mesh or other prosthesis when performed, total length of defect(s); less than 3 cm, reducible
  
- 49614** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), recurrent, including implantation of mesh or other prosthesis when performed, total length of defect(s); less than 3 cm, incarcerated or strangulated
  
- 49615** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), recurrent, including implantation of mesh or other prosthesis when performed, total length of defect(s); 3 cm to 10 cm, reducible



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## Surgery

- 49616** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), recurrent, including implantation of mesh or other prosthesis when performed, total length of defect(s); 3 cm to 10 cm, incarcerated or strangulated
  
- 49617** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), recurrent, including implantation of mesh or other prosthesis when performed, total length of defect(s); greater than 10 cm, reducible
  
- 49618** Repair of anterior abdominal hernia(s) (ie, epigastric, incisional, ventral, umbilical, spigelian), any approach (ie, open, laparoscopic, robotic), recurrent, including implantation of mesh or other prosthesis when performed, total length of defect(s); greater than 10 cm, incarcerated or strangulated
  
- 49621** Repair of parastomal hernia, any approach (ie, open, laparoscopic, robotic), initial or recurrent, including implantation of mesh or other prosthesis, when performed; reducible



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## Surgery

- #●49622 Repair of parastomal hernia, any approach (ie, open, laparoscopic, robotic), initial or recurrent, including implantation of mesh or other prosthesis, when performed; incarcerated or strangulated
- #+●49623 Removal of total or near total non-infected mesh or other prosthesis at the time of initial or recurrent anterior abdominal hernia repair or parastomal hernia repair, any approach (ie, open, laparoscopic, robotic) (List separately in addition to code for primary procedure)
- 49652 Laparoscopy, surgical, repair, ventral, umbilical, spigelian or epigastric hernia (includes mesh insertion, when performed); reducible
- 49653 Laparoscopy, surgical, repair, ventral, umbilical, spigelian or epigastric hernia (includes mesh insertion, when performed); incarcerated or strangulated
- 49654 Laparoscopy, surgical, repair, incisional hernia (includes mesh insertion, when performed); reducible
- 49655 Laparoscopy, surgical, repair, incisional hernia (includes mesh insertion, when performed); incarcerated or strangulated
- 49656 Laparoscopy, surgical, repair, recurrent incisional hernia (includes mesh insertion, when performed); reducible
- 49657 Laparoscopy, surgical, repair, recurrent incisional hernia (includes mesh insertion, when performed); incarcerated or strangulated



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## Surgery

- ▲50080 Percutaneous ~~nephrolithotomy~~~~nephrostolithotomy~~ or ~~pyelolithotomy~~~~pyelostolithotomy~~, with or without dilation, endoscopy, lithotripsy, stenting, or stone basket extraction, antegrade ureteroscopy, antegrade stent placement and nephrostomy tube placement, when performed, including imaging guidance; simple (eg, stone[s] up to 2 cm in single location of kidney or renal pelvis, nonbranching stones)
- ▲50081 Percutaneous ~~nephrolithotomy~~~~nephrostolithotomy~~ or ~~pyelolithotomy~~~~pyelostolithotomy~~, with or without dilation, endoscopy, lithotripsy, stenting, or stone basket extraction, antegrade ureteroscopy, antegrade stent placement and nephrostomy tube placement, when performed, including imaging guidance; complex (eg, stone[s] > 2 cm, branching stones, stones in multiple locations, ureter stones, complicated anatomy) ~~over 2 cm~~
- 55867 Laparoscopy, surgical prostatectomy, simple subtotal (including control of postoperative bleeding, vasectomy, meatotomy, urethral calibration and/or dilation, and internal urethrotomy), includes robotic assistance, when performed



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## Surgery

- ▲ **63053** Laminectomy, facetectomy, or foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equina and/or nerve root[s] [eg, spinal or lateral recess stenosis]), during posterior interbody arthrodesis, lumbar; each additional vertebral segment (List separately in addition to code for primary procedure)
  
- ▲ **64415** Injection(s), anesthetic agent(s) and/or steroid; brachial plexus, including imaging guidance, when performed
  
- ▲ **64416** Injection(s), anesthetic agent(s) and/or steroid; brachial plexus, continuous infusion by catheter (including catheter placement), including imaging guidance, when performed
  
- ▲ **64417** Injection(s), anesthetic agent(s) and/or steroid; axillary nerve, including imaging guidance, when performed



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## Surgery

- ▲ **64445** Injection(s), anesthetic agent(s) and/or steroid; sciatic nerve, including imaging guidance, when performed
  
- ▲ **64446** Injection(s), anesthetic agent(s) and/or steroid; sciatic nerve, continuous infusion by catheter (including catheter placement), including imaging guidance, when performed
  
- ▲ **64447** Injection(s), anesthetic agent(s) and/or steroid; femoral nerve, including imaging guidance, when performed
  
- ▲ **64448** Injection(s), anesthetic agent(s) and/or steroid; femoral nerve, continuous infusion by catheter (including catheter placement), including imaging guidance, when performed



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## Surgery

- ▲ 66174 Transluminal dilation of aqueous outflow canal (eg, canaloplasty); without retention of device or stent
- ▲ 66175 Transluminal dilation of aqueous outflow canal (eg, canaloplasty); with retention of device or stent
- # ▲ 69716 Implantation, osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, within the mastoid and/or resulting in removal of less than 100 sq mm surface area of bone deep to the outer cranial cortex
- # ● 69729 Implantation, osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, outside of the mastoid and resulting in removal of greater than or equal to 100 sq mm surface area of bone deep to the outer cranial cortex
- # ▲ 69717 ~~Revision or r~~Replacement (including removal of existing device), osseointegrated implant, skull; with percutaneous attachment to external speech processor



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## Surgery

- # ▲ 69719 ~~Revision or r~~Replacement (including removal of existing device), osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, within the mastoid and/or involving a bony defect less than 100 sq mm surface area of bone deep to the outer cranial cortex
- # ● 69730 ~~Revision or r~~Replacement (including removal of existing device), osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, outside the mastoid and involving a bony defect greater than or equal to 100 sq mm surface area of bone deep to the outer cranial cortex
- # ▲ 69726 Removal, entire osseointegrated implant, skull; with percutaneous attachment to external speech processor
- # ▲ 69727 Removal, entire osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, within the mastoid and/or involving a bony defect less than 100 sq mm surface area of bone deep to the outer cranial cortex
- # ● 69728 Removal, entire osseointegrated implant, skull; with magnetic transcutaneous attachment to external speech processor, outside the mastoid and involving a bony defect greater than or equal to 100 sq mm surface area of bone deep to the outer cranial cortex



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## Radiology

- ▲76882      Ultrasound, limited, joint or focal evaluation of other nonvascular extremity structure(s) (eg, joint space, peri-articular tendon[s], muscle[s], nerve[s], other soft-tissue structure[s], or soft-tissue mass[es]), real-time with image documentation
  
- 76883      Ultrasound, nerve(s) and accompanying structures throughout their entire anatomic course in one extremity, comprehensive, including real-time cine imaging with image documentation, per extremity
  
- ▲78803      Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT), single area (eg, head, neck, chest, pelvis) or acquisition, single day imaging
  
- #▲78830      Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, single area (eg, head, neck, chest, pelvis) or acquisition, single day imaging



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## Radiology

- #▲78831      Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT), minimum 2 areas (eg, pelvis and knees, ~~chest and abdomen and pelvis~~) or separate acquisitions (eg, lung ventilation and perfusion), single day imaging, or single area or acquisition ~~imaging~~ over 2 or more days
  
