

BRITISH STANDARD 1000[616]: 1970

UDC 025.45:616

**UNIVERSAL
DECIMAL CLASSIFICATION**

ENGLISH FULL EDITION

Fourth International Edition

(FID Publication No. 179)

**UDC 616
PATHOLOGY**

Amendment Slip No. 1, published and effective from 31 August 1979
to BS 1000[616] : 1970

Universal Decimal Classification. English full edition

UDC 616 Pathology

Revised text

Schedule

616-002.6-078.097-02:616-002.5

Move '-078' to the right, to align vertically with '-056' above.

616-004.8

Delete 'LACUANAE' and substitute 'LACUNAE'.

616-006

Delete 'HAMATOMATA' and substitute 'HAMARTOMATA'.

616-022.914.64

Delete 'heroptera' and substitute 'heteroptera'.

616-036.5

At the top of the page, delete the shoulder heading '612-036.5' and substitute '616-036.5'.

616-093

Delete the existing note and substitute the following:

'General studies of microbiological techniques are classed at 57.083: for parasitology → 576.8: for microbiology → 579'.

616-009

In line 4 of the note, after '-099', insert a full stop.

New entries

After '616-099' and the associated text, insert the following:

- 616-7 MEDICAL AND SURGICAL INSTRUMENTATION AND EQUIPMENT**
The following subdivisions may be used for specific purposes with other divisions of 616 (see examples below), and with the principal divisions of 615.8 and 616/618, but not as the main place for these matters, for which → 615.4
- 71 Medical instruments generally. Diagnostic, testing, measuring and recording instruments and apparatus, e.g.
 - 616-072.1-71 Endoscopes
 - 616.12-073.96-71 Cardiographs, including electrocardiographs
 - 616.33-072.1-71 Gastrosopes
 - 616.831-073-71 Electroencephalography
 - 72 Surgical and therapeutic instruments, e.g.
 - 616.314-72 Dental operative instruments
 - 618.4-72 Obstetric operative instruments*Further particulars may be denoted by colon combination with the subdivisions of 615.47*
 - 74 Reinforcement and reparative materials and equipment. Dressings, fillings, etc., e.g.
 - 616.314-74 Dental fillings
 - :615.46 Particular alloys and other materials
 - 616.5-089-74 Skin grafts, transplants
 - 616.71-74 Bone splints*Further particulars may be denoted by colon combination with the subdivisions of 615.46*
 - 76 Corrective and protective appliances, aids, etc., e.g.
 - 616.28-76 Hearing aids. Deaf aids
 - 616.314-76 Dental bridges, plates, etc.
 - 617.3-76 Orthopaedic crutches, etc.
 - 617.7-76 Ocular aids: spectacles, contact lenses, etc.

616-77 Prosthetic materials and parts. Artificial organs and parts, e.g.

616.314-77 Artificial teeth. Dentures
617.57-77 Artificial upper limbs, hook-arms, etc.
617.58-77 Artificial lower limbs, legs
617.7-77 Artificial eyes (glass, plastics, etc.)
Further particulars may be denoted by colon combination with the subdivisions of 615.46

-78 Machines and mechanical apparatus, e.g.
615.816-78 Artificial respiration apparatus: iron lungs
616.61-78 Artificial kidney (blood-purifying, dialysis machines)

616.717.5/6-001.5

Move '-001.5' to the right, as if to follow '616.717.5/6'.

616.717.5/6-001.512

At the top of the page, delete the shoulder heading '616.717.5/.6-001.215' and substitute '616.717.5/6-001.512'.

616.717.5/6-001.513

Move '.513' to the right to align vertically with '.512' above.

616.718.9

Delete the existing text and substitute the following:

616.718.9 Toes and phalanges of the toes
.91 Hallux (great toe)
.911 Proximal phalanx of hallux
.913 Distal phalanx of hallux
.92 Second toe
.921 Proximal phalanx of second toe
.922 Medial phalanx of second toe
.923 Distal phalanx of second toe
.93 Third toe
.931 Proximal phalanx of third toe
.932 Medial phalanx of third toe
.933 Distal phalanx of third toe
.94 Fourth toe
.941 Proximal phalanx of fourth toe
.942 Medial phalanx of fourth toe
.943 Distal phalanx of fourth toe
.95 Fifth toe (little toe)
.951 Proximal phalanx of fifth toe
.952 Medial phalanx of fifth toe
.953 Distal phalanx of fifth toe.

616.8-009.861

Delete 'Vasculars pasms' and substitute 'Vascular spasms'.

616.831-003.7

Immediately before '003.7' insert a hyphen.

616.993.192.6:636.2

Delete '616.903' and substitute '616.993'.

Alphabetical subject index

Delete the entry for 'Ambulatory diseases' and substitute the following:

'Ambulatory
 appliances 616-089.226
 diseases 616-039.57

Delete the entry for 'Walking tests' and substitute the following:
'Walking
frames *see* Ambulatory appliances
tests
vertigo 616.28-008.55-072.7'.

