

9 series (medicine)

Bio feed- back:

It is a medical modality designed to control autonomic body responses by auditory and visual stimuli to the senses.

Dialysis:

It is a procedure removing toxins from blood in patients with chronic renal failure (or) acute failure

Immunization and vaccination:

Immunization:

Administration of immunoglobulin into human body which results in to prevent the disease

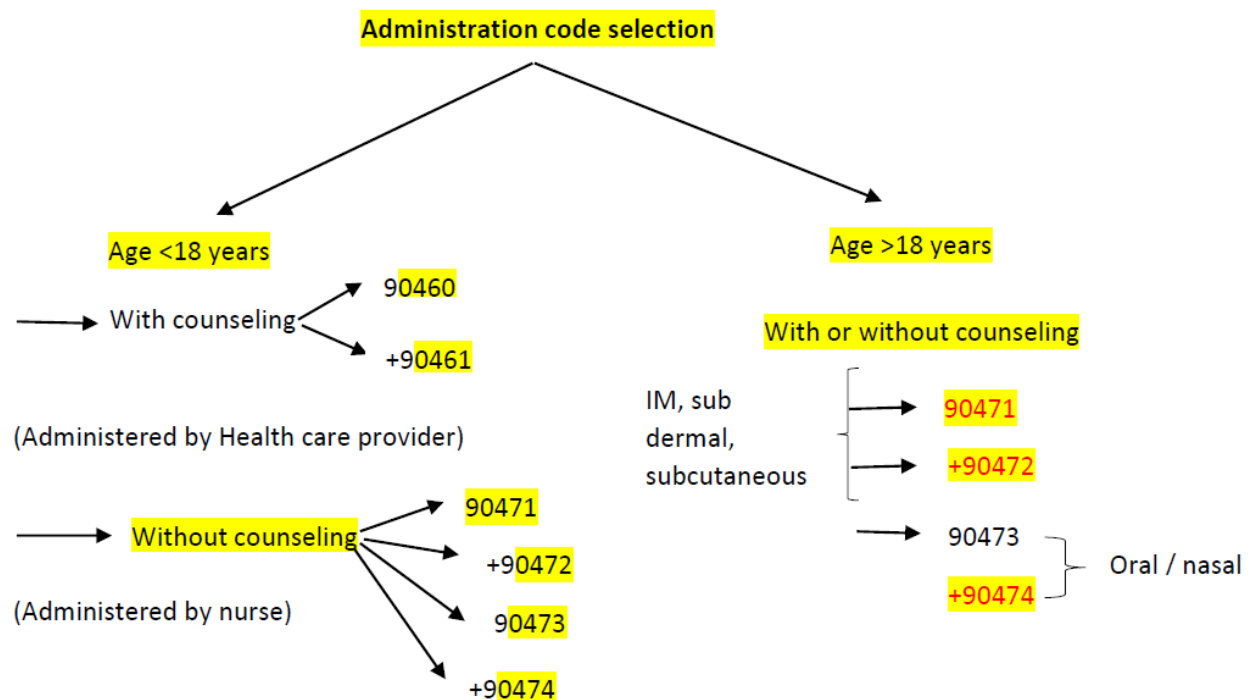
Vaccination:

Administration of micro-organisms into human body which results in to prevent the disease.

- In immunization & vaccination default we have to code 2 CPTs one is administration code another one is product code

1. Who all are called health care providers?

- Physician /doctor/MD
- Mid-level providers (e.g) physician assistants, NP (nurse practitioner)



Example:

1. 25 YEAR OLD PT - Anthrax vaccine, for subcutaneous, Pneumococcal conjugate vaccine, 13 valent (PCV13), for intramuscular use, Typhoid vaccine, live, oral

Ans:

How to <18 years counseling

Product:

1 (or) 2 (or) more components combining administered through 1 injection (Each injection)

Component:

1 micro- organism = 1 component

MMR (Mumps Measles Rubella)

90460

Each product of the initial component it will go for initial code

90461

Remaining components of each product except initial

{If MD performing E/M with administration of vaccine then your answer format is 99xxx/25 vaccine code, product code}

1. MMRV

M -> measles -> 90460

M -> mumps -> 90461

R -> rubella -> 90461

V -> varicella -> 90461

Ans: 90460, 90461x3

Example:

1. Patient age is 4 years with counseling: MMR-SQ, DTaP-IM, and VAR-SQ:
2. Patient age is 44 years with counseling: MMR-SQ, DTaP-IM, and VAR-SQ:

1. 58 minutes psychotherapy only performed?