- #▲78832      Radiopharmaceutical localization of tumor, inflammatory process or distribution of radiopharmaceutical agent(s) (includes vascular flow and blood pool imaging, when performed); tomographic (SPECT) with concurrently acquired computed tomography (CT) transmission scan for anatomical review, localization and determination/detection of pathology, minimum 2 areas (eg, pelvis and knees, ~~chest and abdomen and pelvis~~) or separate acquisitions (eg, lung ventilation and perfusion), single day imaging, or single area or acquisition ~~imaging~~ over 2 or more days



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## Pathology and Laboratory

- #●81418 Drug metabolism (eg, pharmacogenomics) genomic sequence analysis panel, must include testing of at least 6 genes, including *CYP2C19*, *CYP2D6*, and *CYP2D6* duplication/deletion analysis
- #●81441 Inherited bone marrow failure syndromes (IBMFS) (eg, Fanconi anemia, dyskeratosis congenita, Diamond-Blackfan anemia, Shwachman-Diamond syndrome, GATA2 deficiency syndrome, congenital amegakaryocytic thrombocytopenia) sequence analysis panel, must include sequencing of at least 30 genes, including *BRCA2*, *BRIP1*, *DKC1*, *FANCA*, *FANCB*, *FANCC*, *FANCD2*, *FANCE*, *FANCF*, *FANCG*, *FANCI*, *FANCL*, *GATA1*, *GATA2*, *MPL*, *NHP2*, *NOP10*, *PALB2*, *RAD51C*, *RPL11*, *RPL35A*, *RPL5*, *RPS10*, *RPS19*, *RPS24*, *RPS26*, *RPS7*, *SBDS*, *TERT*, and *TINF2*
- ▲81445 Targeted genomic sequence analysis panel, solid organ neoplasm, ~~DNA analysis, and RNA analysis when performed~~, 5-50 genes (eg, *ALK*, *BRAF*, *CDKN2A*, *EGFR*, *ERBB2*, *KIT*, *KRAS*, *MET*, *NRAS*, *MET*, *PDGFRA*, *PDGFRB*, *PGR*, *PIK3CA*, *PTEN*, *RET*), interrogation for sequence variants and copy number variants or rearrangements, if performed; DNA analysis or combined DNA and RNA analysis



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## Pathology and Laboratory

- 81449 Targeted genomic sequence analysis panel, solid organ neoplasm, ~~DNA analysis, and RNA analysis when performed~~, 5-50 genes (eg, *ALK*, *BRAF*, *CDKN2A*, *EGFR*, *ERBB2*, *KIT*, *KRAS*, *MET*, *NRAS*, *MET*, *PDGFRA*, *PDGFRB*, *PGR*, *PIK3CA*, *PTEN*, *RET*), interrogation for sequence variants and copy number variants or rearrangements, if performed; RNA analysis
- ▲81450 Targeted genomic sequence analysis panel, hematolymphoid neoplasm or disorder, ~~DNA analysis, and RNA analysis when performed~~, 5-50 genes (eg, *BRAF*, *CEBPA*, *DNMT3A*, *EZH2*, *FLT3*, *IDH1*, *IDH2*, *JAK2*, *KIT*, *KRAS*, *KIT*, *MLL*, *NRAS*, *NPM1*, *NOTCH1*, *NPM1*, *NRAS*), interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; DNA analysis or combined DNA and RNA analysis
- 81451 Targeted genomic sequence analysis panel, hematolymphoid neoplasm or disorder, ~~DNA analysis, and RNA analysis when performed~~, 5-50 genes (eg, *BRAF*, *CEBPA*, *DNMT3A*, *EZH2*, *FLT3*, *IDH1*, *IDH2*, *JAK2*, *KIT*, *KRAS*, *KIT*, *MLL*, *NRAS*, *NPM1*, *NOTCH1*, *NPM1*, *NRAS*), interrogation for sequence variants, and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis



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## Pathology and Laboratory

- ▲81455 Targeted genomic sequence analysis panel, solid organ or hematolymphoid neoplasm or disorder, ~~DNA analysis, and RNA analysis when performed~~, 51 or greater genes (eg, *ALK*, *BRAF*, *CDKN2A*, *CEBPA*, *DNMT3A*, *EGFR*, *ERBB2*, *EZH2*, *FLT3*, *IDH1*, *IDH2*, *JAK2*, *KIT*, *KRAS*, *MET*, *MLL*, *NOTCH1*, *NPM1*, *NRAS*, ~~*MET*, *NOTCH1*~~, *PDGFRA*, *PDGFRB*, *PGR*, *PIK3CA*, *PTEN*, *RET*), interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; DNA analysis or combined DNA and RNA analysis
- 81456 Targeted genomic sequence analysis panel, solid organ or hematolymphoid neoplasm or disorder, ~~DNA analysis, and RNA analysis when performed~~, 51 or greater genes (eg, *ALK*, *BRAF*, *CDKN2A*, *CEBPA*, *DNMT3A*, *EGFR*, *ERBB2*, *EZH2*, *FLT3*, *IDH1*, *IDH2*, *JAK2*, *KIT*, *KRAS*, *MET*, *MLL*, *NOTCH1*, *NPM1*, *NRAS*, ~~*MET*, *NOTCH1*~~, *PDGFRA*, *PDGFRB*, *PGR*, *PIK3CA*, *PTEN*, *RET*), interrogation for sequence variants and copy number variants or rearrangements, or isoform expression or mRNA expression levels, if performed; RNA analysis
- #●84433 Thiopurine S-methyltransferase (TPMT)
- 87467 Hepatitis B surface antigen (HBsAg), quantitative



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## Pathology and Laboratory

- 87468 Infectious agent detection by nucleic acid (DNA or RNA); *Anaplasma phagocytophilum*, amplified probe technique
- 87469 Infectious agent detection by nucleic acid (DNA or RNA); *Babesia microti*, amplified probe technique
- 87478 Infectious agent detection by nucleic acid (DNA or RNA); *Borrelia miyamotoi*, amplified probe technique
- #●87484 Infectious agent detection by nucleic acid (DNA or RNA); *Ehrlichia chaffeensis*, amplified probe technique
- 87593 Infectious agent detection by nucleic acid (DNA or RNA); orthopoxvirus (eg, monkeypox virus, cowpox virus, vaccinia virus), amplified probe technique, each
- #●87913 Infectious agent detection by nucleic acid (DNA or RNA); severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]), mutation identification in targeted region(s)



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## Pathology and Laboratory

- **87468** Infectious agent detection by nucleic acid (DNA or RNA); *Anaplasma phagocytophilum*, amplified probe technique
- **87469** Infectious agent detection by nucleic acid (DNA or RNA); *Babesia microti*, amplified probe technique
- **87478** Infectious agent detection by nucleic acid (DNA or RNA); *Borrelia miyamotoi*, amplified probe technique
- # ● **87484** Infectious agent detection by nucleic acid (DNA or RNA); *Ehrlichia chaffeensis*, amplified probe technique
- # ● **87913** Infectious agent detection by nucleic acid (DNA or RNA); severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]), mutation identification in targeted region(s)



