

CROSS CODER

2019

Laboratory

Essential links from CPT® codes
to ICD-10-CM and HCPCS



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Introduction

Optum360 is pleased to present the 2019 *Laboratory Cross Coder*. Fully comprehensive, *Laboratory Cross Coder* links most CPT® laboratory codes to corresponding ICD-10-CM diagnosis and HCPCS Level II codes. Optum360 believes that professional coders working in laboratories, physician's offices, clinical outpatient areas, hospitals, as well as payer settings will embrace this reference.

Laboratory Cross Coder is based on the Pathology and Laboratory section of the *Current Procedural Terminology* (CPT). Up-to-date CPT laboratory codes link to the following related medical coding systems:

- International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM)
- Healthcare Common Procedural Coding System (HCPCS) Level II

All coding relationships in *Laboratory Cross Coder* spring from CPT's pathology and laboratory codes and the term "CPT-driven" is sometimes heard. But it is perhaps more appropriate to think of this reference book as "data driven." A team of clinical and coding experts launched *Laboratory Cross Coder* by first reviewing data drawn from the Optum360 information base of nationwide medical claims. Pertinent laboratory-related coding relationships were drawn from the data stream and processed for coding errors and other anomalies. From this early cut of data emerged a general clinical picture of each laboratory code, but data analysis for *Laboratory Cross Coder* had hardly begun.

Some CPT codes are omitted from the listing because consistent and reliable cross-links are almost impossible to establish. Unlisted procedure codes are an obvious example. Certain types of add-on codes are also treated somewhat differently in *Laboratory Cross Coder*. These codes are discussed in greater detail under the CPT Codes section later in this Introduction. As a data-driven coding reference, *Laboratory Cross Coder* presents most likely scenarios as derived from clinical information sources. However, *Laboratory Cross Coder* is not a substitute for ICD-10-CM or any other medical coding reference and users are urged to regularly consult all available sources. The absence of any specific code does not necessarily indicate that its association to the base procedure code is inappropriate. Assuming all rules of laboratory coding are followed, excepted diagnosis codes may prove appropriate to a specific code scenario.

Laboratory Cross Coder does not include coding rules or guidelines. Once again, the user is urged to consult the original coding reference (e.g., CPT, ICD-10-CM, HCPCS Level II, etc.) or one of several reputable medical coding instruction manuals.

Format

An understanding of the *Laboratory Cross Coder* format allows users to easily navigate its content. Information within the main section ties to the CPT book and the codes are presented in the same numeric order as the pathology and laboratory section.

Sections

Laboratory Cross Coder provides linked information to the CPT code range 80047 to 89398. The codes are divided into the same sections as the Pathology and Laboratory section of the CPT book.

Codes and Code Ranges

The data within each CPT code set of *Laboratory Cross Coder* is presented as follows:

- CPT code or code range
- CPT codes and descriptions
- ICD-10-CM diagnostic codes and descriptions
- HCPCS Level II codes and descriptions

For example:

81290

81290 MCOLN1 (mucolin 1) (eg, Mucopolidosis, type IV) gene analysis, common variants (eg, IVS3-2A>G, del6.4kb)

ICD-10-CM Diagnostic Codes

E75.11 Mucopolidosis IV
Z13.71 Encounter for nonprocreative screening for genetic disease carrier status
Z13.79 Encounter for other screening for genetic and chromosomal anomalies
Z31.5 Encounter for procreative genetic counseling

HCPCS Level II Supplies & Services

G0452 Molecular pathology procedure; physician interpretation and report

Each CPT code or code range is followed by its specific ICD-10-CM and HCPCS Level II links. *Laboratory Cross Coder* presents full descriptions for all CPT codes and their links.

National Coverage Decisions

Your *Laboratory Cross Coder* also indicates when a service is subject to a National Coverage Decision (NCD) by placing NCD after the code. An NCD for a diagnostic laboratory test is a national policy statement granting, limiting, or excluding Medicare coverage for that test. An NCD will indicate Medicare policy regarding the circumstances under which the test will be considered reasonable and necessary. This is important because Medicare will not provide coverage for a service that is not medically necessary such as tests for screening purposes only or otherwise not indicated by the patient's diagnosis. NCDs are applicable nationwide and must be adhered to by all Medicare contractors including fiscal intermediaries and carriers.

Each of the clinical diagnostic laboratory service NCDs contain lists of CPT codes identifying the service, indications and limitations of coverage, and ICD-10-CM codes that support the medical necessity of the procedure. Also included, when applicable, are any documentation requirements that may be necessary. NCDs are periodically updated so it is important that they be reviewed on a regular basis. The complete national coverage decisions may be found at: http://www.cms.gov/CoverageGenInfo/04_LabNCDs.asp.

