

Tabular classification

SECTION 1 — SITE AND DURATION OF SERVICE

Comments

The purpose of this section is to permit identification of the site and the duration of service with sufficient uniformity for meaningful comparisons. While it may be argued that site and duration of service are not actually part of 'process' of care, the information is valuable for documenting patterns of health care delivery.

The time intervals are arbitrary, but were selected as those most likely to be useful.

An 'encounter' is 'any professional interchange between a patient and one or more members of the health care team'. An 'indirect encounter' is 'an encounter in which there is no physical or face-to-face meeting between the patient and the professional'.

'Failed encounters' comprise those situations where an encounter was expected but did not occur. While patient 'no-shows' (rubric 170) comprise the majority of this group, users may find other uses for this subsection, such as 'doctor called away on emergency', or 'patient tired of waiting and left'.

Instructions and suggestions for use of section 1

1. Each patient for whom an encounter is accomplished should have one (and only one) entry in section 1. In addition, certain patients for whom an encounter is expected by the provider, but the encounter does not materialize, may be recorded (e.g., patients who have an appointment and fail to keep it without notification).
2. It is presumed that most users will have data systems that identify the provider. However, alpha prefixes may be used in this section (as in other sections) if designation of the provider is required. Suggested alpha prefixes for providers are listed in the 'Guidelines for the user' section, under 'Designators, prefixes, suffixes, and parallel classifications' (p. 13).

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3. The distinction between rubric 14 'Home' and 13 'Institution' may at times be indistinct. For example, are patients who live in a retirement community which affords all levels of care ranging from independent living to complete nursing care classified as 'Home' or 'Institution'?

The key determinant here should be the patient's independence. If the patient has complete independence in matters of his health care, such as when and where to seek medical attention, the 'house call' encounter would be recorded under the rubric 14 'Home'.

For patients who have lost independence so that the major control of health care seeking decisions belongs to another individual (such as would occur in an 'intermediate' or 'skilled' nursing unit) this encounter would be classified as rubric 13 'Institution'.

4. The third digit 0–5, used to specify 'duration of service' in rubric 10 'Office' may also be used for rubrics 11, 12, 13, and 14 if this information is desired. In sections 15 and 16, this information may be recorded at the fourth-digit level.
5. Rubric 15: 'Special clinic site' may be subdivided at the third-digit level to designate the specific clinic type. 'Duration', if desired, should be recorded at the fourth-digit level. This is an exception to the general rule that for adding specificity, third-digit levels should be subdivided into fourth-digit levels.

Section 1 — Site and duration of service

10 Office (surgery)

- 100 Office encounter under 5 minutes
- 101 Office encounter 5–9 minutes
- 102 Office encounter 10–14 minutes
- 103 Office encounter 15–29 minutes
- 104 Office encounter 30–59 minutes
- 105 Office encounter 60 minutes and over
- 109 Office encounter — duration not specified

11 Acute hospital — in-patient

- 119 Acute hospital encounter — duration not specified

12 Emergency department (Casualty department) (including hospital or free-standing)

- 129 Emergency department encounter — duration not specified

- 13 Institution** (*excluding acute hospital*) (*including nursing home, chronic care hospital, organized domiciliary institution*)
 - 139 Institution encounter — duration not specified**
- 14 Home** (*Residence. 'Independent living'*)
 - 149 Home encounter — duration not specified**
- 15 Special clinic site** (*including organized school physical examination clinics, well baby clinics, family planning clinics*)
 - 159 Special clinic site encounter — type of clinic not specified**
- 16 Indirect encounter** (*not face-to-face with provider*)
 - 160 Telephone encounter**
 - 161 Third party encounter**
 - 169 Indirect encounter NEC**
- 17 Failed encounter**
 - 170 No-show**
 - 179 Failed encounter NEC** (*including cancellations*)
- 19 Encounter site NEC**
 - 199 Encounter site NEC**

SECTION 2 — CLINICAL LABORATORY*Comments*

Section 2 is devoted to clinical laboratory procedures. These form an essential part of the 'diagnostic' process for many encounters in primary care. As a result of extensive testing, the procedures listed in this section have been identified as those most frequently used or of sufficient importance to warrant their inclusion in this classification.

In most subsections, the fourth-digit level can be used to add specific tests which by reason of frequency of use or other considerations individual users wish to identify.

Instructions and suggestions for use of section 2

1. If the site of performance is of interest, it is suggested that the following prefixes be used:
 - N Performed at provider's site
 - P Performed by provider's order at remote site
2. Some providers may wish to identify tests which were ordered but for some reason not performed. The following alpha prefixes are suggested for this purpose:
 - R Test ordered but refused
 - S Test ordered but not performed (for reason other than refusal)
3. If the provider wishes to indicate that there was a conscious and deliberate decision *not* to perform a specific test, the alpha prefix 'X' may be used, e.g.:
 - X152 Deliberate decision not to perform 'uric acid test'

Section 2 — Clinical laboratory

20 Urine, physical and chemical tests

- 200 Routine urinalysis (including all dipsticks) without microscopic**
- 201 Routine urinalysis (including all dipsticks) with microscopic**
- 202 Pregnancy test on urine (excluding pregnancy test on blood: 2102)**
- 209 Tests on urine NEC (excluding culture: 261)**

21 Blood chemistry (including tests on whole blood, plasma, or serum)

- 210 Hormones**
 - 2100 T₄ (thyroxine), T₃ RIA (radio-immune assay), T₃ resin uptake**