Psychotherapy For crisis

It is an urgent assessment and history of a crisis statue, a mental status exam, and a dislocation.

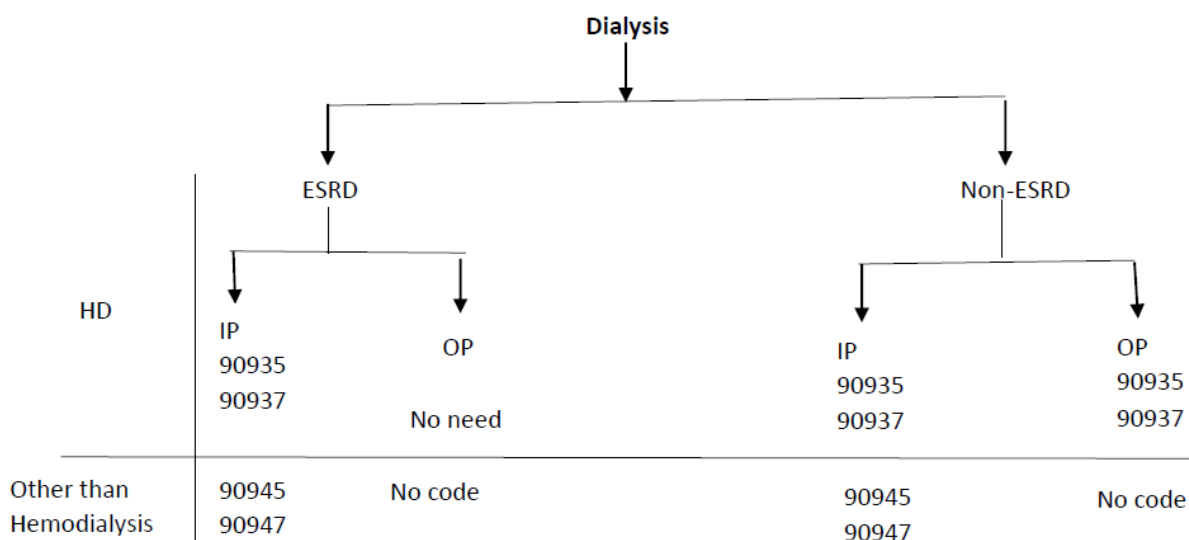
- Same to critical care concept
- 90839 (minimum time 30 minutes) first (30MINS TO 1 HR)
+90840 (each additional 30 minutes) (15MINS TO 30MINS)

Example:

2. 110 minutes **Psychotherapy For crisis?**
3. 75 minutes **Psychotherapy For crisis?**
4. 74 minutes **Psychotherapy For crisis?**

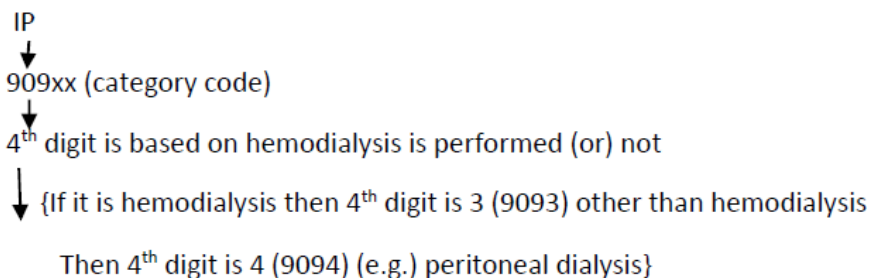
Other psychotherapy:

1. Family psychotherapy (without the patient present! 45 minutes):
2. Family psychotherapy (with the patient present! 30 minutes):
3. Family psychotherapy (with the patient present! 25 minutes):
4. MD done EM for office visit NP, History: Comprehensive, Exam: Comprehensive, MDM; Moderate, then psychotherapy given for 50 minutes AFTER THAT MD GIVEN Pharmacologic management. Including prescription and review of medication, when performed with psychotherapy services:
5. 45 minutes psychotherapy performed with Pharmacologic management. Including prescription and review of medication, when performed with psychotherapy services?