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## Pathology and Laboratory

- 0012U** Germline disorders, gene rearrangement detection by whole genome next-generation sequencing, DNA, whole blood, report of specific gene rearrangement(s)
- 0013U** Oncology (solid organ neoplasia), gene rearrangement detection by whole genome next-generation sequencing, DNA, fresh or frozen tissue or cells, report of specific gene rearrangement(s)
- 0014U** Hematology (hematolymphoid neoplasia), gene rearrangement detection by whole genome next-generation sequencing, DNA, whole blood or bone marrow, report of specific gene rearrangement(s)
- ▲ **0022U** Targeted genomic sequence analysis panel, cholangiocarcinoma and non-small cell lung neoplasia, DNA and RNA analysis, 1-23 genes, interrogation for sequence variants and rearrangements, reported as presence/absence of variants and associated therapy(ies) to consider
- 0056U** Hematology (acute myelogenous leukemia), DNA, whole genome next-generation sequencing to detect gene rearrangement(s), blood or bone marrow, report of specific gene rearrangement(s)



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## Pathology and Laboratory

- ▲ **0090U** Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 23 genes (14 content and 9 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, ~~intermediate~~~~indeterminate~~, malignant)
- 0097U** Gastrointestinal pathogen, multiplex reverse transcription and multiplex amplified probe technique, multiple types or subtypes, 22 targets (Campylobacter [*C. jejuni*/*C. coli*/*C. upsaliensis*], Clostridium difficile [*C. difficile*] toxin A/B, Plesiomonas shigelloides, Salmonella, Vibrio [*V. parahaemolyticus*/*V. vulnificus*/*V. cholerae*], including specific identification of Vibrio cholerae, Yersinia enterocolitica, Enterococci, Enteropathogenic Escherichia coli [EPEC], Enterotoxigenic Escherichia coli [ETEC] lt/st, Shiga-like toxin-producing Escherichia coli [STEC] stx1/stx2 [including specific identification of the E. coli O157 serogroup within STEC], Shigella/Enteroinvasive Escherichia coli [EIEC], Cryptosporidium, Cyclospora cayentanensis, Entamoeba histolytica, Giardia lamblia [also known as G. intestinalis and G. duodenalis], adenovirus F 40/41, astrovirus, norovirus GI/GII, rotavirus A, sapovirus [Genogroups I, II, IV, and V])
- 0151U** Infectious disease (bacterial or viral respiratory tract infection), pathogen-specific nucleic acid (DNA or RNA), 33 targets, real-time semi-quantitative PCR, bronchoalveolar lavage, sputum, or endotracheal aspirate, detection of 33 organismal and antibiotic resistance genes with limited semi-quantitative results



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## Pathology and Laboratory

- 0208U** Oncology (medullary thyroid carcinoma), mRNA, gene expression analysis of 108 genes, utilizing fine needle aspirate, algorithm reported as positive or negative for medullary thyroid carcinoma
- ▲ **0229U** *BCAT1* (Branched chain amino acid transaminase 1) ~~or and~~ *IKZF1* (IKAROS family zinc finger 1) (eg, colorectal cancer) promoter methylation analysis
- ▲ **0273U** Hematology (genetic hyperfibrinolysis, delayed bleeding), Genomic Sequence Analysis Of 8 Genes (F13A1, F13B, Fga, Fgb, Fgg, Serpina1, Serpine1, Serpinf2, Plau), Blood, Buccal Swab, Or Amniotic Fluid analysis of 9 genes (F13A1, F13B, FGA, FGB, FGG, SERPINA1, SERPINE1, SERPINF2 by next-generation sequencing, and PLAU by array comparative genomic hybridization), blood, buccal swab, or amniotic fluid
- ▲ **0276U** Hematology (inherited thrombocytopenia), genomic sequence analysis of ~~2342~~ genes, blood, buccal swab, or amniotic fluid
- **0285U** Oncology, response to radiation, cell-free DNA, quantitative branched chain DNA amplification, plasma, reported as a radiation toxicity score
- **0286U** *CEP72* (centrosomal protein, 72-KDa), *NUDT15* (nudix hydrolase 15) and *TPMT* (thiopurine S-methyltransferase) (eg, drug metabolism) gene analysis, common variants



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## Pathology and Laboratory

- **0287U** Oncology (thyroid), DNA and mRNA, next-generation sequencing analysis of 112 genes, fine needle aspirate or formalin-fixed paraffin-embedded (FFPE) tissue, algorithmic prediction of cancer recurrence, reported as a categorical risk result (low, intermediate, high)
- **0288U** Oncology (lung), mRNA, quantitative PCR analysis of 11 genes (*BAG1*, *BRCA1*, *CDC6*, *CDK2AP1*, *ERBB3*, *FUT3*, *IL11*, *LCK*, *RND3*, *SH3BGR*, *WNT3A*) and 3 reference genes (*ESD*, *TBP*, *YAP1*), formalin-fixed paraffin-embedded (FFPE) tumor tissue, algorithmic interpretation reported as a recurrence risk score
- **0289U** Neurology (Alzheimer disease), mRNA, gene expression profiling by RNA sequencing of 24 genes, whole blood, algorithm reported as predictive risk score
- **0290U** Pain management, mRNA, gene expression profiling by RNA sequencing of 36 genes, whole blood, algorithm reported as predictive risk score
- **0291U** Psychiatry (mood disorders), mRNA, gene expression profiling by RNA sequencing of 144 genes, whole blood, algorithm reported as predictive risk score
- **0292U** Psychiatry (stress disorders), mRNA, gene expression profiling by RNA sequencing of 72 genes, whole blood, algorithm reported as predictive risk score



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## Pathology and Laboratory

- **0293U** Psychiatry (suicidal ideation), mRNA, gene expression profiling by RNA sequencing of 54 genes, whole blood, algorithm reported as predictive risk score
- **0294U** Longevity and mortality risk, mRNA, gene expression profiling by RNA sequencing of 18 genes, whole blood, algorithm reported as predictive risk score
- **0295U** Oncology (breast ductal carcinoma in situ), protein expression profiling by immunohistochemistry of 7 proteins (COX2, FOXA1, HER2, Ki-67, p16, PR, SIAH2), with 4 clinicopathologic factors (size, age, margin status, palpability), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a recurrence risk score
- **0296U** Oncology (oral and/or oropharyngeal cancer), gene expression profiling by RNA sequencing of at least 20 molecular features (eg, human and/or microbial mRNA), saliva, algorithm reported as positive or negative for signature associated with malignancy



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## Pathology and Laboratory

- **0297U** Oncology (pan tumor), whole genome sequencing of paired malignant and normal DNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and variant identification
- **0298U** Oncology (pan tumor), whole transcriptome sequencing of paired malignant and normal RNA specimens, fresh or formalin-fixed paraffin-embedded (FFPE) tissue, blood or bone marrow, comparative sequence analyses and expression level and chimeric transcript identification
- **0299U** Oncology (pan tumor), whole genome optical genome mapping of paired malignant and normal DNA specimens, fresh frozen tissue, blood, or bone marrow, comparative structural variant identification
- **0300U** Oncology (pan tumor), whole genome sequencing and optical genome mapping of paired malignant and normal DNA specimens, fresh tissue, blood, or bone marrow, comparative sequence analyses and variant identification
- **0301U** Infectious agent detection by nucleic acid (DNA or RNA), *Bartonella henselae* and *Bartonella quintana*, droplet digital PCR (ddPCR);