- 2101 TSH (thyroid stimulating hormone)
- 2102 Pregnancy test on blood (*excluding pregnancy test on urine: 202*)
- 2109 Hormones NEC (*including all other thyroid tests*)
- 211 **Enzymes** (*including alkaline phosphatase, LDH, SGOT, SGPT, gamma GT, CPK, and other cardiac, liver, or unclassified enzymes*)
- 212 **Electrolytes and minerals**
 - 2120 Potassium
 - 2121 Sodium, chloride, and bicarbonate: Na, Cl, HCO³
 - 2122 Calcium/phosphorus
 - 2123 Iron blood tests (*including serum ferritin*)
 - 2129 Electrolytes and minerals NEC (*including magnesium and trace elements*)
- 213 **Proteins, amino acids, lipids**
 - 2130 Proteins (*including albumin, globulin, total protein, protein electrophoresis*), (*excluding lipoproteins: 2131*)
 - 2131 Lipids and lipoproteins (*including cholesterol and fractions [LDL, HDL, etc.], triglycerides, lipoprotein electrophoresis*)
 - 2139 Proteins, amino acids, and lipids NEC
- 214 **Glucose**
 - 2140 Random (or other timed) glucose
 - 2141 Fasting glucose
 - 2142 2-hour post-prandial glucose
 - 2143 Glucose tolerance test
 - 2144 Glycosylated hemoglobin (Hemoglobin A-1-C)
 - 2149 Tests for glucose NEC
- 215 **Other naturally occurring organic chemicals**
 - 2150 Creatinine
 - 2151 Urea (BUN, urea nitrogen)
 - 2152 Uric acid
 - 2153 Bilirubin
 - 2159 Naturally occurring organic chemicals NEC
- 216 **Therapeutic substances**
 - 2160 Aminophylline or theophylline
 - 2161 Phenylhydantoin, and other anticonvulsants as listed in 660-663
 - 2162 Lithium
 - 2163 Digitalis and other cardiac glycosides
 - 2169 Therapeutic substances NEC

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217 Toxic substances (*including lead and alcohol*)

219 Blood chemistry NEC (*including blood gases*)

22 Automated blood chemistry profiles

229 Automated blood chemistry profiles NEC

Instructions for using section 22

This section has been included as a convenience for coding blood studies ordered in groups or profiles.

Alternative methods of dealing with this problem are (1) code each component test in the profile separately, or (2) use an artificial computer code designation which will automatically disperse the tests to their proper numbers in the computer file. If either of these alternative methods is used, do not use section 22, to avoid double coding of laboratory tests.

If section 22 is used, identify each profile by a three- or four-digit code (220 through 228), and supply users of the data with the components of each profile.

23 Hematology

230 Hemoglobin and/or Hematocrit

231 Erythrocyte sedimentation rate (ESR, sed rate, *including plasma viscosity*)

232 Routine blood count

2320 Complete blood count (CBC, *including indices*)

2321 Red blood count

2322 White blood count — with or without differential count

2323 Platelet count

2329 Routine blood counts NEC

233 Blood cell and blood constituents morphology

2330 Sickle cells

2331 Reticulocytes

2332 Total eosinophiles

2339 Blood cell and blood constituents morphology NEC

234 Coagulation and bleeding tests

2340 Prothrombin time

2341 Partial thromboplastin time

2349 Coagulation and bleeding tests NEC

239 Hematology tests NEC

24 Immunology

- 240 Rheumatologic titres** (*including ANA, rheumatoid factor, LE prep*)
- 241 Blood group and typing** (*including Rh typing*)
- 242 Rh antibody titre**
- 243 Infectious titres** (*excluding hepatitis titres*)
 - 2430 Syphilis**
 - 2431 Rubella**
 - 2432 Heterophile** (*Monospot, Paul Bunnel*)
 - 2433 Gonorrhea**
 - 2439 Infectious titres, NEC** (*including also antistreptolysin titre*)
- 244 Hepatitis titres** (*antibodies/antigens*)
- 249 Immunology NEC** (*including complement fixation tests NEC*)

25 Feces

- 251 Feces for occult blood**
- 259 Tests on feces NEC** (*excluding culture: 263, and microscopic exam: 271*)

26 Microbiology: cultures

- 260 Throat culture** (*all types*)
- 261 Urine culture**
 - 2610 Urine culture without sensitivity testing** (*including screening culture*)
 - 2611 Urine culture with sensitivity testing**
 - 2619 urine culture NEC**
- 262 Urogenital tract cultures** (*including urethra, vagina, cervix [with or without accompanying rectal culture]*)
 - 2621 Urogenital culture for gonorrhea**
 - 2622 Urogenital culture for organisms other than gonorrhea**
- 263 Stool (feces) culture**
- 264 Skin, ulcer, or wound culture**
- 269 Culture NEC** (*including blood, sputum, and spinal fluid culture*)

27 Microscopic examination

- 270 Microscopic examination of vaginal secretions** (*all types, including KOH [potassium hydroxide], gram stain*)

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271 Microscopic stool (feces) examination (*including ova, parasites, and fat*)

272 Microscopic examination of skin scrapings

279 Microscopic examination NEC (*including sperm counts, gram stain of sputum*), (*excluding microscopic exam. of the blood: 2339*)

28 Specialized cytology and tissue pathology

280 Exfoliative cytology, vagina and cervix (Pap smear)

281 Tissue pathology

289 Cytology and tissue pathology NEC

29 Laboratory tests NEC

299 Laboratory tests NEC

SECTION 3 — DIAGNOSTIC IMAGING

Including X-ray, xerography, nuclear scanning, ultrasound, nuclear magnetic resonance, and photography.

Comments

The content of this division of the diagnostic process will be subject to rapid changes because of the technological explosion in this area. For this reason this section does not include the degree of specificity which would make it quickly become obsolete because of the introduction of new techniques.

Instructions and suggestions for use of section 3

1. As in other diagnostic sections, it is intended that these tests be coded regardless of site of performance. If site information is desired, the following prefixes may be used:
 - N Performed at provider's site
 - P Performed by provider's order at remote site
2. Whether or not 'tests ordered' or 'tests reported' should be coded will depend on local requirements, but since most coding is done at the time of encounter, 'tests ordered' will be the usual procedure.
3. Some facilities may have reason to identify X-ray procedures in more detail. The fourth digit of this code may be used for this purpose.
4. As in the Clinical Laboratory section, the following prefix alpha designators may be used if the information is of importance to the user:
 - R Test ordered but refused
 - S Test ordered but not performed (for some reason other than refusal)
 - X A conscious and deliberate decision not to perform a specific test; e.g.:
 - X302 A deliberate decision not to perform ribs, sternum, and clavicle X-rays