Other Payers

Non-governmental payers may follow the Medicare NCDs or they may develop their own policies on coverage of laboratory tests, either routine or advanced diagnostic testing. Always check with the insurance company for coverage criteria. Many may have on-line policies that can be reviewed.

Icon Key

An icon key is provided in the bottom margin on each page. These icons, or symbols, can be found next to particular ICD-10-CM diagnosis codes listed in the crosswalk, as appropriate. These icons warn of coding edits, which apply to that particular code and must be followed. For instance, a procedure performed on the prostate would list diagnosis codes for prostate conditions supporting medical necessity. These codes would never be assigned to a female patient and these codes appear with the icon denoting a male only diagnosis. The following icons appear in *Laboratory Cross Coder*:

♀ **Female Diagnosis.** Codes appearing with this symbol should only be used to report a diagnosis for a female patient.

♂ **Male Diagnosis.** Codes appearing with this symbol should only be used to report a diagnosis for a male patient.

Therapeutic Drug Assays

80150

80150 Amikacin

ICD-10-CM Diagnostic Codes

T36.5X1A Poisoning by aminoglycosides, accidental (unintentional), initial encounter
T36.5X2A Poisoning by aminoglycosides, intentional self-harm, initial encounter
T36.5X3A Poisoning by aminoglycosides, assault, initial encounter
T36.5X4A Poisoning by aminoglycosides, undetermined, initial encounter
T36.5X5A Adverse effect of aminoglycosides, initial encounter
T36.5X6A Underdosing of aminoglycosides, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

80155

80155 Caffeine

ICD-10-CM Diagnostic Codes

T43.611A Poisoning by caffeine, accidental (unintentional), initial encounter
T43.612A Poisoning by caffeine, intentional self-harm, initial encounter
T43.613A Poisoning by caffeine, assault, initial encounter
T43.614A Poisoning by caffeine, undetermined, initial encounter
T43.615A Adverse effect of caffeine, initial encounter
T43.616A Underdosing of caffeine, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

80156-80157

80156 Carbamazepine; total

80157 free

ICD-10-CM Diagnostic Codes

T42.1X1A Poisoning by iminostilbenes, accidental (unintentional), initial encounter
T42.1X2A Poisoning by iminostilbenes, intentional self-harm, initial encounter
T42.1X3A Poisoning by iminostilbenes, assault, initial encounter
T42.1X4A Poisoning by iminostilbenes, undetermined, initial encounter
T42.1X5A Adverse effect of iminostilbenes, initial encounter
T42.1X6A Underdosing of iminostilbenes, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

80158

80158 Cyclosporine

ICD-10-CM Diagnostic Codes

T45.1X1A Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), initial encounter
T45.1X2A Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter
T45.1X3A Poisoning by antineoplastic and immunosuppressive drugs, assault, initial encounter
T45.1X4A Poisoning by antineoplastic and immunosuppressive drugs, undetermined, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

80159

80159 Clozapine

ICD-10-CM Diagnostic Codes

T42.4X1A Poisoning by benzodiazepines, accidental (unintentional), initial encounter
T42.4X2A Poisoning by benzodiazepines, intentional self-harm, initial encounter
T42.4X3A Poisoning by benzodiazepines, assault, initial encounter

T42.4X4A Poisoning by benzodiazepines, undetermined, initial encounter

T42.4X5A Adverse effect of benzodiazepines, initial encounter

T42.4X6A Underdosing of benzodiazepines, initial encounter

Z02.83 Encounter for blood-alcohol and blood-drug test

Z51.81 Encounter for therapeutic drug level monitoring

80162 - NCD

80162 Digoxin; total

ICD-10-CM Diagnostic Codes

T46.0X1A Poisoning by cardiac-stimulant glycosides and drugs of similar action, accidental (unintentional), initial encounter
T46.0X2A Poisoning by cardiac-stimulant glycosides and drugs of similar action, intentional self-harm, initial encounter
T46.0X3A Poisoning by cardiac-stimulant glycosides and drugs of similar action, assault, initial encounter
T46.0X4A Poisoning by cardiac-stimulant glycosides and drugs of similar action, undetermined, initial encounter
T46.0X5A Adverse effect of cardiac-stimulant glycosides and drugs of similar action, initial encounter
T46.0X6A Underdosing of cardiac-stimulant glycosides and drugs of similar action, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

