



**IFHIMA**  
International Federation of  
Health Information Management Associations

## Education Module for Health Record Practice

### Module 5c (2) - Coding Exercises 1-6 – Answers (ICD 9)

#### EXERCISE 1

Underline the "lead term" in each diagnostic statement:

1. Fracture of neck of femur
2. Congestive cardiac failure
3. Bright's disease
4. Prostatic hypertrophy
5. Exfoliative dermatitis
6. Supervision of normal pregnancy
7. Delivery complicated by inversion of the uterus
8. Urethral stricture
9. Abscess of brain

Code:

1. Osteoporosis \_\_\_\_\_ 733.00 \_\_\_\_\_
2. Gonorrhea \_\_\_\_\_ 098.0 \_\_\_\_\_
3. Retinal detachment \_\_\_\_\_ 361.9 \_\_\_\_\_
4. Acute bronchitis \_\_\_\_\_ 466.0 \_\_\_\_\_

5. Dementia \_\_\_\_\_ 294.8 \_\_\_\_\_
6. Cholesterol deposit in retina \_\_\_\_\_ 362.82 \_\_\_\_\_
7. Lipping of vertebra \_\_\_\_\_ 721.90 \_\_\_\_\_
8. Cyst in the lung \_\_\_\_\_ 518.89 \_\_\_\_\_
9. Allergic asthma \_\_\_\_\_ 493.90 \_\_\_\_\_

## EXERCISE 2

Code the following diseases:

1. Tonsillitis \_\_\_\_\_463\_\_\_\_\_
2. Hemoptysis \_\_\_\_\_786.30\_\_\_\_\_
3. Esophagitis \_\_\_\_\_530.10\_\_\_\_\_
4. Mitral stenosis with aortic valve disease \_\_\_\_\_396.1\_\_\_\_\_
5. Milk drinker's syndrome \_\_\_\_\_275.42\_\_\_\_\_
6. Tay-Sachs disease \_\_\_\_\_330.1\_\_\_\_\_
7. Extrinsic asthma due to detergent \_\_\_\_\_507.8\_\_\_\_\_
8. Open-angle glaucoma, congenital \_\_\_\_\_743.20\_\_\_\_\_
9. Cor pulmonale \_\_\_\_\_416.9\_\_\_\_\_
10. Essential hypertension \_\_\_\_\_401.9\_\_\_\_\_
11. Bronchial asthma \_\_\_\_\_493.90\_\_\_\_\_
12. Deviated nasal septum \_\_\_\_\_470\_\_\_\_\_
13. Congestive cardiac failure \_\_\_\_\_428.0\_\_\_\_\_
14. German measles \_\_\_\_\_056.9\_\_\_\_\_
15. Miscarriage \_\_\_\_\_643.90\_\_\_\_\_
16. Left bundle branch block \_\_\_\_\_426.3\_\_\_\_\_
17. Orthopnea \_\_\_\_\_786.02\_\_\_\_\_
18. Plasma cell mastitis \_\_\_\_\_610.4\_\_\_\_\_
19. Rheumatoid inflammation of heart \_\_\_\_\_714.2\_\_\_\_\_

\*\*Could not do these. Do not have dagger and asterisk system.

### EXERCISE 3

1. Meningococcal meningitis \_\_\_\_\_
2. Arthropathy associated with ulcerative colitis \_\_\_\_\_
3. Dendritic keratitis \_\_\_\_\_
4. Mumps meningitis \_\_\_\_\_
5. Syphilitic interstitial keratitis \_\_\_\_\_
6. Waterhouse Friderichsen syndrome \_\_\_\_\_
7. Salmonella osteomyelitis \_\_\_\_\_
8. Gonococcal arthritis \_\_\_\_\_
9. Streptococcal meningitis \_\_\_\_\_
10. Tuberculous arthritis of hip \_\_\_\_\_
11. Arthritis associated with paratyphoid B fever \_\_\_\_\_
12. Subacute sclerosing panencephalitis \_\_\_\_\_
13. Anthrax pneumonia \_\_\_\_\_
14. Diplococcal meningitis \_\_\_\_\_
15. Esophageal varices in alcoholic cirrhosis of the liver \_\_\_\_\_
16. Cardiac glycogenosis \_\_\_\_\_
17. Syphilitic aortic stenosis \_\_\_\_\_
18. Poliomyelitis \_\_\_\_\_
19. Epidemic vertigo \_\_\_\_\_
20. Salmonella bacterial meningoencephalitis \_\_\_\_\_