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## Pathology and Laboratory

- **0302U** Infectious agent detection by nucleic acid (DNA or RNA), *Bartonella henselae* and *Bartonella quintana*, droplet digital PCR (ddPCR); following liquid enrichment
- **0303U** Hematology, red blood cell (RBC) adhesion to endothelial/subendothelial adhesion molecules, functional assessment, whole blood, with algorithmic analysis and result reported as an RBC adhesion index; hypoxic
- **0304U** Hematology, red blood cell (RBC) adhesion to endothelial/subendothelial adhesion molecules, functional assessment, whole blood, with algorithmic analysis and result reported as an RBC adhesion index; normoxic
- **0305U** Hematology, red blood cell (RBC) functionality and deformity as a function of shear stress, whole blood, reported as a maximum elongation index
- **0306U** Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis, cell-free DNA, initial (baseline) assessment to determine a patient-specific panel for future comparisons to evaluate for MRD
- **0307U** Oncology (minimal residual disease [MRD]), next-generation targeted sequencing analysis of a patient-specific panel, cell-free DNA, subsequent assessment with comparison to previously analyzed patient specimens to evaluate for MRD



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- **0308U** Cardiology (coronary artery disease [CAD]), analysis of 3 proteins (high sensitivity [hs] troponin, adiponectin, and kidney injury molecule-1 [KIM-1]), plasma, algorithm reported as a risk score for obstructive CAD
- **0309U** Cardiology (cardiovascular disease), analysis of 4 proteins (NT-proBNP, osteopontin, tissue inhibitor of metalloproteinase-1 [TIMP-1], and kidney injury molecule-1 [KIM-1]), plasma, algorithm reported as a risk score for major adverse cardiac event
- **0310U** Pediatrics (vasculitis, Kawasaki disease [KD]), analysis of 3 biomarkers (NTproBNP, C-reactive protein, and T-uptake), plasma, algorithm reported as a risk score for KD
- **0311U** Infectious disease (bacterial), quantitative antimicrobial susceptibility reported as phenotypic minimum inhibitory concentration (MIC)–based antimicrobial susceptibility for each organism identified
- **0312U** Autoimmune diseases (eg, systemic lupus erythematosus [SLE]), analysis of 8 IgG autoantibodies and 2 cell-bound complement activation products using enzyme-linked immunosorbent immunoassay (ELISA), flow cytometry and indirect immunofluorescence, serum, or plasma and whole blood, individual components reported along with an algorithmic SLE-likelihood assessment



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- **0313U** Oncology (pancreas), DNA and mRNA next-generation sequencing analysis of 74 genes and analysis of CEA (CEACAM5) gene expression, pancreatic cyst fluid, algorithm reported as a categorical result (ie, negative, low probability of neoplasia or positive, high probability of neoplasia)
- **0314U** Oncology (cutaneous melanoma), mRNA gene expression profiling by RT-PCR of 35 genes (32 content and 3 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical result (ie, benign, intermediate, malignant)
- **0315U** Oncology (cutaneous squamous cell carcinoma), mRNA gene expression profiling by RT-PCR of 40 genes (34 content and 6 housekeeping), utilizing formalin-fixed paraffin-embedded (FFPE) tissue, algorithm reported as a categorical risk result (ie, Class 1, Class 2A, Class 2B)
- **0316U** Borrelia burgdorferi (Lyme disease), OspA protein evaluation, urine
- **0317U** Oncology (lung cancer), four-probe FISH (3q29, 3p22.1, 10q22.3, 10cen) assay, whole blood, predictive algorithm-generated evaluation reported as decreased or increased risk for lung cancer



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## Pathology and Laboratory

- **0318U** Pediatrics (congenital epigenetic disorders), whole genome methylation analysis by microarray for 50 or more genes, blood
- **0319U** Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using pretransplant peripheral blood, algorithm reported as a risk score for early acute rejection
- **0320U** Nephrology (renal transplant), RNA expression by select transcriptome sequencing, using posttransplant peripheral blood, algorithm reported as a risk score for acute cellular rejection
- **0321U** Infectious agent detection by nucleic acid (DNA or RNA), genitourinary pathogens, identification of 20 bacterial and fungal organisms and identification of 16 associated antibiotic-resistance genes, multiplex amplified probe technique
- **0322U** Neurology (autism spectrum disorder [ASD]), quantitative measurements of 14 acyl carnitines and microbiome-derived metabolites, liquid chromatography with tandem mass spectrometry (LC-MS/MS), plasma, results reported as negative or positive for risk of metabolic subtypes associated with ASD



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## Pathology and Laboratory

- **0323U** Infectious agent detection by nucleic acid (DNA and RNA), central nervous system pathogen, metagenomic next-generation sequencing, cerebrospinal fluid (CSF), identification of pathogenic bacteria, viruses, parasites, or fungi
- **0324U** Oncology (ovarian), spheroid cell culture, 4-drug panel (carboplatin, doxorubicin, gemcitabine, paclitaxel), tumor chemotherapy response prediction for each drug
- **0325U** Oncology (ovarian), spheroid cell culture, poly (ADP-ribose) polymerase (PARP) inhibitors (niraparib, olaparib, rucaparib, velparib), tumor response prediction for each drug
- **0326U** Targeted genomic sequence analysis panel, solid organ neoplasm, cell-free circulating DNA analysis of 83 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden
- **0327U** Fetal aneuploidy (trisomy 13, 18, and 21), DNA sequence analysis of selected regions using maternal plasma, algorithm reported as a risk score for each trisomy, includes sex reporting, if performed



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- **0328U** Drug assay, definitive, 120 or more drugs and metabolites, urine, quantitative liquid chromatography with tandem mass spectrometry (LC-MS/MS), includes specimen validity and algorithmic analysis describing drug or metabolite and presence or absence of risks for a significant patient-adverse event, per date of service
- **0329U** Oncology (neoplasia), exome and transcriptome sequence analysis for sequence variants, gene copy number amplifications and deletions, gene rearrangements, microsatellite instability and tumor mutational burden utilizing DNA and RNA from tumor with DNA from normal blood or saliva for subtraction, report of clinically significant mutation(s) with therapy associations
- **0330U** Infectious agent detection by nucleic acid (DNA or RNA), vaginal pathogen panel, identification of 27 organisms, amplified probe technique, vaginal swab
- **0331U** Oncology (hematolymphoid neoplasia), optical genome mapping for copy number alterations and gene rearrangements utilizing DNA from blood or bone marrow, report of clinically significant alterations
- **0332U** Oncology (pan-tumor), genetic profiling of 8 DNA-regulatory (epigenetic) markers by quantitative polymerase chain reaction (qPCR), whole blood, reported as a high or low probability of responding to immune checkpoint-inhibitor therapy



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## Pathology and Laboratory

- **0333U** Oncology (liver), surveillance for hepatocellular carcinoma (HCC) in high-risk patients, analysis of methylation patterns on circulating cell-free DNA (cfDNA) plus measurement of serum of AFP/AFP-L3 and oncoprotein des-gamma-carboxy-prothrombin (DCP), algorithm reported as normal or abnormal result
- **0334U** Oncology (solid organ), targeted genomic sequence analysis, formalin-fixed paraffin-embedded (FFPE) tumor tissue, DNA analysis, 84 or more genes, interrogation for sequence variants, gene copy number amplifications, gene rearrangements, microsatellite instability and tumor mutational burden
- **0335U** Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, fetal sample, identification and categorization of genetic variants
- **0336U** Rare diseases (constitutional/heritable disorders), whole genome sequence analysis, including small sequence changes, copy number variants, deletions, duplications, mobile element insertions, uniparental disomy (UPD), inversions, aneuploidy, mitochondrial genome sequence analysis with heteroplasmy and large deletions, short tandem repeat (STR) gene expansions, blood or saliva, identification and categorization of genetic variants, each comparator genome (eg, parent)