80168

80168 Ethosuximide

ICD-10-CM Diagnostic Codes

T42.2X1A Poisoning by succinimides and oxazolidinediones, accidental (unintentional), initial encounter
T42.2X2A Poisoning by succinimides and oxazolidinediones, intentional self-harm, initial encounter
T42.2X3A Poisoning by succinimides and oxazolidinediones, assault, initial encounter
T42.2X4A Poisoning by succinimides and oxazolidinediones, undetermined, initial encounter
T42.2X5A Adverse effect of succinimides and oxazolidinediones, initial encounter
T42.2X6A Underdosing of succinimides and oxazolidinediones, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

80169

80169 Everolimus

ICD-10-CM Diagnostic Codes

T45.1X1A Poisoning by antineoplastic and immunosuppressive drugs, accidental (unintentional), initial encounter
T45.1X2A Poisoning by antineoplastic and immunosuppressive drugs, intentional self-harm, initial encounter
T45.1X3A Poisoning by antineoplastic and immunosuppressive drugs, assault, initial encounter
T45.1X4A Poisoning by antineoplastic and immunosuppressive drugs, undetermined, initial encounter
T45.1X5A Adverse effect of antineoplastic and immunosuppressive drugs, initial encounter
T45.1X6A Underdosing of antineoplastic and immunosuppressive drugs, initial encounter
Z02.83 Encounter for blood-alcohol and blood-drug test
Z51.81 Encounter for therapeutic drug level monitoring

Hematology and Coagulation

85004-85008 - NCD

- 85004 Blood count; automated differential WBC count
 85007 blood smear, microscopic examination with manual differential WBC count
 85008 blood smear, microscopic examination without manual differential WBC count

ICD-10-CM Diagnostic Codes

The application of this code is too broad to adequately present ICD-10-CM diagnostic code links here. Refer to your ICD-10-CM book.

85013-85018 - NCD

- 85013 Blood count; spun microhematocrit
 85014 hematocrit (Hct)
 85018 hemoglobin (Hgb)

ICD-10-CM Diagnostic Codes

The application of this code is too broad to adequately present ICD-10-CM diagnostic code links here. Refer to your ICD-10-CM book.

85025-85032 - NCD

- 85025 Blood count; complete (CBC), automated (Hgb, Hct, RBC, WBC and platelet count) and automated differential WBC count
 85027 complete (CBC), automated (Hgb, Hct, RBC, WBC and platelet count)
 85032 manual cell count (erythrocyte, leukocyte, or platelet) each

ICD-10-CM Diagnostic Codes

The application of this code is too broad to adequately present ICD-10-CM diagnostic code links here. Refer to your ICD-10-CM book.

85048-85049 - NCD

- 85048 Blood count; leukocyte (WBC), automated
 85049 platelet, automated

ICD-10-CM Diagnostic Codes

The application of this code is too broad to adequately present ICD-10-CM diagnostic code links here. Refer to your ICD-10-CM book.

85060

- 85060 Blood smear, peripheral, interpretation by physician with written report

ICD-10-CM Diagnostic Codes

- C79.51 Secondary malignant neoplasm of bone
 C79.52 Secondary malignant neoplasm of bone marrow
 C82.01 Follicular lymphoma grade I, lymph nodes of head, face, and neck
 C82.02 Follicular lymphoma grade I, intrathoracic lymph nodes
 C82.03 Follicular lymphoma grade I, intra-abdominal lymph nodes
 C82.04 Follicular lymphoma grade I, lymph nodes of axilla and upper limb
 C82.05 Follicular lymphoma grade I, lymph nodes of inguinal region and lower limb
 C82.06 Follicular lymphoma grade I, intrapelvic lymph nodes
 C82.07 Follicular lymphoma grade I, spleen
 C82.08 Follicular lymphoma grade I, lymph nodes of multiple sites
 C82.09 Follicular lymphoma grade I, extranodal and solid organ sites
 C82.11 Follicular lymphoma grade II, lymph nodes of head, face, and neck
 C82.12 Follicular lymphoma grade II, intrathoracic lymph nodes
 C82.13 Follicular lymphoma grade II, intra-abdominal lymph nodes
 C82.14 Follicular lymphoma grade II, lymph nodes of axilla and upper limb
 C82.15 Follicular lymphoma grade II, lymph nodes of inguinal region and lower limb
 C82.16 Follicular lymphoma grade II, intrapelvic lymph nodes
 C82.17 Follicular lymphoma grade II, spleen
 C82.18 Follicular lymphoma grade II, lymph nodes of multiple sites