We have to look inpatient (or) outpatient

Dialysis



5th digit is based on evaluation (EM)

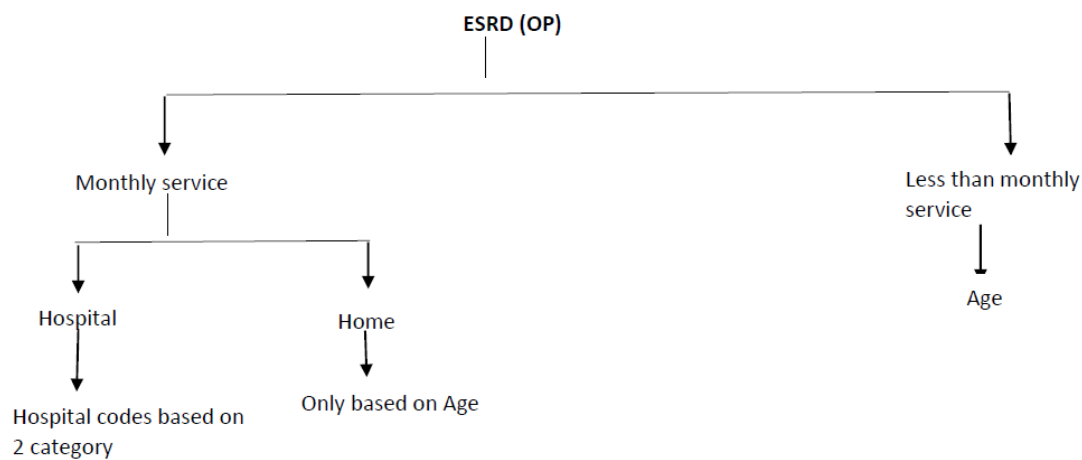
- First (or) only one E/M = then 5th digit is = 5
- Repeated evaluation 5th digit is = 7
- In question they mentioned re-evaluation at that time we have to go to re-evaluation codes

1. A patient with chronic renal failures is in the hospital being evaluated by his endocrinologist other just placing catheter into peritoneal dialysis. The physician is evaluating the during time and running fluid out of the cavity to make sure the volume of dialysis and the concentration of electrolytes and glucose are correctly prescribed for this patient. What code should be reported for this service?

- a) 90935 b) 90937 c) 90947 d) 90945

2. An inpatient with ESRD placed on a regular schedule of hemodialysis. A patient receives dialysis at the hospital and he is re-evaluated area by the physician for possible revision of the prescribed treatment on the re-evaluation the physician determines no changes in regimen is needed. Code for dialysis?

- a) 90935 b) 90937 c) 90947 d) 90945



1. Number of face to face visit per month

2. Age

Hospital Monthly service (OP)

- 0-less than 2years age--> 4(or) more visits = 90951
---> 2-3 visits = 90952
---> 1 visit = 90953
- 2-11 years age---> 4 (or) more visits = 90954
---> 2-3 visits = 90955
---> 1 visits = 90956
- 12-19 years age ---> 4 (or) more visits -> 90957
2-3 visits -> 90958
1 visit -> 90959
- 20 years (or) more age ---> 4 (or) more visits -> 90960
---> 2-3 visits -> 90961
---> 1 visits -> 90962

Monthly services -> Home (only based one age)

0- <2 years ---> 90963
2-11 years ---> 90964
12-19 years ---> 90965
20 years (or) more ---> 90966

[30 days dialysis in home setting then only you have to go with these codes]

{If one (or) 2 days missing from 30 days means then you have to down codes to less than monthly service}

Less than monthly service: - only based on age

0 - <2 years -> 90967
2-11 years -> 90968
12-19 years -> 90969
20 years (or) more -> 90970

These are per day codes [each day we have to give (e.g.) 10 days you have to code 909xx X 10]

Example:

1. Patient age 18 years initially planned to home dialysis but dialysis performed in home setting at 10 days only?
2. Patient is 55 year old toxins home dialysis for monthly service dialysis happened in home settings 30 days?
3. Patient is 55 year old came to t hospital for dialysis for monthly service dialysis happened in hospital with 1 face to face visit

Ophthalmologic service

General ophthalmological service

Coding points

- First we have to look new (or) establish
- Intermediate (or) comprehensive

Intermediate ophthalmological service:

- Including history, general medical observation, external ocular and adnexal examination and other diagnostic procedures as indicated may include the use of mydriasis for ophthalmoscopy.

Comprehensive ophthalmological service:

- Which including history, general medical examination, external and ophthalmoscopic examination gross visual fields and basic sensorimotor examination, it often includes as indicated bio microscopy, examination with cycloplegia (or) mydriasis and tonometry. It always includes initiation of diagnostic and treatment programs

1. Ophthalmologist performed a review of history, external exam, ophthalmoscopy, bio-microscopy and tonometry on an established patient with a new cataract?

a) 92014 b) 99212 c) 99002 d) 99202 e) 92012

Allergen Immunotherapy

Allergy: a damaging immune response by the body to a substance, especially a particular food, pollen, fur, or dust, to which it has become hypersensitive.