#### EXERCISE 4

1. Colitis \_\_\_\_\_ 558.9 \_\_\_\_\_
2. Tuberculous pneumonia \_\_\_\_\_ 011.63 \_\_\_\_\_  
(Tubercle bacilli found in sputum by microscopy)
3. Murray Valley encephalitis \_\_\_\_\_ 062.4 \_\_\_\_\_
4. Bacterial infection \_\_\_\_\_ 041.9 \_\_\_\_\_
5. Malaria \_\_\_\_\_ 084.6 \_\_\_\_\_
6. Acute Gastroenteritis \_\_\_\_\_ 558.9 \_\_\_\_\_
7. Diarrhoea (infectious) \_\_\_\_\_ 009.2 \_\_\_\_\_
8. Typhoid Fever \_\_\_\_\_ 002.0 \_\_\_\_\_
9. Serum hepatitis \_\_\_\_\_ 070.9 \_\_\_\_\_
10. Pulmonary actinomycosis \_\_\_\_\_ 039.1 \_\_\_\_\_
11. Cushing's syndrome \_\_\_\_\_ 255.0 \_\_\_\_\_
12. Malnutrition \_\_\_\_\_ 263.9 \_\_\_\_\_
13. Obesity \_\_\_\_\_ 278.00 \_\_\_\_\_
14. Adult onset diabetes \_\_\_\_\_ 250.00 \_\_\_\_\_
15. Diabetic nephropathy \_\_\_\_\_ 250.40, 583.81 \_\_\_\_\_  
(patient a 53 year old male diabetic since childhood)
16. Electrolyte imbalance \_\_\_\_\_ 276.9 \_\_\_\_\_
17. Iatrogenic hypothyroidism \_\_\_\_\_ 244.3 \_\_\_\_\_
18. Cystic fibrosis \_\_\_\_\_ 277.00 \_\_\_\_\_
19. Late effects of rickets \_\_\_\_\_ 268.1 \_\_\_\_\_
20. Iron deficiency anemia \_\_\_\_\_ 280.9 \_\_\_\_\_
21. Mesenteric adenitis \_\_\_\_\_ 289.2 \_\_\_\_\_
22. Allergic eosinophilia \_\_\_\_\_ 288.3 \_\_\_\_\_
23. Capillary fragility \_\_\_\_\_ 287.8 \_\_\_\_\_

24. Hemophilia

286.0

## EXERCISE 5

1. Acute erythroleukemia \_\_\_\_\_207.00\_\_\_\_\_
2. Oat cell carcinoma, left lower lobe of lung \_\_\_\_\_162.5\_\_\_\_\_
3. Astrocytoma, frontal lobe of the brain \_\_\_\_\_191.1\_\_\_\_\_
4. Lipoma, thoracic wall \_\_\_\_\_214.2\_\_\_\_\_
5. Chronic myeloid leukemia \_\_\_\_\_205.10\_\_\_\_\_
6. Malignant hydatidiform mole \_\_\_\_\_236.1\_\_\_\_\_
7. Bowen's disease of face \_\_\_\_\_232.3\_\_\_\_\_
8. Nevus, neck \_\_\_\_\_216.4\_\_\_\_\_
9. Insulinoma \_\_\_\_\_211.7\_\_\_\_\_
10. Rodent ulcer of cheek \_\_\_\_\_173.3\_\_\_\_\_
11. Paget's disease of nipple \_\_\_\_\_174.0\_\_\_\_\_
12. Papilloma of bladder \_\_\_\_\_236.7\_\_\_\_\_
13. Lymphosarcoma of stomach \_\_\_\_\_200.10\_\_\_\_\_
14. Malignant melanoma, calf \_\_\_\_\_172.7\_\_\_\_\_
15. Osteoma of the tibia \_\_\_\_\_213.7\_\_\_\_\_
16. ACTH producing adenoma of the pituitary \_\_\_\_\_227.3, 255.3\_\_\_\_\_
17. Carcinomatosis peritonei \_\_\_\_\_197.6\_\_\_\_\_