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## Pathology and Laboratory

- **0337U** Oncology (plasma cell disorders and myeloma), circulating plasma cell immunologic selection, identification, morphological characterization, and enumeration of plasma cells based on differential CD138, CD38, CD19, and CD45 protein biomarker expression, peripheral blood
- **0338U** Oncology (solid tumor), circulating tumor cell selection, identification, morphological characterization, detection and enumeration based on differential EpCAM, cytokeratins 8, 18, and 19, and CD45 protein biomarkers, and quantification of HER2 protein biomarker-expressing cells, peripheral blood
- **0339U** Oncology (prostate), mRNA expression profiling of *HOXC6* and *DLX1*, reverse transcription polymerase chain reaction (RT-PCR), first-void urine following digital rectal examination, algorithm reported as probability of high-grade cancer
- **0340U** Oncology (pan-cancer), analysis of minimal residual disease (MRD) from plasma, with assays personalized to each patient based on prior next-generation sequencing of the patient's tumor and germline DNA, reported as absence or presence of MRD, with disease-burden correlation, if appropriate
- **0341U** Fetal aneuploidy DNA sequencing comparative analysis, fetal DNA from products of conception, reported as normal (euploidy), monosomy, trisomy, or partial deletion/duplication, mosaicism, and segmental aneuploid



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## Pathology and Laboratory

- **0342U** Oncology (pancreatic cancer), multiplex immunoassay of C5, C4, cystatin C, factor B, osteoprotegerin (OPG), gelsolin, IGFBP3, CA125 and multiplex electrochemiluminescent immunoassay (ECLIA) for CA19-9, serum, diagnostic algorithm reported qualitatively as positive, negative, or borderline
- **0343U** Oncology (prostate), exosome-based analysis of 442 small noncoding RNAs (sncRNAs) by quantitative reverse transcription polymerase chain reaction (RT-qPCR), urine, reported as molecular evidence of no-, low-, intermediate- or high-risk of prostate cancer
- **0344U** Hepatology (nonalcoholic fatty liver disease [NAFLD]), semiquantitative evaluation of 28 lipid markers by liquid chromatography with tandem mass spectrometry (LC-MS/MS), serum, reported as at-risk for nonalcoholic steatohepatitis (NASH) or not NASH
- **0345U** Psychiatry (eg, depression, anxiety, attention deficit hyperactivity disorder [ADHD]), genomic analysis panel, variant analysis of 15 genes, including deletion/duplication analysis of *CYP2D6*
- **0346U** Beta amyloid, Aβ40 and Aβ42 by liquid chromatography with tandem mass spectrometry (LC-MS/MS), ratio, plasma
- **0347U** Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 16 gene report, with variant analysis and reported phenotypes



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- **0348U** Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 25 gene report, with variant analysis and reported phenotypes
- **0349U** Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis, including reported phenotypes and impacted gene-drug interactions
- **0350U** Drug metabolism or processing (multiple conditions), whole blood or buccal specimen, DNA analysis, 27 gene report, with variant analysis and reported phenotypes
- **0351U** Infectious disease (bacterial or viral), biochemical assays, tumor necrosis factor-related apoptosis-inducing ligand (TRAIL), interferon gamma-induced protein-10 (IP-10), and C-reactive protein, serum, algorithm reported as likelihood of bacterial infection
- **0352U** Infectious disease (bacterial vaginosis and vaginitis), multiplex amplified probe technique, for detection of bacterial vaginosis-associated bacteria (BVAB-2, Atopobium vaginae, and Megasphaera type 1), algorithm reported as detected or not detected and separate detection of Candida species (*C. albicans*, *C. tropicalis*, *C. parapsilosis*, *C. dubliniensis*), *Candida glabrata*/*Candida krusei*, and *trichomonas vaginalis*, vaginal-fluid specimen, each result reported as detected or not detected



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- **0353U** Infectious agent detection by nucleic acid (DNA), *Chlamydia trachomatis* and *Neisseria gonorrhoeae*, multiplex amplified probe technique, urine, vaginal, pharyngeal, or rectal, each pathogen reported as detected or not detected
- **0354U** Human papilloma virus (HPV), high-risk types (ie, 16, 18, 31, 33, 45, 52 and 58) qualitative mRNA expression of E6/E7 by quantitative polymerase chain reaction (qPCR)
- **0355U** APOL1 (apolipoprotein L1) (eg, chronic kidney disease), risk variants (G1, G2)
- **0356U** Oncology (oropharyngeal), evaluation of 17 DNA biomarkers using droplet digital PCR (ddPCR), cell-free DNA, algorithm reported as a prognostic risk score for cancer recurrence
- **0357U** Oncology (melanoma), artificial intelligence (AI)-enabled quantitative mass spectrometry analysis of 142 unique pairs of glycopeptide and product fragments, plasma, prognostic, and predictive algorithm reported as likely, unlikely, or uncertain benefit from immunotherapy agents



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- **0358U** Neurology (mild cognitive impairment), analysis of  $\beta$ -amyloid 1-42 and 1-40, chemiluminescence enzyme immunoassay, cerebral spinal fluid, reported as positive, likely positive, or negative
- **0359U** Oncology (prostate cancer), analysis of all prostate-specific antigen (PSA) structural isoforms by phase separation and immunoassay, plasma, algorithm reports risk of cancer
- **0360U** Oncology (lung), enzyme-linked immunosorbent assay (ELISA) of 7 autoantibodies (p53, NY-ESO-1, CAGE, GBU4-5, SOX2, MAGE A4, and HuD), plasma, algorithm reported as a categorical result for risk of malignancy
- **0361U** Neurofilament light chain, digital immunoassay, plasma, quantitative
- **0362U** Oncology (papillary thyroid cancer), gene-expression profiling via targeted hybrid capture–enrichment RNA sequencing of 82 content genes and 10 housekeeping genes, formalin-fixed paraffin embedded (FFPE) tissue, algorithm reported as one of three molecular subtypes
- **0363U** Oncology (urothelial), mRNA, gene-expression profiling by real-time quantitative PCR of 5 genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm incorporates age, sex, smoking history, and macrohematuria frequency, reported as a risk score for having urothelial carcinoma



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- **0003A** Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, diluent reconstituted; third dose
- **0004A** Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, diluent reconstituted; booster dose
- #● **0051A** Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; first dose
- #● **0052A** Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; second dose
- #● **0053A** Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; third dose
- #● **0054A** Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation; booster dose



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- #●0071A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; first dose
- #●0072A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; second dose
- #●0073A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; third dose
- #●0074A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; booster dose
- #●0081A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; first dose



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- #●0082A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; second dose
- #●0083A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation; third dose
- 0013A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 100 mcg/0.5 mL dosage; third dose
- 0044A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, recombinant spike protein nanoparticle, saponin-based adjuvant, preservative free, 5 mcg/0.5 mL dosage; booster dose
- #●0064A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.25 mL dosage, booster dose



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- #●0091A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; first dose, when administered to individuals 6 through 11 years
- #●0092A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; second dose, when administered to individuals 6 through 11 years
- #●0093A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage; third dose, when administered to individuals 6 through 11 years
- #▲0094A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage, booster dose