Section 3 — Diagnostic imaging

30 Plain X-ray, bone

- 300 X-ray: head** (*including sinuses, facial bones, skull*)
- 301 X-ray: upper extremity** (*including shoulder joint*)
- 302 X-ray: ribs, sternum, clavicle, and scapula** (*excluding cervical rib: 303*)
- 303 X-ray: spine** (*including cervical rib, neck*), (*excluding sacro-iliac joint: 304*)

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304 X-ray: pelvis (*including sacro-iliac joint*) (*excluding hip joint: 305*)

305 X-ray: lower extremity (*including hip joint*)

309 Plain X-ray bone NEC

31 Soft tissue imaging, plain (*excluding nuclear scanning, nuclear magnetic resonance, ultrasound*)

310 X-ray: chest (*excluding bony thorax: 302*)

311 X-ray: plain, abdomen

312 Imaging of breast (mammography), (*including X-ray, xero-radiography, and thermography*)

319 Soft tissue imaging NEC

32 Contrast X-rays or photo-imaging

320 Contrast X-ray: upper gastrointestinal tract (*including esophagus and small bowel*)

321 Contrast X-ray: lower gastrointestinal tract (barium enema)

322 Contrast X-ray: gall bladder, liver and bile ducts (cholecystogram)

323 Contrast X-ray: genitourinary tract

324 Contrast X-ray or photoimaging, cardiovascular system, and heart chambers (*including cerebral and retinal arteriograms, venograms*)

329 Contrast X-rays or photoimaging NEC (*including bronchogram*)

33 Computerized tomography and nuclear magnetic imaging

330 Computerized tomography

331 Nuclear magnetic imaging

339 Computerized tomography or nuclear magnetic resonance NEC

34 Nuclear scanning

349 Nuclear scanning NEC

35 Diagnostic ultrasound

350 Ultrasound: gallbladder and other abdominal organs

351 Echocardiography and other ultrasound of the heart

352 Ultrasound: obstetrical

353 Ultrasound: pelvic organs (*excluding obstetrical: 352*)

359 Diagnostic ultrasound NEC (*including vascular ultrasound
[Doppler], breasts, and thyroid*)

39 Diagnostic imaging NEC

399 Diagnostic imaging NEC

SECTION 4 — DIAGNOSTIC PROCEDURES OTHER THAN CLINICAL LABORATORY AND IMAGING

Comments

This section would logically include a variety of diagnostic procedures which are performed routinely and listing them would add little if any information of importance. Some of these procedures which are purposely omitted include fundoscopy, otoscopy, digital rectal examination, blood pressure, tuning fork exam, vaginal speculum exam, visual testing, and body measurements. For those who wish to tabulate these data, instructions are outlined below.

As with other diagnostic sections, it is intended that these will be coded as ordered or performed, regardless of whether the performance is on site, or done elsewhere.

Instructions and suggestions for use of section 4

1. Designation of commonly performed tests which are not specifically designated in this classification, such as those mentioned above, may be detailed at the third-digit level under rubric 49. For example, 490 could be used for 'vaginal speculum exam'.
2. The following prefix modifiers are suggested for use in this section:
Prefixes to designate the specific provider as outlined in 'Guidelines for the user', p. 13.
N Performed at provider's site
P Performed by provider's order at remote site
R Test ordered but refused
S Test ordered but performed (for reason other than refusal)
X A conscious and deliberate decision not to perform a specific test
3. Greater specificity under any subsection may be gained by using the fourth-digit level.

Section 4 — Diagnostic procedures other than clinical laboratory and imaging

40 Diagnostic skin testing and allergy testing

400 Allergy testing (*including skin testing and elimination diet*)

401 Tuberculosis skin tests

409 Diagnostic skin testing and allergy testing NEC (*including anergy testing, anergy screen, histoplasmosis, Schick testing, etc.*)

41 Electrical tracings

410 Electrocardiogram — standard tracings

- 411 Exercise electrocardiogram
- 412 Ambulatory electrocardiogram (Holter monitor, event recorder)
- 413 Electroencephalogram
- 419 Electrical tracings NEC (*including electromyography*)
- 42 Endoscopy
 - 420 Anoscopy, proctoscopy
 - 421 Sigmoidoscopy, proctosigmoidoscopy and colonoscopy (*including examination with rigid or flexible scope*)
 - 422 Upper gastrointestinal endoscopy
 - 423 Laryngoscopy (*including direct and indirect*)
 - 429 Endoscopy NEC
- 43 Ocular testing
 - 430 Tonometry
 - 431 Visual field testing (*including confrontation or finger movement tests*)
 - 432 Colour vision testing
 - 433 Visual acuity testing
 - 439 Ocular testing NEC (*including refraction*)
- 44 Hearing and vestibular tests
 - 440 Audiometry and other instrumental hearing tests
 - 441 Tympanometry
 - 449 Hearing and vestibular tests NEC (*including caloric and other tests for vestibular function*)
- 45 Pulmonary function tests
 - 450 Peak expiratory flow
 - 451 Forced vital capacity (FVC) (*including FEV*)
 - 459 Pulmonary function tests NEC
- 46 Assessment of fetal status
 - 469 Assessment of fetal status NEC (*including stress and non-stress testing and fetal monitoring*), (*excluding obstetrical ultrasound: 352*)
- 49 Diagnostic procedures other than clinical laboratory and imaging NEC
 - 499 Diagnostic procedures other than clinical laboratory and imaging NEC

SECTION 5 — THERAPEUTIC PROCEDURES*Comments*

This is the first of four 'therapeutic' sections. The procedures classified in this section are largely those requiring some motor activity such as the use of the hands and body or the interposition of 'machinery'. These are in contrast to procedures classified in section 8, which mostly require the skills of listening, talking, writing, and general activities such as physical examinations.

Exception to 'doing something' activities are the rubrics 580 'General rest as a therapeutic modality' and 581 'Observation, watchful waiting, or non-intervention', which may be termed 'doing nothing' activities.

It may be useful to identify procedures ordered by the office based provider but actually performed 'off site', such as an obstetrical delivery performed by a provider to whom the patient has been referred specifically for that procedure. Provision for such designation is made below.

