

# ICD-O-3 topography and morphology exercises

Instruction: Code the correct topography and morphology (including the differentiation grade) according to ICD-O-3.

## PART 1. Solid cancers

1. Adenocarcinoma of the adrenal cortex

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

2. Adenocarcinoma *in situ* in a villous adenoma of the sigmoid

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

3. Adenoid cystic carcinoma of soft palate

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

4. Amelanotic nodular melanoma, face

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

5. Axillary tail of right breast, infiltrating duct carcinoma, BR grade 1

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

6. Basaloid squamous cell carcinoma of the oesophagogastric junction, moderately differentiated

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

7. Bladder, invasive urothelial carcinoma grade 3, with carcinoma *in situ*

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

8. Bowen disease of the left hand

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

9. Carcinoma *in situ* of the left testis

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

10. Cervix uteri, micro-invasive squamous cell carcinoma

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

11. Cheek left, lentigo maligna

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

12. Cholangiocarcinoma, Bismuth II

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

## ICD-O-3 topography and morphology exercises

13. Clear cell renal cell carcinoma, sarcomatoid, upper pole of left kidney

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

14. Ductal carcinoma in situ, upper outer quadrant of right breast

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

15. Epithelial-myoepithelial carcinoma of the left parotid gland

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

16. Medullary carcinoma of the thyroid

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

17. Femoral chondroblastic osteosarcoma, grade III

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

18. Grade II meningioma, parietal

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

19. Hepatocellular carcinoma

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

20. Infiltrating duct carcinoma, papillary, 9:00 position, left breast

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

21. Infratentorial malignant brain tumour (clinical diagnosis)

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

22. Keratinizing squamous carcinoma, well differentiated, base of tongue

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

23. Kaposi sarcoma, back

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

24. Larynx, chondrosarcoma grade II

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

25. Left frontal lobe: glioblastoma multiforme

Topography C \_\_ . \_\_ Morphology \_\_\_\_\_ / \_\_

## ICD-O-3 topography and morphology exercises

26. Lobular carcinoma (2 cm) grade 2 in UOQ and ductal carcinoma (1.8 cm) grade 3 in LOQ in right breast

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

27. Lung, left hilus, poorly differentiated large cell carcinoma with neuroendocrine differentiation

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

28. Malignant tumour cells in pleural effusion (right)

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

29. MPNST, acoustic nerve right

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

30. Mesothelioma, abdomen

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

31. Mixed endometrioid, clear cell, and mucinous adenocarcinoma in both ovaries

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

32. Mixed terato- and choriocarcinoma of the right testis

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

33. Moderately differentiated infiltrating duct carcinoma , head of pancreas

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

34. Myxofibrosarcoma grade III of the right calf

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

35. Moderately to poorly differentiated mucinous adenocarcinoma of the coecum

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

36. Mucosal melanoma, cheek right

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

37. Multiple liver metastases, adenocarcinoma

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

38. Non-invasive papillary transitional cell carcinoma grade 2 of the left kidney

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

## ICD-O-3 topography and morphology exercises

39. Ovary left, granulosa cell tumour

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

40. Papillary renal cell carcinoma, right kidney

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

41. Papillary serous cystadenoma, borderline malignancy, involving right ovary and fallopian tube

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

42. Paravertebral (L1 level) neuroblastoma

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

43. Periosteal fibrosarcoma of lower leg

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

44. Pontine angle, anaplastic oligodendroglioma

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

45. Poorly differentiated small cell neuroendocrine and large cell neuroendocrine carcinoma of lower lobe of right lung

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

46. Poorly differentiated mucinous adenocarcinoma of coecum with extension into the ascending colon

47. Pilocytic astrocytoma of the cerebellum

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

48. Renal cell carcinoma, clear cell type, of left kidney

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

49. Rhabdomyosarcoma, paratesticular, left

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

50. Sacrum, chordoma

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

51. Seminoma in the mediastinum with lung metastasis, no tumour in the testes.

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

52. Signet cell adenocarcinoma of lower curvature of the stomach

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

## ICD-O-3 topography and morphology exercises

53. Squamous cell carcinoma, preauricular

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

54. Squamous cell carcinoma with horn formation of the left false vocal cord

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

55. Subependymal giant cell astrocytoma, brain stem

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

56. Tubular adenocarcinoma, metastatic to lung

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

57. Urothelial carcinoma of dome, trigone, and lateral wall of bladder, muscle-invasive

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

58. Vertebral metastases from anaplastic thyroid carcinoma

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

59. Well differentiated papillary follicular and carcinoma of thyroid gland

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

60. Well differentiated ductular infiltrating carcinoma behind areola

Topography C \_\_ . \_\_                      Morphology \_\_\_\_\_ / \_\_

# ICD-O-3 topography and morphology exercises

## PART 2. Haematological malignancies

1. Adult T-cell lymphoma in multiple lymph node regions (HTLV+)

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

2. ALL with t(9;22)

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

3. AML due to etoposide treatment for testicular cancer

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

4. AML t(8;21)(q22;q22)

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

5. B-ALL in a 5-year old boy

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

6. B-cell follicular lymphoma, grade 1-2, cervical, mediastinal and retroperitoneal

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

7. B-cell chronic lymphocytic leukaemia in axillary lymph nodes, bone marrow negative

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

8. Blood smear, CLL

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

9. CD30+ anaplastic lymphoma of skin of the left shoulder

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

10. Chronic myeloid leukaemia, Ph+

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

11. Chronic myelomonocytic leukaemia, BCR/ABL negative

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

12. Classical Hodgkin lymphoma, lymphocyte rich, cervical node right

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

13. Diffuse large B-cell lymphoma of the stomach

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

## ICD-O-3 topography and morphology exercises

14. Follicular lymphoma, grade 3A, retroperitoneum

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

15. Intravascular B-cell lymphoma, duodenum and spleen

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

16. Large B-cell lymphoma, ALK+, pelvic nodes

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

17. Marginal zone (MALT) lymphoma of the conjunctiva

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

18. Marginal zone lymphoma of the spleen

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

19. MDS with 10% blasts in the bone marrow biopsy

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

20. Mixed Hodgkin and non-Hodgkin lymphoma in the mediastinum (grey zone lymphoma)

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

21. Multiple myeloma in skull, humerus and spine

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

22. Mycosis fungoides of the extremities

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

23. Nodular lymphocyte predominant Hodgkin lymphoma, submandibular

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

24. Peripheral T-cell lymphoma, left breast

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

25. Plasmacytoma in the right maxillary sinus

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

26. Polycythemia vera

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

## ICD-O-3 topography and morphology exercises

27. Polymorphic post-transplant lymphoproliferative disorder in the CNS (liquor)

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

28. Primary mediastinal large B-cell lymphoma

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

29. T-cell rich large B-cell lymphoma in multiple lymph nodes and the bone marrow

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

30. T-LGL

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_

31. Waldenstrom's macroglobulinemia

Topography C \_\_ . \_\_ Morphology \_\_\_\_ / \_\_