18. Brain tumor \_\_\_\_\_ 239.6 \_\_\_\_\_
19. Metastatic carcinoma of the liver from the breast \_\_\_\_\_ 197.7,  
174.9 \_\_\_\_\_
20. Secondary cancer of the rectum \_\_\_\_\_ 197.5 \_\_\_\_\_
21. Undifferentiated small cell carcinoma \_\_\_\_\_ 183.0, 196.3 \_\_\_\_\_  
of the right ovary with metastases to  
the scapular and axillary lymph nodes
22. Angiosarcoma of the spleen \_\_\_\_\_ 159.1 \_\_\_\_\_
23. Carcinoma of pyloric canal with extension to duodenum \_\_\_\_ 151.1, 197.4 \_\_\_\_\_
24. Carcinoma involving pyloric canal and duodenum \_\_\_\_ 151.1, 152.0 \_\_\_\_\_
25. Undifferentiated squamous cell carcinoma \_\_\_\_\_ 145.3, 146.7, 196.0 \_\_\_\_\_  
involving the soft palate and the posterior  
wall of the oropharynx. Metastases to the  
cervical lymph nodes
26. Undifferentiated oat cell carcinoma originating \_\_\_\_\_ 162.2, 197.0, 197.2,  
198.5 \_\_\_\_\_  
in the main bronchus and extending to involve  
the right middle lobe and visceral pleura.  
Metastatic carcinoma in the left femur
27. Giant cell glioblastoma involving the frontal \_\_\_\_\_ 191.1, 191.2 \_\_\_\_\_  
and temporal lobe of the brain
28. Transitional cell carcinoma involving the bladder, \_\_\_\_\_ 188.9, 189.2, 189.0 \_\_\_\_\_  
ureter and kidney



## EXERCISE 6

1.	Excessive smoking	___ 305.1 ___
2.	Korsakov's psychosis	___ 294.0 ___
3.	Acute alcohol intoxication	___ 305.00 ___
4.	Severe mental retardation	___ 318.1 ___
5.	Drug withdrawal syndrome	___ 292.0 ___
6.	Schizophrenia, childhood type	___ 299.90 ___
7.	Hyperventilation syndrome	___ 306.1 ___
8.	Heller's syndrome	___ 299.10 ___
9.	Developmental dyslexia	___ 315.02 ___
10.	Arteriosclerotic dementia	___ 290.40 ___
11.	Hyperkinetic conduct disorder	___ 314.2 ___
12.	Developmental disorder	___ 315.9 ___
13.	Dementia in epilepsy	_ 345.90, 294.10 _
14.	Anxiety state	___ 300.00 ___
15.	Acquired hydrocephalus	___ 331.4 ___
16.	Pick's disease of brain	___ 331.11 ___
17.	Meningitis	___ 322.9 ___
18.	Anoxic brain damage	___ 348.1 ___
19.	Herpes simplex of external ear	___ 054.73 ___
20.	Blindness, one eye	___ 369.60 ___
21.	Charcot-Marie-Tooth disease	___ 356.1 ___
22.	Infantile hemiplegia	___ 343.4 ___
23.	Presenile cataracts	___ 366.00 ___
24.	Secondary Parkinsonism	___ 332.1 ___
25.	Acute secretory otitis media	___ 381.01 ___

26.	Aortic stenosis	___ 424.1 ___
27.	Mitral regurgitation	___ 424.0 ___
28.	Secondary hypertension	___ 405.99 ___
29.	Pulmonary embolism	___ 415.19 ___
30.	Cor pulmonale	___ 416.9 ___
31.	Alcoholic cardiomyopathy	___ 425.5 ___
32.	Arteriosclerotic cardiovascular disease	___ 429.2 ___
33.	Cerebral aneurysm	___ 437.3 ___
34.	Myocardial ischemia	___ 414.8 ___
35.	Myocardial disease	___ 429.1 ___
36.	Subdural hemorrhage	___ 432.1 ___
37.	Cerebral infarction	___ 434.91 ___
38.	Malignant nephrosclerosis	___ 403.00 ___
39.	Psychogenic ulcerative colitis	___ 316, 556.9 ___ <input type="checkbox"/>

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