Instructions and suggestions for use of section 5

1. Greater specificity may be gained by using the fourth digit for most procedures.
2. Procedures in this section will be presumed to have been performed by the provider, unless otherwise noted. The alpha prefix 'P' may be used to designate 'Performed on physician's order by another provider at remote site'. If it is desirable to identify the exact provider performing the service, modifiers as outlined in 'Guidelines for the user', p. 13, may be used.

Section 5 — Therapeutic procedures

50 Repair or immobilization**500 Closure of laceration** (*excluding obstetrical: 57*)**501 Treatment of fracture or dislocation****502 Cast removal****509 Repair or immobilization NEC****51 Excision, incision, biopsy, aspiration, or removal of tissue or body fluids****510 Excision/biopsy of superficial lesions** (*including warts, scars, ulcers, and biopsy by endoscopy*)**511 Circumcision****512 Aspiration of joints**

- 513 Aspiration of cysts, hematomas, or abscesses**
- 514 Incision/drainage** (*including cysts, abscesses, thrombotic external hemorrhoids*)
- 519 Excision, incision, biopsy, aspiration, or removal of tissue or body fluids NEC** (*including therapeutic removal of blood from a vein, sinus puncture, lumbar puncture, paracentesis, thoracentesis, arterial puncture*), (*excluding catheterization of urinary bladder: 569*)

52 Destruction or cauterization

- 520 Chemical cauterization** (*including trichloroacetic acid, podophyllin, phenol, silver nitrate*) (*excluding cauterization or injection of nerves or veins*)
- 521 Cryotherapy** (*including liquid nitrogen, carbon dioxide snow*)
- 522 Electrocautery** (*including hyfrecator*)
- 523 Nerve destruction** (*including by injection*)
- 524 Vein destruction** (*including by injection of sclerosing agent*)
- 529 Destruction or cauterization NEC**

53 Injection

- 530 Intramuscular injection** (*excluding trigger points: 536*)
- 531 Intradermal injection**
- 532 Subcutaneous injection** (*excluding trigger points: 536*)
- 533 Intravenous injection**
- 534 Injection of joints, bursae, tendons, and tendon sheaths**
- 535 Injection of nerves** (*including nerve blocks*), (*excluding injection of nerves for destruction: 523*)
- 536 Injection of trigger points**
- 539 Injection NEC**

54 Pressure, compression, dilatation, tamponade or dressing

- 540 Bandages or dressings** (*excluding compression for varicose veins: 542; repair or immobilization: 500-509*) (*including wicks or drains*)
- 541 Compression for bleeding** (*including nasal packing for epistaxis, arrest of dental hemorrhage*)
- 542 Compression/support of varicose veins or lymphedema** (*including 'Unna boot', elastic stockings, elastic bandages*)
- 549 Pressure, compression, dilatation, tamponade or dressings NEC**

55 Physical therapies

550 Exercise, active or passive

551 Thermal and hydrotherapy (*including whirlpool, sitz baths, 'sponging' for fever, hot or cold soaks, packs, or compresses; diathermy [microwave, short-wave, or long-wave], heat lamp, infra-red*), (*excluding ultrasound: 555*)

552 Manipulation

553 Massage

554 Acupuncture

555 Ultrasound

556 Electrical stimulation (*including TNS, dorsal column stimulation*)

559 Physical therapies NEC

56 Reproductive and urologic system procedures (*including pregnancy termination*), (*excluding all other obstetrical procedures: section 57*)

560 Pregnancy termination

561 Endometrial biopsy

562 Occlusion of Fallopian tube (*including tubal interruption of all types*)

563 Occlusion of vas deferens (*vasectomy*)

564 Female barrier contraception fitting (*diaphragm, cervical cap*)

565 Insertion/removal of intrauterine device (IUD)

5650 Insertion of IUD (*without prior removal*)

5651 Removal of IUD (*without reinsertion*)

5652 Removal and re-insertion of IUD

569 Reproductive and urologic system procedures NEC
(*excluding obstetrical procedures: 57*), (*including urinary catheter procedures, dilation of urethra, prostatic massage*)

57 Obstetrical procedure (*excluding pregnancy termination: 560*)

570 Normal vertex delivery (*including 1° and 2° lacerations and repair of episiotomy*)

571 Low forceps delivery

572 Vaginal delivery of an abnormal (non-vertex) presentation

573 Complicated vaginal delivery (*excluding: 572*)

574 Caesarean section

575 Induction/augmentation of labour

576 Repair of labour complication (*including cervical laceration, 3° and 4° episiotomy or laceration*), (*excluding repair of 1° and 2° lacerations and repair of episiotomy: 570*)

- 577 Procedural management of postpartum complication**
(including removal of retained or adherent placenta, vaginal packing, reinsertion of uterine prolapse, etc.)
- 578 Delivery not otherwise specified** *(including referral for obstetrical care)*
- 579 Obstetrical procedure NEC**
- 58 Miscellaneous procedures**
 - 580 General rest as a therapeutic modality**
 - 581 Observation, 'watchful waiting', or non-intervention**
 - 582 Removal of ear wax**
 - 583 Ear piercing**
 - 589 Miscellaneous procedures NEC** *(including suture removal)*
- 59 Procedures NEC**
 - 599 Procedures NEC**

SECTION 6 and 7 — THERAPEUTIC: DRUGS AND PHARMACEUTICALS*Comments and suggestions*

This section of the classification corresponds, for the most part, to the third level (fourth digit) of the ATC Classification System. The rationale for the use of this system has been detailed in the Introduction. ATC code numbers have been changed to conform to the *IC-Process-PC* four-digit numeric format. They are directly translatable into the ATC coding characters as shown in the translation column. Greater specificity may be obtained by adding the fifth- and sixth-level ATC codes to the *IC-Process-PC* code numbers.

We suggest a separate fifth- and sixth-digit Supplement to the ICPC drug classification be developed for each country. These supplements should include both generic and trade names of drugs used most commonly in each country.

Instructions for use

1. In selecting categories for specific drugs, it is suggested that the ATC classification index be used, to assure uniformity in reporting.
2. Additional specificity can be gained by expanding to the fifth- and sixth-digit level or higher. Uniformity can be achieved by using ATC rubrics when possible.