Immunotherapy: Allergen immunotherapy, also known as desensitization or hypo-sensitization, is a medical treatment for some types of allergies. It is useful for environmental allergies, allergies to insect bites, and asthma.

1. Injection of Antigens:

→ Already prepared injection given by PCP or HCP (Health care professional). (95115, 95117)

2. Injection and provision:

→ Provision means it is the process of preparation of Antigen. (95120-95134)

3. Provision only:

→ Preparation of antigen (or) injection (95144-95199)

4. Doses :

→ Number of doses given.

5. Type of provision:

→ Whether patient is allergic to 2 (or) 3 insect.

3. Today in the office a 53 year old receives 2 allergy injections I/M in her left upper arm for ragweed and cat dander the doctor administered the allergen extract brought in by the patient what is the CPT code for this service?

- a) 95115 b) 95144 C) 95165x2 d) 95117 E) 95125

4. 22 year old male is coming in for his immunotherapy to Desensitized him to rough weed the physician provided serum with the allergenic extract and performed the injection after the injection was given the patient was observed to make sure he did not experience in allergic reaction?

- A) 95115 b) 95145 c) 95144 d) 95120

ECG (or) EKG (1 question)

93000-93015

93000 --> electrocardiogram, routine ECG with at least 12 leads; with interpretation and report.

93005 --> tracing only, without interpretation and report

93010 --> Interpretation and report only

93000, 93005 {we will use in office settings}

For ECG codes no need for TC, 26, (or) any modifiers

93010 → {it will come in emergency department}

Moderate sedation: (1 question)

- Patient is having some conscious verbally response whereas anesthesia patient completely lost conscious {Moderate (also known as conscious) sedation is a drug induced depression of consciousness during which patients respond purposefully to verbal commands, either alone (or) accompanied by light tactile stimulation}
- Moderate sedation cods 99151, 99152, 99153, 99155, 99156, 99157 are not used to report administration of medication for pain control, minimal sedation (anoxiolysis), deep sedation (or) monitored anesthesia care (00100, 01999)
- Sedation codes based on time
- We have select code based on intra service time of moderate sedation

Same physician:

- Procedure + sedation performed by same physician

Different physician:

- Sedation performed by physician-A
- Procedure performed by physician –B

Code based on age less than 5 years (or) 5 years/older

- Minimum requirement for sedation time is 10 minutes
- Less than 10 minutes not reported separately

Same physician	Different physician
(10 min-15mins) 99151 – less than 5 year old (10 min-15mins) 99152 – greater than or equal 5 +99153 -> add on code-each add 15mins	(10 min-15mins) 99155 – less than 5 (10 min-15mins) 99156 – greater than or equal 5 +99157 - add on code 15mins

PTCA: (Percutaneous Trans luminal Coronary Angioplasty)

PTCA: 92920, 92921

PTCA with atherectomy: 92924, 92925

PTCA with Stent: 92928, 92929

PTCA with atherectomy+ Stent: 92933, 92934

Example:

1. PTCA with atherectomy with 3 stents placed in coronary artery?
2. PTCA with atherectomy, one stent placed in coronary artery and another placed in another artery?

Chemotherapy Infusion
Chemotherapy IV Push
Therapeutic, Prophylactic, or Diagnostic Infusions
Therapeutic, Prophylactic, or Diagnostic IV Push
Therapeutic, Prophylactic, or Diagnostic Injections
Hydration

IM/SC-96372

Definitions:

Infusion: involves the administration of IV fluids and/or drugs over a period of time for diagnostic or therapeutic purposes.

Injection: delivers a dosage in one 'shot,' either very quickly or in some cases over a period of time where the healthcare provider is continuously present to administer the injection either subcutaneously, intramuscularly, intra-arterially, or intravenously.

The types of drugs and medication are divided into three main categories:

Chemotherapy: the use of medicine or drugs to treat cancer delivered by various routes of administration. The *CPT Manual* also includes other highly complex drugs and highly complex biological agents in this category.

Non chemotherapy: includes therapeutic, prophylactic, and diagnostic medicines and drugs delivered by a variety of routes.

Hydration: solution may include a combination of sugar and carbohydrates (for energy), electrolytes, and trace elements delivered by infusion (hanging a bag with fluids).