- C82.19 Follicular lymphoma grade II, extranodal and solid organ sites
 C82.31 Follicular lymphoma grade IIIa, lymph nodes of head, face, and neck
 C82.32 Follicular lymphoma grade IIIa, intrathoracic lymph nodes
 C82.33 Follicular lymphoma grade IIIa, intra-abdominal lymph nodes
 C82.34 Follicular lymphoma grade IIIa, lymph nodes of axilla and upper limb
 C82.35 Follicular lymphoma grade IIIa, lymph nodes of inguinal region and lower limb
 C82.36 Follicular lymphoma grade IIIa, intrapelvic lymph nodes
 C82.37 Follicular lymphoma grade IIIa, spleen
 C82.38 Follicular lymphoma grade IIIa, lymph nodes of multiple sites
 C82.39 Follicular lymphoma grade IIIa, extranodal and solid organ sites
 C82.41 Follicular lymphoma grade IIIb, lymph nodes of head, face, and neck
 C82.42 Follicular lymphoma grade IIIb, intrathoracic lymph nodes
 C82.43 Follicular lymphoma grade IIIb, intra-abdominal lymph nodes
 C82.44 Follicular lymphoma grade IIIb, lymph nodes of axilla and upper limb
 C82.45 Follicular lymphoma grade IIIb, lymph nodes of inguinal region and lower limb
 C82.46 Follicular lymphoma grade IIIb, intrapelvic lymph nodes
 C82.47 Follicular lymphoma grade IIIb, spleen
 C82.48 Follicular lymphoma grade IIIb, lymph nodes of multiple sites
 C82.49 Follicular lymphoma grade IIIb, extranodal and solid organ sites
 C82.51 Diffuse follicle center lymphoma, lymph nodes of head, face, and neck
 C82.52 Diffuse follicle center lymphoma, intrathoracic lymph nodes
 C82.53 Diffuse follicle center lymphoma, intra-abdominal lymph nodes
 C82.54 Diffuse follicle center lymphoma, lymph nodes of axilla and upper limb
 C82.55 Diffuse follicle center lymphoma, lymph nodes of inguinal region and lower limb
 C82.56 Diffuse follicle center lymphoma, intrapelvic lymph nodes
 C82.57 Diffuse follicle center lymphoma, spleen
 C82.58 Diffuse follicle center lymphoma, lymph nodes of multiple sites
 C82.59 Diffuse follicle center lymphoma, extranodal and solid organ sites
 C82.61 Cutaneous follicle center lymphoma, lymph nodes of head, face, and neck
 C82.62 Cutaneous follicle center lymphoma, intrathoracic lymph nodes
 C82.63 Cutaneous follicle center lymphoma, intra-abdominal lymph nodes
 C82.64 Cutaneous follicle center lymphoma, lymph nodes of axilla and upper limb
 C82.65 Cutaneous follicle center lymphoma, lymph nodes of inguinal region and lower limb
 C82.66 Cutaneous follicle center lymphoma, intrapelvic lymph nodes
 C82.67 Cutaneous follicle center lymphoma, spleen
 C82.68 Cutaneous follicle center lymphoma, lymph nodes of multiple sites
 C82.69 Cutaneous follicle center lymphoma, extranodal and solid organ sites
 C82.81 Other types of follicular lymphoma, lymph nodes of head, face, and neck
 C82.82 Other types of follicular lymphoma, intrathoracic lymph nodes
 C82.83 Other types of follicular lymphoma, intra-abdominal lymph nodes
 C82.84 Other types of follicular lymphoma, lymph nodes of axilla and upper limb
 C82.85 Other types of follicular lymphoma, lymph nodes of inguinal region and lower limb
 C82.86 Other types of follicular lymphoma, intrapelvic lymph nodes
 C82.87 Other types of follicular lymphoma, spleen
 C82.88 Other types of follicular lymphoma, lymph nodes of multiple sites
 C82.89 Other types of follicular lymphoma, extranodal and solid organ sites
 C84.01 Mycosis fungoides, lymph nodes of head, face, and neck
 C84.02 Mycosis fungoides, intrathoracic lymph nodes
 C84.03 Mycosis fungoides, intra-abdominal lymph nodes
 C84.04 Mycosis fungoides, lymph nodes of axilla and upper limb
 C84.05 Mycosis fungoides, lymph nodes of inguinal region and lower limb
 C84.06 Mycosis fungoides, intrapelvic lymph nodes
 C84.07 Mycosis fungoides, spleen
 C84.08 Mycosis fungoides, lymph nodes of multiple sites
 C84.09 Mycosis fungoides, extranodal and solid organ sites
 C84.11 Sezary disease, lymph nodes of head, face, and neck
 C84.12 Sezary disease, intrathoracic lymph nodes