

Breast tumours/ Foreword/ WHO classification of tumours of the breast: ICD-O coding

Headings

WHO classification of epithelial tumours of the breast

Benign epithelial proliferations and precursors

Usual ductal hyperplasia

Columnar cell lesions, including flat epithelial atypia

Atypical ductal hyperplasia

Adenosis and benign sclerosing lesions

Sclerosing adenosis

8401/0 Apocrine adenoma

Microglandular adenosis

Radial scar / complex sclerosing lesion

Adenomas

8211/0 Tubular adenoma NOS

8204/0 Lactating adenoma

8503/0 Duct adenoma NOS

Epithelial-myoepithelial tumours

8940/0 Pleomorphic adenoma

8983/0 Adenomyoepithelioma NOS

8983/3 Adenomyoepithelioma with carcinoma

8562/3 Epithelial-myoepithelial carcinoma

Papillary neoplasms

8503/0 Intraductal papilloma

8503/2 Ductal carcinoma in situ, papillary

8504/2 Encapsulated papillary carcinoma

8504/3 Encapsulated papillary carcinoma with invasion

8509/2 Solid papillary carcinoma in situ

8509/3 Solid papillary carcinoma with invasion

8503/3 Intraductal papillary adenocarcinoma with invasion

Non-invasive lobular neoplasia

Atypical lobular hyperplasia

8520/2 Lobular carcinoma in situ NOS

Classic lobular carcinoma in situ

Florid lobular carcinoma in situ

8519/2 Lobular carcinoma in situ, pleomorphic

Ductal carcinoma in situ (DCIS)

8500/2 Intraductal carcinoma, non-infiltrating, NOS

DCIS of low nuclear grade

DCIS of intermediate nuclear grade

DCIS of high nuclear grade

Invasive breast carcinoma

8500/3 Infiltrating duct carcinoma NOS

8290/3 Oncocytic carcinoma

8314/3 Lipid-rich carcinoma

8315/3 Glycogen-rich carcinoma

8410/3 Sebaceous carcinoma

8520/3 Lobular carcinoma NOS

8211/3 Tubular carcinoma

8201/3 Cribriform carcinoma NOS

8480/3 Mucinous adenocarcinoma

8470/3 Mucinous cystadenocarcinoma NOS

8507/3 Invasive micropapillary carcinoma of breast

8401/3 Apocrine adenocarcinoma

8575/3 Metaplastic carcinoma NOS

Rare and salivary gland-type tumours

8550/3 Acinar cell carcinoma

8200/3 Adenoid cystic carcinoma

Classic adenoid cystic carcinoma

Solid-basaloid adenoid cystic carcinoma

Adenoid cystic carcinoma with high-grade transformation

8502/3 Secretory carcinoma

8430/3 Mucoepidermoid carcinoma

8525/3 Polymorphous adenocarcinoma

8509/3 Tall cell carcinoma with reversed polarity

Neuroendocrine neoplasms

8240/3 Neuroendocrine tumour NOS

8240/3 Neuroendocrine tumour, grade 1

8249/3 Neuroendocrine tumour, grade 2

8246/3 Neuroendocrine carcinoma NOS

8041/3 Neuroendocrine carcinoma, small cell

8013/3 Neuroendocrine carcinoma, large cell

WHO classification of fibroepithelial tumours and hamartomas of the breast

Hamartoma

9010/0 Fibroadenoma NOS

9020/1 Phyllodes tumour NOS

Periductal stromal tumour

9020/0 Phyllodes tumour, benign

9020/1 Phyllodes tumour, borderline

9020/3 Phyllodes tumour, malignant

WHO classification of tumours of the nipple

Epithelial tumours

8407/0 Syringoma NOS

8506/0 Adenoma of nipple

8540/3 Paget disease of breast

WHO classification of mesenchymal tumours of the breast

Vascular tumours

9120/0 Haemangioma NOS

Perilobular haemangioma

Venous haemangioma

Cavernous haemangioma

Capillary haemangioma

Angiomatosis

Usual angiomatosis

Capillary angiomatosis

9126/0 Atypical vascular lesion

Lymphatic atypical vascular lesion, resembling lymphangioma

Vascular atypical vascular lesion, resembling haemangioma or hobnail haemangioma

9120/3 Postradiation angiosarcoma

Epithelioid angiosarcoma

9120/3 Angiosarcoma

Epithelioid angiosarcoma

Fibroblastic and myofibroblastic tumours

8828/0 Nodular fasciitis

8825/0 Myofibroblastoma

8821/1 Desmoid-type fibromatosis

8825/1 Inflammatory myofibroblastic tumour

Epithelioid inflammatory myofibroblastic sarcoma

Peripheral nerve sheath tumours

9560/0 Schwannoma NOS

Cellular schwannoma

Epithelioid schwannoma

Plexiform schwannoma

Melanotic schwannoma

9540/0 Neurofibroma NOS

Diffuse neurofibroma

Atypical neurofibroma

Plexiform neurofibroma

9580/0 Granular cell tumour NOS

9580/3 Granular cell tumour, malignant

Smooth muscle tumours

8890/0 Leiomyoma NOS

Cutaneous (pillar) leiomyoma

Leiomyoma of the nipple/areola (muscularis mamillae and areolae)

Leiomyoma of the breast parenchyma

8890/3 Leiomyosarcoma NOS

Adipocytic tumours

8850/0 Lipoma NOS

8861/0 Angiolipoma NOS

8850/3 Liposarcoma NOS

Other mesenchymal tumours and tumour-like conditions

Pseudoangiomatous stromal hyperplasia

WHO classification of haematolymphoid tumours of the breast

Lymphoma

9699/3 Mucosa-associated lymphoid tissue lymphoma

9690/3 Follicular lymphoma NOS

9680/3 Diffuse large B-cell lymphoma NOS

9687/3 Burkitt lymphoma NOS / Acute leukaemia, Burkitt type

Endemic Burkitt lymphoma

Sporadic Burkitt lymphoma

Immunodeficiency-associated Burkitt lymphoma

9715/3 Breast implant-associated anaplastic large cell lymphoma

WHO classification of tumours of the male breast

Epithelial tumours

Gynaecomastia

Florid gynaecomastia

Fibrous gynaecomastia

8500/2 Intraductal carcinoma, non-infiltrating, NOS

Ductal carcinoma in situ

Lobular carcinoma in situ

8540/3 Paget disease of the nipple

8500/3 Infiltrating duct carcinoma NOS

Notes

These morphology codes are from the International Classification of Diseases for Oncology, third edition, second revision (ICD-O-3.2), available from: http://www.iacr.com.fr/index.php?option=com_content&view=article&id=149:icd-o-3-2&catid=80&Itemid=545

Behaviour is coded /0 for benign tumours; /1 for unspecified, borderline, or uncertain behaviour; /2 for carcinoma in situ and grade III intraepithelial neoplasia; /3 for malignant tumours, primary site; and /6 for malignant tumours, metastatic site. Behaviour code /6 is not generally used by cancer registries.

This classification is modified from the previous WHO classification, taking into account changes in our understanding of these lesions.

Subtype labels are indented.

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