

# QZ

## PATHOLOGY. ONCOLOGY

**A specialty concerned with the nature and cause of disease as expressed by changes in cellular or tissue structure and function caused by the disease process.**

### PATHOLOGY

- 1 Societies relating to pathology
- 4 Pathology. General works
- 11 History of pathology
- 11.5 Palaeopathology
- 13 Dictionaries. Encyclopaedias. Bibliographies  
Use for general works only. Classify with specific aspect where possible
- 15 Classification. Terminology in pathology
- 16 Tables. Statistics in pathology
- 18 Education and training in pathology  
Include educational materials for both teaching and study
- 19 Schools, departments and faculties of pathology
- 20 Research. Research design  
Include research to support evidence-based practice  
Classify research on a specific subject with the subject e.g. research on cancer at QZ206
- 21 Pathology as a profession. Careers in pathology. Ethics. Peer review
- 22 Directories
- 23 Laboratories, institutes, etc
- 25 Laboratory manuals. Techniques

- 26 Equipment and supplies
- 26.5 Use of computers, IT and telecommunications technology
- 27 Pathology museums
- 32 Laws
- 33 Discussion of laws
- 34 Comparative pathology  
Works on histopathology should now go at the general number for clinical pathology, QY4
- 35 Post-mortem examination
- 39 Handbooks. Resource guides in pathology

#### **PATHOGENESIS. AETIOLOGY OF DISEASE**

- 40 Pathogenesis and aetiology of disease  
Include causative factors and development. Classify diagnosis and therapy with the disease or system. Classify nutrition disorders in WD200-244
- 42 Iatrogenic disease. Adverse effects of drugs. Medication errors. Overdose  
See QV38 for pharmacological aspects of drug-induced diseases
- 45 Development defects
- 50 Heredity. Inherited disorders. Medical genetics, include general works on genetic counselling.  
For general works on genetics see QU450-500. For chromosome abnormalities see QS677. See WQ173 and WM843 for genetic counselling in those areas and QV38 for pharmacogenetics. For Oncogenes see QZ520 and for gene therapy of cancer see QZ790
- 52 Genetic techniques and therapy; include clinical aspects of genetic engineering and cloning.  
Classify general aspects of genetic engineering and cloning in QU450
- 53 Age factors. Sex factors.  
Classify works on age or gender factors of a particular disease with the disease
- 55 Trauma (physical) in the pathogenesis of disease.

57 Physical agents e.g. light, vibration in the pathogenesis of disease  
See QT162 for physiological effects

59 Chemical agents of disease

65 Bacteria, fungi, viruses, Rickettsia as agents of disease  
Classify works on specific organisms in QW.

#### MANIFESTATIONS OF DISEASE

This section is for general manifestations, not for specific diseases,  
which should go with the part or disease.

140 General manifestations of disease. Pathophysiology

150 Local reaction to injury and disease, e.g. inflammation

160 General reaction to injury and disease, e.g. shock, fever, stress  
See also WD490

170 Manifestations of circulatory disorders e.g. oedema; thrombus; ischaemia.  
Put works on specific parts and specific diseases with the appropriate number.

180 Manifestations of degenerative processes. Disorders of metabolism. Necrosis

190 Manifestations of local disorders of growth e.g. hyperplasia

#### ONCOLOGY

201 Popular works. Personal accounts of cancer patients and their families  
Include patient information on cancer

202 Cultural and anthropological aspects of cancer.

205 Classification and nomenclature  
See also QZ300-380

206 Research. Protocols. Clinical tests  
Include research to support evidence-based practice  
Classify research on a specific subject with the subject

207 Institutes, e.g. Imperial Cancer Research Fund

208 Directories

210 Oncology. Neoplasms. Cancer. General works. Include works on benign tumours  
Include works on complications e.g. infections. Classify with specific disease  
where possible, e.g. WP870 for breast cancer

230 Pre-cancerous conditions. Include polyps.

250 Invasive malignant tumours. Include staging

260 Metastases

#### MORPHOLOGY OF CANCER

300 Morphology of cancer

305 Histopathology of cancer

310 Embryonal and mixed tumours

340 Connective, muscle and vascular tissue tumours

345 Sarcoma

350 Leukaemia and lymphoma  
See WH250 and WH525 for clinical aspects

365 Glandular epithelial tissue. Carcinoma

380 Nervous tissue; neuroma

#### BIOLOGY OF CANCER

400 Biology of cancer.  
Include cell growth

420 Biochemistry. Tumour markers

440 Immunology of cancer

460 Endocrinology of cancer

**AETIOLOGY OF CANCER**

- 500 Aetiology of cancer. General works
- 510 Carcinogenesis
- 520 Genetic aspects of aetiology. Oncogenes
- 530 Viral aspects
- 540 Chemical carcinogenesis
- 550 Environmental aspects. Epidemiology, clusters etc
- 560 Diet and nutrition as causes of cancer. Do not confuse with diet therapy in cancer  
QZ770
- 570 Occupational hazards
- 590 Other environmental causes

**EPIDEMIOLOGY OF CANCER**

- 600 Cancer registries. Statistics
- 610 Morbidity and mortality

**CANCER SERVICES**

- 615 Cancer health services and facilities. Hospitals  
Include health services policy and planning
- 620 Prevention and control  
Include legislation
- 625 Health promotion  
See W560-579 for specific health promotion campaigns, e.g. healthy eating
- 630 Screening. General works  
Classify with the specific disease where possible, e.g. screening for  
breast cancer WP815. See W128 for mass screening programmes in general

- 650      Diagnosis. General works only  
          See WN for radiological aspects
- 660      Early diagnosis
- 670      Computer-assisted tomography (CAT) scanner  
          See WN230 for general works on CAT scanning

**CANCER THERAPY**

- 700      Therapy. General works  
          Include eligibility criteria for treatment
- 710      Drug therapy  
          Include platinum therapy
- 720      Hormone therapy
- 730      Immunotherapy. Include virus therapy
- 740      Surgery, include minimally invasive surgery
- 743      Laser surgery
- 746      Cryosurgery
- 747      Radiosurgery e.g. gamma knife
- 750      Radiotherapy  
          See WN for radiological aspects
- 753      X rays, gamma rays and other external radiation
- 758      Radioactive implants
- 760      Adjuvant therapy
- 770      Diet and nutrition in therapy. Include cachexia. Put works on diet as a cause of cancer  
          at QZ560

- 780 Other types of therapy, e.g. cold therapy, hyperthermia, use of cannabis (to control vomiting)
- 785 Complementary therapies. Include those of dubious value as well as of proven value
- 790 Genetic therapy of cancer

#### **CANCER NURSING**

- 800 Cancer nursing. Care of the cancer patient
- 810 Counselling, communication skills
- 815 Community nursing of cancer patients. E.g. Macmillan nurses

#### **OTHER ASPECTS OF CANCER**

- 820 Psychological and social effects of cancer
- 840 Psychological support, include cosmetic therapy, beauty tips etc.
- 850 Rehabilitation therapies, include art, music etc
- 860 Advanced cancer
- 865 Palliative care in terminal cancer  
Include symptom/pain control in terminal cancer  
See WL830-836 for pain therapy in general; WT640 for pain relief in terminal care in general. WT603 for non-medical works on death.