Section 6 and 7 — Therapeutic: drugs and pharmaceuticals

	ATC
60 Alimentary tract	A
600 Stomatologicals, mouth preparations	A01
6009 Stomatologicals, mouth preparations NEC	A01A
601 Antacids, antiflatulents, and antipeptic ulcerants	A02
6010 Antacids, antiflatulents	A02A
6011 Anti-peptic ulcerants	A02B
6019 Antacids, antiflatulents, and anti-peptic ulcerants NEC	A02C
602 Gastrointestinal antispasmodics and anticholinergics	A03

	ATC
6020 Synthetics (including papavine)	A03A
6021 Belladonna and derivatives, plain	A03B
6022 Antispasmodics in combination with psycholeptics	A03C
6023 Antispasmodics in combination with analgesics	A03D
6029 Gastrointestinal antispasmodics and anticholinergics NEC	A03E
603 Anti-emetics and antinauseants	A04
6039 Anti-emetics and antinauseants NEC	A04
604 Cholagogues and hepatic protectors	A05
6040 Bile therapy, cholagogues, and choleretics	A05A
6041 Hepatic protectors, lipotropics	A05B
6042 Cholagogues and lipotropics in combination NEC	A05C
605 Laxatives	A06
6059 Laxatives NEC	A06A
606 Antidiarrheals and intestinal anti-infectives	A07
6060 Intestinal anti-infectives	A07A
6061 Intestinal absorbents	A07B
6069 Antidiarrheals NEC	A07C
607 Antiobesity preparations (excluding diet products)	A08
6079 Antiobesity preparation (excluding diet products) NEC	A08A
608 Digestives, including enzymes	A09
6089 Digestives, including enzymes NEC	A09A
609 Alimentary tract products NEC	A16
6099 Alimentary tract products NEC	A16A
 61 Metabolism	 A
610 Antidiabetic therapy	A10
6100 Insulins and other parenterals	A10A
6101 Oral antidiabetics	A10B
6109 Antidiabetic therapy NEC	A10
611 Vitamins	A11
6110 Multivitamins, combinations	A11A
6111 Multivitamins, plain	A11B

	ATC
6112 Vitamins A and D (<i>including combination of the two</i>)	A11C
6113 Vitamin B ₁ (<i>plain and in combination with B₆ and B₁₂</i>)	A11D
6114 Vitamin B-complex (<i>including combinations</i>)	A11E
6115 Vitamin B ₁₂ , plain	A11F
6116 Ascorbic acid (vitamin C) <i>including combinations with minerals</i>	A11G
6118 Other plain vitamin preparations (<i>excluding vitamin K: 6219; and P: 6399</i>)	A11H
6119 Vitamin products, combinations NEC	A11J
612 Mineral supplements	A12
6120 Calcium	A12A
6121 Potassium	A12B
6129 Mineral supplements NEC	A12C
613 Tonics	A13
6139 Tonics NEC	A13A
614 Anabolics, systemic	A14
6140 Anabolic steroids	A14A
6149 Anabolic agents NEC	A14B
615 Appetite stimulants	A15
6159 Appetite stimulants	A15
619 Metabolism products NEC	A16
6199 Metabolism products NEC	A16
62 Blood and blood-forming organs	B
620 Anticoagulants	B01
6209 Anticoagulants NEC	B01A
621 Antihemorrhagics	B02
6210 Antifibrinolytics	B02A
6219 Antihemorrhagics (<i>including vitamin K NEC</i>)	B02B
623 Anti-anemic preparations	B03
6230 Hematinics, iron and all combinations	B03A
6231 Liver extracts in combination with vitamin B ₁₂	B03B
6239 Anti-anemic preparations NEC (<i>including plain folic acid</i>)	B03C

	ATC
624 Cholesterol reducers, antiatheroma preparations	B04
6249 Cholesterol reducers, antiatheroma preparations NEC	B04A
625 Plasma substitutes and perfusion solutions	B05
6250 Blood and related products	B05A
6251 I.V. solutions	B05B
6252 Irrigating solutions	B05C
6253 Peritoneal dialytics	B05D
6254 I.V. solution additives	B05X
6255 Hemodialytics	B05Z
6259 Plasma substitutes and perfusion solutions NEC	B05
629 Other hematological agents, including fibrinolytics and hyaluronidase	B06
6299 Hematological agents NEC (<i>including fibrinolytics and hyaluronidase</i>)	B06A
63 Cardiovascular system	C
630 Cardiac therapy	C01
6300 Cardiac glycosides	C01A
6301 Antiarrhythmics	C01B
6302 Cardiac and respiratory stimulants	C01C
6303 Myocardial therapy	C01D
6309 Cardiac preparations NEC	C01E
631 Hypotensives	C02
6310 Rauwolfia preparations (<i>including combinations with other hypotensives</i>)	C02A
6311 Synthetic hypotensives	C02B
6312 Hypotensives and diuretics in combination	C02C
632 Diuretics (<i>excluding combinations with hypotensives: 6312</i>)	C03
6321 Thiazides and combinations (<i>excluding combinations with hypotensives: 4312</i>)	C03A
6329 Diuretics NEC	C03B
633 Peripheral vasodilators	C04
6339 Peripheral vasodilators NEC	C04A
634 Vasoprotectives	C05
6341 Antihemorrhoidals, topical preparations	C05A