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- ▲0031A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, DNA, spike protein, adenovirus type 26 (Ad26) vector, preservative free,  $5 \times 10^{10}$  viral particles/0.5 mL dosage; single dose
- 0034A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, DNA, spike protein, adenovirus type 26 (Ad26) vector, preservative free,  $5 \times 10^{10}$  viral particles/0.5 mL dosage; booster dose
- 0104A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, monovalent, preservative free, 5 mcg/0.5 mL dosage, adjuvant AS03 emulsion, booster dose
- 0111A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 25 mcg/0.25 mL dosage; first dose
- 0112A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 25 mcg/0.25 mL dosage; second dose



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- 0113A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 25 mcg/0.25 mL dosage; third dose
- #●0124A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, bivalent spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation, booster dose
- #●0154A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, bivalent spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation, booster dose
- #●0134A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, bivalent spike protein, preservative free, 50 mcg/0.5 mL dosage, booster dose
- #●0144A Immunization administration by intramuscular injection of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, bivalent spike protein, preservative free, 25 mcg/0.25 mL dosage, booster dose



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- #●91305 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation, for intramuscular use
- #●91307 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation, for intramuscular use
- #●91308 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 3 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation, for intramuscular use
- #●91306 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.25 mL dosage, for intramuscular use
- #●91311 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 25 mcg/0.25 mL dosage, for intramuscular use



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- #●91309      Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, preservative free, 50 mcg/0.5 mL dosage, for intramuscular use
  
- #⚡●91310      Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, monovalent, preservative free, 5 mcg/0.5 mL dosage, adjuvant AS03 emulsion, for intramuscular use
  
- #⚡●90584      Dengue vaccine, quadrivalent, live, 2 dose schedule, for subcutaneous use
  
- #●90611      Smallpox and monkeypox vaccine, attenuated vaccinia virus, live, non-replicating, preservative free, 0.5 mL dosage, suspension, for subcutaneous use



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- #●90622      Vaccinia (smallpox) virus vaccine, live, lyophilized, 0.3 mL dosage, for percutaneous use
  
- ⚡●90678      Respiratory syncytial virus vaccine, preF, subunit, bivalent, for intramuscular use
  
- ▲90739      Hepatitis B vaccine (HepB), CpG-adjuvanted, adult dosage, 2 dose or 4 dose schedule, for intramuscular use
  
- ▲92065      Orthoptic training; performed by a physician or other qualified health care professional
  
- 92066      Orthoptic training; under supervision of a physician or other qualified health care professional



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## Medicine

- #●91312 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, bivalent spike protein, preservative free, 30 mcg/0.3 mL dosage, tris-sucrose formulation, for intramuscular use
- #⚡●91315 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, bivalent spike protein, preservative free, 10 mcg/0.2 mL dosage, diluent reconstituted, tris-sucrose formulation, for intramuscular use
- #⚡●91314 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, bivalent, preservative free, 25 mcg/0.25 mL dosage, for intramuscular use
- #●91313 Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) (coronavirus disease [COVID-19]) vaccine, mRNA-LNP, spike protein, bivalent, preservative free, 50 mcg/0.5 mL dosage, for intramuscular use



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## Medicine

- ▲92229 Orthoptic training; point-of-care ~~autonomous~~ automated analysis and report, unilateral or bilateral
- ▲92284 Diagnostic Dark adaptation examination with interpretation and report
- +▲93568 Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for nonselective pulmonary arterial angiography (List separately in addition to code for primary procedure)
- +●93569 Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective pulmonary arterial angiography, unilateral (List separately in addition to code for primary procedure)
- #+●93573 Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective pulmonary arterial angiography, bilateral (List separately in addition to code for primary procedure)
- #+●93574 Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective pulmonary venous angiography of each distinct pulmonary vein during cardiac catheterization (List separately in addition to code for primary procedure)



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## Medicine

- #+●93575 Injection procedure during cardiac catheterization including imaging supervision, interpretation, and report; for selective pulmonary angiography of major aortopulmonary collateral arteries (MAPCAs) arising off the aorta or its systemic branches, during cardiac catheterization for congenital heart defects, each distinct vessel (List separately in addition to code for primary procedure)
- 95919 Quantitative pupillometry with physician or other qualified health care professional interpretation and report, unilateral or bilateral
- 96202 Multiple-family group behavior management/modification training for parent(s)/guardian(s)/caregiver(s) of patients with a mental or physical health diagnosis, administered by physician or other qualified health care professional (without the patient present), face-to-face with multiple sets of parent(s)/guardian(s)/caregiver(s); initial 60 minutes
- +●96203 Multiple-family group behavior management/modification training for parent(s)/guardian(s)/caregiver(s) of patients with a mental or physical health diagnosis, administered by physician or other qualified health care professional (without the patient present), face-to-face with multiple sets of parent(s)/guardian(s)/caregiver(s); each additional 15 minutes (List separately in addition to code for primary service)



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## Medicine

- ▲98975 Remote therapeutic monitoring (eg, ~~respiratory system status, musculoskeletal system status,~~ therapy adherence, therapy response); initial set-up and patient education on use of equipment
- ▲98976 device(s) supply with scheduled (eg, daily) recording(s) and/or programmed alert(s) transmission to monitor respiratory system, each 30 days
- ▲98977 device(s) supply with scheduled (eg, daily) recording(s) and/or programmed alert(s) transmission to monitor musculoskeletal system, each 30 days
- 98978 device(s) supply with scheduled (eg, daily) recording(s) and/or programmed alert(s) transmission to monitor cognitive behavioral therapy, each 30 days



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## Category III Codes

Deleted Category III Code	Crosswalk to Report
0613T	22857, 22860
0312T – 0317T	64999
0470T – 0475T	96999
0476T – 0478T	93799
0487T	58999
0491T – 0492T	17999
0493T	93998
0497T – 0498T	93799
0499T	53899
0514T	
0702T – 0703T	98978



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## Category III Codes

- 0163T** Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), each additional interspace, lumbar (List separately in addition to code for primary procedure)
- 0312T** Vagus nerve blocking therapy (morbid obesity); laparoscopic implantation of neurostimulator electrode array, anterior and posterior vagal trunks adjacent to esophagogastric junction (EGJ), with implantation of pulse—includes programming
- 0313T** Vagus nerve blocking therapy (morbid obesity); laparoscopic revision or replacement of vagal trunk neurostimulator electrode array, including connection to existing pulse generator
- 0314T** Vagus nerve blocking therapy (morbid obesity); laparoscopic removal of vagal trunk neurostimulator electrode array and pulse generator
- 0315T** Vagus nerve blocking therapy (morbid obesity); removal of pulse generator
- 0316T** Vagus nerve blocking therapy (morbid obesity); replacement of pulse generator



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## Category III Codes

- 0317T** ~~Vagus nerve blocking therapy (morbid obesity); neurostimulator pulse generator electronic analysis, includes reprogramming when performed~~
- ▲0402T** Collagen cross-linking of cornea, including removal of the corneal epithelium, when performed, and intraoperative pachymetry, when performed ~~(Report medication separately)~~
- #●0714T** Transperineal laser ablation of benign prostatic hyperplasia, including imaging guidance
- 0470T** ~~Optical coherence tomography (OCT) for microstructural and morphological imaging of skin, image acquisition, interpretation, and report; first lesion~~
- 0471T** ~~Optical coherence tomography (OCT) for microstructural and morphological imaging of skin, image acquisition, interpretation, and report; each additional lesion (List separately in addition to code for primary procedure)~~
- 0475T** ~~Recording of fetal magnetic cardiac signal using at least 3 channels; patient recording and storage, data scanning with signal extraction, technical analysis and result, as well as supervision, review, and interpretation of report by a physician or other qualified health care professional~~