	<i>ATC</i>
6342 Antivaricose therapy, topical	C05B
6343 Systemic vasoprotectives	C05C
6349 Vasoprotectives NEC	C05
635 Beta blocking agents	C07
6350 Beta blocking agents, plain	C07A
6359 Beta blocking agents, NEC	C07
639 Cardiac and circulatory products NEC	C06
6399 Cardiac and circulatory products NEC	C06A
 64–65 Dermatologicals	 D
640 Antifungals, dermatologicals	D01
6400 Antifungals, topical preparations	D01A
6401 Antifungals, systemic preparations	D01B
6409 Antifungals, dermatologicals NEC	D01
641 Emollients and protectives	D02
6419 Emollients and protectives NEC	D02A
642 Cicatrizants (excluding medicated dressings)	D03
6429 Cicatrizants, excluding medicated dressings NEC	D03A
643 Antipruritics (including antihistamines, anaesthetics, etc.)	D04
6439 Antipruritics, NEC (including antihistamines, anaesthetics, etc.)	D04A
644 Coal tar, sulphur and resorcinol products	D05
6449 Coal tar, sulphur and resorcinol products NEC	D05A
645 Antibiotics and chemotherapeutics, dermatologicals	D06
6450 Antibiotics, topical preparations	D06A
6451 Chemotherapeutics, topical preparations	D06B
6452 Antibiotics and chemotherapeutics in combination, topical preparation	D06C
6459 Antibiotics and chemotherapeutics, dermatologicals NEC	D06
646 Corticosteroids, dermatological preparations	D07
6460 Corticosteroids, topical, plain	D07A
6461 Corticosteroids, topical, combination preparations	D07B

	ATC
6469 Corticosteroids, dermatological preparations NEC	D07
647 Antiseptics and disinfectants	D08
6479 Antiseptics and disinfectants	D08A
648 Medicated dressings	D09
6489 Medicated dressings NEC	D09A
650 Anti-acne preparations	D10
6509 Anti-acne preparations	D10A
659 Dermatological preparations (including medicated shampoos) NEC	D11
6599 Dermatological preparations (including medicated shampoos) NEC	D11A
66 Genito urinary system and sex hormones	G
660 Gynecological anti-infectives and antiseptics, topical	G01
6600 Anti-infectives (<i>excluding combinations with corticosteroids</i>)	G01A
6601 Anti-infectives and corticosteroids in combination	G01B
6609 Gynecological anti-infectives and antiseptics NEC	G01
661 Other gynecologicals	G02
6610 Oxytocics	G02A
6611 Topical contraceptives	G02B
6619 Gynecologicals NEC	G02C
662 Sex hormones and stimulants of the genital system	G03
6620 Hormonal contraceptives, systemic	G03A
6621 Androgens and combinations (<i>excluding androgens and female sex hormones in combination: 6624</i>)	G03B
6622 Estrogens and combinations (<i>excluding androgens and female sex hormones in combination: 6624; progestogen and estrogen in combination: 6625; oral contraceptives: 6620</i>)	G03C
6623 Progestogens and combinations (<i>excluding 6624 and 6625</i>)	G03D

	ATC
6624 Androgens and female sex hormones in combination	G03E
6625 Progesterone and estrogen in combination	G03F
6626 Gonadotrophins and other ovulation stimulants	G03G
6627 Antiandrogens and combinations	G03H
6629 Sex hormones NEC	G03X
665 Urologicals	G04
6650 Urinary antiseptics and anti-infectives	G04A
6659 Urinary NEC (<i>including antispasmodics</i>)	G04B
67 Systemic hormonal preparations (<i>excluding sex hormones</i>)	H
670 ACTH	H01
6709 ACTH, NEC	H01A
671 Systemic corticosteroids	H02
6710 Systemic corticosteroids, plain	H02A
6711 Systemic corticosteroids, combinations	H02B
6719 Systemic corticosteroids NEC	H02
672 Thyroid therapy	H03
6720 Thyroid preparations	H03A
6721 Antithyroid preparations	H03B
6722 Iodine therapy	H03C
6729 Thyroid therapy NEC	H03
679 Hormones NEC	H04
6799 Hormones NEC	H04A
68 General anti-infectives, systemic	J
680 Systemic antibiotics	J01
6800 Tetracyclines	J01A
6801 Chloramphenicol	J01B
6802 Penicillins with increased effect on G-negative bacilli	J01C
6803 Cephalosporins	J01D
6804 Trimethoprim (<i>excluding combinations with sulfonamides</i>)	J01E
6805 Macrolides	J01F
6806 Streptomycins	J01G
6807 Penicillins	J01H

	ATC
6808 Penicillin and streptomycin in combination	J01J
6809 Antibiotics NEC	J01K
681 Systemic antimycotics (excluding griseofulvin)	J02
6819 Systemic antimycotics (excluding griseofulvin) NEC	J02A
682 Systemic chemotherapeutics	J03
6820 Sulfonamides	J03A
6821 Sulfonamides and anti-infectives in combination	J03B
6829 Chemotherapeutics NEC	J03C
683 Tuberculostatics (excluding streptomycin)	J04
6839 Tuberculostatics NEC (excluding streptomycin: 6806)	J04A
684 Antivirals (excluding vaccines)	J05
6849 Antivirals NEC (excluding vaccines: 636-687)	J05A
685 Sera and gamma globulins	J06
6859 Sera and gamma globulins NEC	J06A
686 Vaccines for routine active immunization	J07
6860 Diphtheria-tetanus	J07 AA03
6861 Diphtheria-tetanus-pertussis	J07 AA04
6862 Tetanus (excluding tetanus immune globulin: 685)	J07 AA08
6863 Measles, mumps, and rubella vaccine combined (M-M-R)	J07 AA20
	J07 AA39
	J07 AA50
6864 Measles	J07 AA20
6865 Rubella	J07 AA39
6866 Poliomyelitis	J07 AA22
6867 Influenza	J07 AA11
6868 Pneumococcus	J07 AA40
6869 Vaccines for routine active immunization NEC (including mumps as a single agent, BCG, diphtheria as a single agent)	J07 AA02
687 Vaccines for special active immunizations	J07
6870 Typhoid-paratyphoid A and b	J07 AA10
6871 Cholera	J07 AA12
6872 Yellow fever	J07 AA16