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## Category III Codes

- 0476T** ~~Recording of fetal magnetic cardiac signal using at least 3 channels; patient recording, data scanning, with raw electronic signal transfer of data and storage~~
- 0477T** ~~Recording of fetal magnetic cardiac signal using at least 3 channels; signal extraction, technical analysis, and result~~
- 0478T** ~~Recording of fetal magnetic cardiac signal using at least 3 channels; review, interpretation, report by physician or other qualified health care professional~~
- 0487T** ~~Biomechanical mapping, transvaginal, with report~~
- 0491T** ~~Ablative laser treatment, non-contact, full field and fractional ablation, open wound, per day, total treatment surface area; first 20 sq cm or less~~
- 0492T** ~~Ablative laser treatment, non-contact, full field and fractional ablation, open wound, per day, total treatment surface area; each additional 20 sq cm, or part thereof (List separately in addition to code for primary procedure)~~
- 0493T** ~~Contact near-infrared spectroscopy studies of lower extremity wounds (eg, for oxyhemoglobin measurement)~~



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## Category III Codes

- 0497T** External patient-activated, physician or other qualified health care professional-prescribed, electrocardiographic rhythm derived event recorder without 24-hour attended monitoring; in-office connection
- 0498T** External patient-activated, physician or other qualified health care professional-prescribed, electrocardiographic rhythm derived event recorder without 24-hour attended monitoring; review and interpretation by a physician or other qualified health care professional per 30 days with at least one patient-generated triggered event
- 0499T** Cystourethroscopy, with mechanical dilation and urethral therapeutic drug delivery for urethral stricture or stenosis, including fluoroscopy, when performed
- 0514T** Intraoperative visual axis identification using patient fixation (List separately in addition to code for primary procedure)
- 0702T** Remote therapeutic monitoring of a standardized online digital cognitive behavioral therapy program ordered by a physician or other qualified health care professional; supply and technical support, per 30 days
- 0703T** Remote therapeutic monitoring of a standardized online digital cognitive behavioral therapy program ordered by a physician or other qualified health care professional; management services by physician or other qualified health care professional, per calendar month



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## Category III Codes

- +•0715T** Percutaneous transluminal coronary lithotripsy (List separately in addition to code for primary procedure)
- 0716T** Cardiac acoustic waveform recording with automated analysis and generation of coronary artery disease risk score
- 0717T** Autologous adipose-derived regenerative cell (ADRC) therapy for partial thickness rotator cuff tear; adipose tissue harvesting, isolation and preparation of harvested cells, including incubation with cell dissociation enzymes, filtration, washing, and concentration of ADRCs
- 0718T** Autologous adipose-derived regenerative cell (ADRC) therapy for partial thickness rotator cuff tear; injection into supraspinatus tendon including ultrasound guidance, unilateral
- 0719T** Posterior vertebral joint replacement, including bilateral facetectomy, laminectomy, and radical discectomy, including imaging guidance, lumbar spine, single segment
- 0720T** Percutaneous electrical nerve field stimulation, cranial nerves, without implantation
- 0721T** Quantitative computed tomography (CT) tissue characterization, including interpretation and report, obtained without concurrent CT examination of any structure contained in previously acquired diagnostic imaging



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## Category III Codes

- +●0722T** Quantitative computed tomography (CT) tissue characterization, including interpretation and report, obtained with concurrent CT examination of any structure contained in the concurrently acquired diagnostic imaging dataset (List separately in addition to code for primary procedure)
  
- 0723T** Quantitative magnetic resonance cholangiopancreatography (QMRC), including data preparation and transmission, interpretation and report, obtained without diagnostic magnetic resonance imaging (MRI) examination of the same anatomy (eg, organ, gland, tissue, target structure) during the same session
  
- +●0724T** Quantitative magnetic resonance cholangiopancreatography (QMRC), including data preparation and transmission, interpretation and report, obtained with diagnostic magnetic resonance imaging (MRI) examination of the same anatomy (eg, organ, gland, tissue, target structure) (List separately in addition to code for primary procedure)



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## Category III Codes

- 0725T** Vestibular device implantation, unilateral
- 0726T** Removal of implanted vestibular device, unilateral
- 0727T** Removal and replacement of implanted vestibular device, unilateral
- 0728T** Diagnostic analysis of vestibular implant, unilateral; with initial programming
- 0729T** Diagnostic analysis of vestibular implant, unilateral; with subsequent programming
- 0730T** Trabeculotomy by laser, including optical coherence tomography (OCT) guidance
- 0731T** Augmentative AI-based facial phenotype analysis with report
- 0732T** Immunotherapy administration with electroporation, intramuscular
- ▲0733T** Remote ~~real-time, motion capture-based neurorehabilitativebody and limb kinematic measurement-based~~ therapy ordered by a physician or other qualified health care professional; supply and technical support, per 30 days
- ▲0734T** Remote ~~real-time, motion capture-based neurorehabilitativebody and limb kinematic measurement-based~~ therapy ordered by a physician or other qualified health care professional; treatment management services by a physician or other qualified health care professional, per calendar month



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## Category III Codes

- +•0735T** Preparation of tumor cavity, with placement of a radiation therapy applicator for intraoperative radiation therapy (IORT) concurrent with primary craniotomy (List separately in addition to code for primary procedure)
- 0736T** Colonic lavage, 35 or more liters of water, gravity-fed, with induced defecation, including insertion of rectal catheter
- 0737T** Xenograft implantation into the articular surface
- 0738T** Treatment planning for magnetic field induction ablation of malignant prostate tissue, using data from previously performed magnetic resonance imaging (MRI) examination
- 0739T** Ablation of malignant prostate tissue by magnetic field induction, including all intraprocedural, transperineal needle/catheter placement for nanoparticle installation and intraprocedural temperature monitoring, thermal dosimetry, bladder irrigation, and magnetic field nanoparticle activation
- 0740T** Remote autonomous algorithm-based recommendation system for insulin dose calculation and titration; initial set-up and patient education
- 0741T** Remote autonomous algorithm-based recommendation system for insulin dose calculation and titration; provision of software, data collection, transmission, and storage, each 30 days



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## Category III Codes

- +•0742T** Absolute quantitation of myocardial blood flow (AQMBF), single-photon emission computed tomography (SPECT), with exercise or pharmacologic stress, and at rest, when performed (List separately in addition to code for primary procedure)
- 0743T** Bone strength and fracture risk using finite element analysis of functional data and bone mineral density (BMD), with concurrent vertebral fracture assessment, utilizing data from a computed tomography scan, retrieval and transmission of the scan data, measurement of bone strength and BMD and classification of any vertebral fractures, with overall fracture-risk assessment, interpretation and report
- #•0749T** Bone strength and fracture-risk assessment using digital X-ray radiogrammetry-bone mineral density (DXR-BMD) analysis of bone mineral density (BMD) utilizing data from a digital X ray, retrieval and transmission of digital X-ray data, assessment of bone strength and fracture risk and BMD, interpretation and report;
- #•0750T** Bone strength and fracture-risk assessment using digital X-ray radiogrammetry-bone mineral density (DXR-BMD) analysis of bone mineral density (BMD) utilizing data from a digital X ray, retrieval and transmission of digital X-ray data, assessment of bone strength and fracture risk and BMD, interpretation and report; with single-view digital X-ray examination of the hand taken for the purpose of DXR-BMD



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## Category III Codes

- **0744T** Insertion of bioprosthetic valve, open, femoral vein, including duplex ultrasound imaging guidance, when performed, including autogenous or nonautogenous patch graft (eg, polyester, ePTFE, bovine pericardium), when performed
- **0745T** Cardiac focal ablation utilizing radiation therapy for arrhythmia; noninvasive arrhythmia localization and mapping of arrhythmia site (nidus), derived from anatomical image data (eg, CT, MRI, or myocardial perfusion scan) and electrical data (eg, 12-lead ECG data), and identification of areas of avoidance
- **0746T** Cardiac focal ablation utilizing radiation therapy for arrhythmia; conversion of arrhythmia localization and mapping of arrhythmia site (nidus) into a multidimensional radiation treatment plan
- **0747T** Cardiac focal ablation utilizing radiation therapy for arrhythmia; delivery of radiation therapy, arrhythmia
- **0748T** Injections of stem cell product into perianal perirectal soft tissue, including fistula preparation (eg, removal of setons, fistula curettage, closure of internal openings)



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## Category III Codes

- +● **0751T** Digitization of glass microscope slides for level II, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)
- +● **0752T** Digitization of glass microscope slides for level III, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)
- +● **0753T** Digitization of glass microscope slides for level IV, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)
- +● **0754T** Digitization of glass microscope slides for level V, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)
- +● **0755T** Digitization of glass microscope slides for level VI, surgical pathology, gross and microscopic examination (List separately in addition to code for primary procedure)
- +● **0756T** Digitization of glass microscope slides for special stain, including interpretation and report, group I, for microorganisms (eg, acid fast, methenamine silver) (List separately in addition to code for primary procedure)



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## Category III Codes

- +•0757T** Digitization of glass microscope slides for special stain, including interpretation and report, group II, all other (eg, iron, trichrome), except stain for microorganisms, stains for enzyme constituents, or immunocytochemistry and immunohistochemistry (List separately in addition to code for primary procedure)
- +•0758T** Digitization of glass microscope slides for special stain, including interpretation and report, histochemical stain on frozen tissue block (List separately in addition to code for primary procedure)
- +•0759T** Digitization of glass microscope slides for special stain, including interpretation and report, group III, for enzyme constituents (List separately in addition to code for primary procedure)
- +•0760T** Digitization of glass microscope slides for immunohistochemistry or immunocytochemistry, per specimen, initial single antibody stain procedure (List separately in addition to code for primary procedure)
- +•0761T** Digitization of glass microscope slides for immunohistochemistry or immunocytochemistry, per specimen, each additional single antibody stain procedure (List separately in addition to code for primary procedure)
- +•0762T** Digitization of glass microscope slides for immunohistochemistry or immunocytochemistry, per specimen, each multiplex antibody stain procedure (List separately in addition to code for primary procedure)



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## Category III Codes

- +•0763T** Digitization of glass microscope slides for morphometric analysis, tumor immunohistochemistry (eg, Her-2/neu, estrogen receptor/progesterone receptor), quantitative or semiquantitative, per specimen, each single antibody stain procedure, manual (List separately in addition to code for primary procedure)
- +•0764T** Assistive algorithmic electrocardiogram risk-based assessment for cardiac dysfunction (eg, low-ejection fraction, pulmonary hypertension, hypertrophic cardiomyopathy); related to concurrently performed electrocardiogram (List separately in addition to code for primary procedure)
- 0765T** Assistive algorithmic electrocardiogram risk-based assessment for cardiac dysfunction (eg, low-ejection fraction, pulmonary hypertension, hypertrophic cardiomyopathy); related to previously performed electrocardiogram
- 0766T** Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, initial treatment, with identification and marking of the treatment location, including noninvasive electroneurographic localization (nerve conduction localization), when performed; first nerve
- +•0767T** Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, initial treatment, with identification and marking of the treatment location, including noninvasive electroneurographic localization (nerve conduction localization), when performed; each additional nerve (List separately in addition to code for primary procedure)



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## Category III Codes

- **0768T** Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, subsequent treatment, including noninvasive electroneurographic localization (nerve conduction localization), when performed; first nerve
- +● **0769T** Transcutaneous magnetic stimulation by focused low-frequency electromagnetic pulse, peripheral nerve, subsequent treatment, including noninvasive electroneurographic localization (nerve conduction localization), when performed; each additional nerve (List separately in addition to code for primary procedure)
- +● **0770T** Virtual reality technology to assist therapy (List separately in addition to code for primary procedure)
- **0771T** Virtual reality (VR) procedural dissociation services provided by the same physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports, requiring the presence of an independent, trained observer to assist in the monitoring of the patient's level of dissociation or consciousness and physiological status; initial 15 minutes of intraservice time, patient age 5 years or older



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## Category III Codes

- +● **0772T** Virtual reality (VR) procedural dissociation services provided by the same physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports, requiring the presence of an independent, trained observer to assist in the monitoring of the patient's level of dissociation or consciousness and physiological status; initial each additional 15 minutes intraservice time (List separately in addition to code for primary service)
- **0773T** Virtual reality (VR) procedural dissociation services provided by a physician or other qualified health care professional other than the physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports; initial 15 minutes of intraservice time, patient age 5 years or older
- +● **0774T** Virtual reality (VR) procedural dissociation services provided by a physician or other qualified health care professional other than the physician or other qualified health care professional performing the diagnostic or therapeutic service that the VR procedural dissociation supports; each additional 15 minutes intraservice time (List separately in addition to code for primary service)
- **0775T** Arthrodesis, sacroiliac joint, percutaneous, with image guidance, includes placement of intra-articular implant(s) (eg, bone allograft[s], synthetic device[s])
- **0776T** Therapeutic induction of intra-brain hypothermia, including placement of a mechanical temperature-controlled cooling device to the neck over carotids and head, including monitoring (eg, vital signs and sport concussion assessment tool 5 [SCAT5]), 30 minutes of treatment



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## Category III Codes

- +●0777T** Real-time pressure-sensing epidural guidance system (List separately in addition to code for primary procedure)
- 0778T** Surface mechanomyography (sMMG) with concurrent application of inertial measurement unit (IMU) sensors for measurement of multi-joint range of motion, posture, gait, and muscle function
- 0779T** Gastrointestinal myoelectrical activity study, stomach through colon, with interpretation and report
- 0780T** Instillation of fecal microbiota suspension via rectal enema into lower gastrointestinal tract
- 0781T** Bronchoscopy, rigid or flexible, with insertion of esophageal protection device and circumferential radiofrequency destruction of the pulmonary nerves, including fluoroscopic guidance when performed; bilateral mainstem bronchi
- 0782T** Bronchoscopy, rigid or flexible, with insertion of esophageal protection device and circumferential radiofrequency destruction of the pulmonary nerves, including fluoroscopic guidance when performed; unilateral mainstem bronchus
- 0783T** Transcutaneous auricular neurostimulation, set-up, calibration, and patient education on use of equipment



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## Administrative Multianalyte Assays with Algorithmic Analyses (MAAA)

- ▲0016M** Oncology (bladder), mRNA, microarray gene expression profiling of ~~200-219~~ genes, utilizing formalin-fixed paraffin-embedded tissue, algorithm reported as molecular subtype (luminal, luminal infiltrated, basal, basal claudin-low, neuroendocrine-like)



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