40) *Tabular classification*

	ATC
6879 Vaccines for special active immunizations NEC (<i>including staphylococcus vaccine, streptococcus vaccine, arthritis vaccines, typhoid vaccine without paratyphoid</i>)	J07 AA15
689 Anti-infectives, NEC (<i>including leprostatics</i>)	J08
6899 Anti-infectives, NEC (<i>including leprostatics</i>)	J08A
70 Musculo-skeletal system	M
700 Anti-inflammatory and antirheumatic products	M01
7001 Anti-inflammatory and antirheumatic products, non-steroids	M01A
7002 Combinations with corticosteroids	M01B
7009 Anti-inflammatory and antirheumatic products NEC	M01
701 Antirheumatics, topical preparations	M02
7019 Antirheumatics, topical preparations NEC	M02
702 Muscle relaxants	M03
7020 Peripherally acting agents	M03A
7021 Centrally acting agents	M03B
7022 Direct acting agents	M03C
7029 Muscle relaxants NEC	M03
703 Anti-gout preparations	M04
7039 Anti-gout preparations NEC	M04A
709 Other drugs for disorders of the musculo- skeletal system	M05
7099 Other drugs for disorders of the musculo- skeletal system NEC	M05A
71 Central nervous system	N
710 Anesthetics	N01
7110 Anesthetics, general	N01A
7111 Local anesthetics (<i>excluding dermatologicals</i>)	N01B
711 Analgesics and antipyretics	N02
7110 Narcotics	N02A
7111 Antimigraine preparations	N02C
7119 Analgesics and antipyretics NEC	N02B

	ATC
712 Anti-epileptics	N03
7129 Anti-epileptics NEC	N03A
713 Anti-Parkinson drugs	N04
7139 Anti-Parkinson drugs NEC	N04A
714 Psycholeptics	N05
7140 Neuroleptics	N05A
7141 Tranquillizers	N05B
7142 Hypnotics and sedatives	N05C
7149 Psycholeptics NEC	N05
715 Psychoanaleptics	N06
7150 Antidepressants	N06A
7151 Psychostimulants	N06B
7152 Psycholeptics and psychoanaleptics in combination	N06C
7159 Psychoanaleptics NEC	N06C
719 Other CNS drugs (including parasympathomimetics)	N07
7190 Parasympathomimetics	N07A
7199 CNS drugs NEC	N07
72 Parasitology	P
720 Antiparasitic products	P01
7200 Amoebicides	P01A
7201 Anthelmintics (<i>excluding schistosomicides</i>)	P01B
7202 Schistosomicides	P01C
7203 Antimalarials	P01D
7205 Ectoparasiticides (<i>including scabicides</i>)	P01E
7209 Antiparasitic agents NEC	P01G
73 Respiratory system	R
730 Nasal preparations	R01
7309 Nasal decongestants, topical preparations	R01A
731 Throat preparations	R02
7319 Throat preparations	R02A
732 Anti-asthmatics	R03
7320 Bronchodilators (<i>excluding respiratory stimulants: 7321</i>)	R03A

42 *Tabular classification*

		ATC
	7321 Respiratory stimulants	R03B
	7329 Anti-asthmatics NEC	R03
733	Chest rubs and other inhalants	R04
	7339 Chest rubs and other inhalants NEC	R04A
734	Cough and cold preparations	R05
	7340 Cold preparations without anti-infectives	R05A
	7341 Cold preparations with anti-infectives	R05B
	7342 Expectorants (<i>excluding combinations with antitussives</i>)	R05C
	7343 Antitussives (<i>excluding combinations with expectorants</i>)	R05
	7344 Systemic nasal decongestants	R05E
	7345 Antitussives and expectorants, combinations	R05F
	7349 Cough and cold preparations NEC	R05
735	Systemic antihistamines	R06
	7359 Systemic antihistamines NEC	R06A
739	Respiratory system products NEC	R07
	7399 Respiratory system products NEC	R07A
74	Sensory organs	S
740	Ophthalmologicals	S01
	7400 Anti-infectives	S01A
	7401 Corticosteroids	S01B
	7402 Corticosteroids and anti-infectives in combination	S01C
	7409 Ophthalmologicals	S01D
741	Otologicals	S02
	7410 Anti-infectives	S02A
	7411 Corticosteroids	S02B
	7412 Corticosteroids and anti-infectives in combination	S02C
	7419 Otologicals NEC	S02D
742	Ophthalmological and otological preparations (<i>excluding preparations exclusively for eye use: 740; or specifically for ear use: 741</i>)	S03
	7420 Anti-infectives	S03A
	7421 Corticosteroids	S03B
	7422 Corticosteroids and anti-infectives in combination	S03C

		ATC
	7429 Combined ophthalmological and otological preparations NEC	S03D
79	Various	V
	790 Allergens	V01
	7909 Allergens	V01A
	791 Cytostatics and immunosuppressive drugs	V02
	7910 Antileukemics	V02A
	7911 Immunosuppressive drugs (<i>excluding 7910</i>)	V02C
	7919 Cytostatics, NEC	V02B
	792 Diagnostic agents	V04
	7921 Contrast media	V04A
	7922 Urine testing (materials, devices, and kits)	V04B
	7929 Diagnostic agents NEC	V04C
	793 Surgical antiseptics	V05
	7939 Surgical antiseptics NEC	V05A
	794 General nutrients	V06
	7941 Slimming preparations	V06A
	7942 Protein supplements	V06B
	7943 Infant formulas	V06C
	7949 General nutrients	V06D
	798 All other non-therapeutic products	V07
	7989 All other non-therapeutic products NEC	V07A
	799 Therapeutic products NEC	V03

SECTION 8 — CLINICAL AND ADMINISTRATIVE SERVICES

Comments and suggestions

In contrast to those procedures detailed in section 5, 'Procedures', the items of process of care in section 8 are achieved by listening, talking, writing, examination, counselling, health education, and administrative and clinical support which together constitute a large component of primary care.

Instructions for use

1. Some of the procedures listed are an integral part of most encounters, e.g. patient education. It is suggested that these rubrics be coded only when the procedure is the principal reason or a major component of the visit.
2. Formal psychological testing (821) is intended for use when the encounter is primarily devoted to the use of a technique or instrument devised for this purpose. Casual assessments, such as brief mental status determination, need not be coded here.
3. All provider modifiers (A-M) may be used as alpha prefixes here, either as determined by the user or as suggested in the general 'Guidelines for the user' section in the introduction.

The following prefixes can logically be used with this section if the information is of interest:

- N Performed at provider's site
- P Performed by provider's order at remote site

Section 8 — Clinical and administrative services

80 Complete medical assessment/health examination

- 800 Complete administrative examination** (*including insurance, emigration examinations*)
- 801 Complete well baby or child routine**
- 802 Complete prenatal examination** (*including postnatal examination*)
- 803 Complete school health examination**
- 804 Complete occupational health examination**
- 805 Routine complete health or illness examination** (*excluding: 800-804*), (*including 'Routine complete physical exam' and case-finding examinations*)
- 809 Complete medical assessment/health examination, NEC** (*including screening, risk factors*), (*excludes specific risk factors in sections 83 and 84*)

81 Limited medical assessment/health examination

- 810 Limited administrative examination**
- 811 Limited well baby or child routine**
- 812 Limited prenatal examination**
- 813 Limited school health examination**
- 814 Limited occupational health examination**
- 815 Routine partial health or illness examination** (*excluding: 810-814*)
- 819 Limited medical assessment/health examination NEC** (*including screening and risk factors*)

82 Psychological counselling/assessment and health education

- 820 Psychological counselling and assessment** (*excluding marital problems, formal psychological testing: 821; sexual counselling: 841*)
 - 8200 Individual**
 - 8201 Dyad — couple**
 - 8202 Dyad — other**
 - 8203 Family**
 - 8204 Group**
 - 8209 Psychosocial counselling and assessment NEC**
- 821 Formal psychological testing**
- 822 Life stage or life-style counselling** (*including retirement, job change, etc.*) (*fourth digit as in 820 may be used*)

83 Psychological counselling/assessment and health education: deleterious habits and health promotion

- 830 Nutrition/weight**
- 831 Smoking**
- 832 Alcohol consumption**
- 833 Drug abuse**
- 834 Occupational risk**
- 835 Sedentary life-style/exercise**
- 836 Environmental risks**
- 839 Deleterious habits/health promotion NEC**

84 Counselling/assessment and health education: sexuality and pregnancy

- 840 Family planning** (*excluding pregnancy termination*), (*methods may be listed at fourth-digit level*)

46 *Tabular classification*

- 841** Sexual counselling
- 842** Pre-pregnancy
- 843** Counselling for pregnancy
- 844** Genetic counselling
- 849** Sexual and pregnancy counselling/assessment NEC

85 Service without assessment, examination, or counselling

- 850** Filling out form only (*including writing letter, work excuse, renew prescription*)
- 859** Other service without assessment, examination, or counselling

89 Clinical and administrative services NEC

- 899** Clinical and administrative services NEC

SECTION 9 — DISPOSITION (FOLLOW UP)

Comments and suggestions

This section permits coding of the provider's suggestions for a patient's future medical activity, and chronicles the disposition at the end of the encounter. Since primary care providers frequently address multiple patient problems at a single encounter, it is possible that more than one 'disposition' may be recorded for an encounter.

Instructions for use

1. At least one disposition should be documented for each encounter. Multiple dispositions may be recorded as outlined above.
2. If indirect encounters or failed encounters are recorded in section 1, the disposition(s) should also be recorded in section 2.
3. Different terms are used in different countries for the providers listed in subsection 94. If confusion exists, consultation with a WONCA Classification Committee member may be appropriate.
4. Subsection 95, 'Admission to hospital or other institution', is intended for use when the provider has directly admitted the patient to the hospital, which assumes that he has the authority to do so. If the patient is admitted on the authority of another provider, the admission should be treated as a consultation/referral and the appropriate rubric in subsection 93 should be used.
5. For decision on selection of the proper rubric, 'person' takes precedence over 'institution'. For example, in referrals to a surgeon for a hernia repair to be done in a hospital out-patient surgical unit or an ambulatory surgical centre, code 9340 (referral to general surgeon), not 959 (admission to hospital or other institution).

Section 9 — Disposition (follow up)

90 No return appointment

900 Problem resolved

901 Conditional return (*if not improved, or at patient's discretion*)

902 Transient patient (*follow-up, if needed, elsewhere*)

909 Reason for no return appointment NEC (*including leaving practice, death*)

91 Planned telephone contact

919 Planned telephone contact NEC

92 Planned return appointment

- 920 Return appointment within 2 days
- 921 Return appointment in 3–7 days
- 922 Return appointment in 8–31 days
- 923 Return appointment in 32 days to 6 weeks
- 924 Return appointment in over 6 weeks to 3 months
- 925 Return appointment in over 3 months
- 925 Return appointment, time not specified

93 Consultation/referral to a physician for evaluation or service

- 930 Family physician or general practitioner
- 931 Pediatrician
- 932 General internist
- 933 Specified medical specialist (*excluding general internist: 930; pediatrician: 931; or family physician: 932*)
 - 9330 Dermatologist
 - 9331 Cardiologist
 - 9332 Allergist or immunologist
 - 9333 Neurologist
 - 9334 Gerontologist (Geriatrician)
 - 9335 Gastroenterologist
 - 9339 Specified medical specialist NEC
- 934 Surgical specialist
 - 9340 General surgeon
 - 9341 Ophthalmologist
 - 9342 Otolaryngologist
 - 9343 Orthopedic surgeon
 - 9349 Surgical specialist NEC
- 935 Obstetrician-gynecologist
- 936 Psychiatrist
- 937 Emergency physician/casualty officer
- 939 Consultation/referral to physician NEC

94 Referral to a non-physician or agency

- 940 Nurse (*excluding midwife: 942*), (*including psychiatric, mental health nurse, pediatric nurse, and district nurse*)
- 934 Home health worker (*health visitor*)
- 942 Midwife
- 943 Dentist
- 944 Social worker
- 945 Nutritionist (*dietician*)

- 946 Physical therapist, Occupational therapist**
- 947 Mental health worker** (*excluding psychiatrist and nurses*),
(*including psychologist*)
- 948 Community agency** (*including coordinated home health
services, voluntary agency*)
- 949 Referral to non-physician or agency NEC**

- 95 Admission to hospital or other institution**
- 959 Admission to hospital or other institution NEC**

- 99 Disposition (follow-up) NEC**
- 999 Disposition (follow-up) NEC**