After the alphabetical subject index, insert the following
supplementary index:

SUPPLEMENTARY INDEX

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Alloys
dental fillings 616.314-74:615.46
(*under* 616-74)
Apparatus 616-7
Appliances 616-76
Arms
protheses 617.314-77 (*under* 616.77)
Artificial
kidney machines 616.61-78
(*under* 616-78)
organs generally 616-77
respiration apparatus 615.816-78
(*under* 616-78)
Blood-purifying machines 616.61-78
(*under* 616-78)
Bone splints 616.71-74 (*under* 616-74)
Cardiographs 616.12-073.96-71
(*under* 616-71)
Corrective appliances 616-76
Contact lenses 617.7-76 (*under* 616-76)
Crutches 617.3-76 (*under* 616-76)
Deaf aids 616.28-76 (*under* 616-76)
Dental
bridges 616.314-76 (*under* 616-76)
fillings 616.314-74 (*under* 616-74)
operative instruments 616.314-72
(*under* 616-72)
plates 616.314-76 (*under* 616-76)
Dentures 616-77
Diagnostic instruments 616-71
Dressings 616-74
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(*under* 616-78)
Endoscopes 616-072.1-71 (*under* 616-71)
Electrocardiographs 616.12-073.96-71
(*under* 616-71)
Electroencephalography 616.831-073-71
(*under* 616-71)
Equipment 616-7
Eyes
protheses 617.7-77 (*under* 616-77)

False organs 616-77
Fillings 616-74
Gastrosopes 616.33-072.1-71
(*under* 616-71)
Glass eyes 617.7-77 (*under* 616-77)
Grafts
skin 616.5-089-74 (*under* 616-74)
Hearing aids 616.28-76 (*under* 616-76)
Hook-arms 617.314-77 (*under* 616-77)
Instrumentation 616-7
Iron lungs 615.816-78 (*under* 616-78)
Kidney machines 616.61-78
(*under* 616-78)
Legs
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Lenses, contact 617.7-76 (*under* 616-76)
Lower limbs
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Machines 616-78
Measuring instruments 616-71
Mechanical apparatus 616-78
Medical equipment 616-7
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(*under* 616-72)
Ocular aids 617.7-76 (*under* 616-76)
Operative instruments 616-72
Orthopaedic crutches 617.3-76
(*under* 616-76)
Parts, prosthetic 616-77
Plastic eyes 617.7-77 (*under* 616-77)
Prosthetic materials 616-77
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(*under* 616-78)
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(*under* 616-74)
Spectacles 617.7-76 (*under* 616-76)
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Teeth *see* Dental, Dentures
Testing instruments 616-71
Therapeutic instruments 616-72
Toes 616.718.9
Transplants
skin 616.5-089-74 (*under* 616-74)
Upper limbs
protheses 617.314-77
(*under* 616-77)

UNIVERSAL DECIMAL CLASSIFICATION

ENGLISH FULL EDITION

Fourth International Edition
(FID Publication No. 179)

BS 1000 [616]: 1970

UDC 616 PATHOLOGY

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A list of parts of BS 1000 will be found in Sectional List SL 35, available on request from BSI

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The following BSI references relate to the work on this standard:
Committee references OC/20/4, OC/20/4/14.

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UNIVERSAL DECIMAL CLASSIFICATION

ENGLISH FULL EDITION

UDC 616 PATHOLOGY

FOREWORD

THE English version of the Universal Decimal Classification (UDC) is being prepared and published as BS 1000 by the British Standards Institution (BSI) at the original joint request of the British Society for International Bibliography (BSIB) and the Association of Special Libraries and Information Bureaux (ASLIB), now both amalgamated as Aslib. The first English full edition is the fourth international edition authorized by the Fédération Internationale de Documentation (FID) and has the approval of the Education Foundation, Lake Placid Club, New York, proprietors of the Dewey Decimal Classification, from which the UDC derives.

This section is part of the English full edition and existing and prospective users are strongly advised not to use it in isolation but in conjunction with the Abridged English Edition, BS 1000A. The abridged edition refers to many other subjects of interest to users which are not listed in this schedule and it provides a conspectus of the whole scheme, together with an introduction to its use. For further practical information about the principles, application and utilization of the scheme, users should refer to BS 1000C 'Guide to the Universal Decimal Classification (UDC)'. [A survey of UDC editions in English and other languages will be found on page 114 of this volume.]

Because BSI is making every effort to complete the first English full edition of the UDC by publishing without delay those parts of BS 1000 which are lacking, it is possible that some errors, imperfections and inconsistencies will be found in this section. The Institution would like to emphasize however that every user has the opportunity to submit suggestions for improvements; these will be welcomed and considered by the appropriate bodies. Improvements involving major changes in the order and arrangement of the classification can only be introduced by international agreement (*via* the British Standards Institution) but criticisms of terminology, translation, etc., affecting the English edition as such can be dealt with by BSI.

This edition of UDC 616 Pathology incorporates amendments from 'Extensions and Corrections to the UDC' up to and including Series 6, No. 5, March 1968.

Notes on UDC 61 Medicine

SCOPE

Section 61 includes everything to do with the anatomy, physiology, pathology, etc., of the human body and also comparatively those of animals; further, the avoidance of illnesses and accidents (hygiene, public health, accident prevention) and therapeutics (pharmacology, practical pharmacy, materia medica and toxicology). It should be noted that a series of subjects important to medicine come in the Sections 56 Palaeontology, 57 Biological sciences, 58 Botany and 59 Zoology. In classifying the literature those sections should also be taken into account; in many cases special reference is made to them in subsections of 61.

PRINCIPLES OF DIVISION

Section 611 Anatomy, especially 611.1/.8 Systematic anatomy, is particularly important (see the introductory remarks to Section 611). The subsections of 61 correspond as far as possible with each other, especially 612.1/.8 Systematic physiology and 616.1/.8 Special pathology.

If a publication deals with aspects of the anatomy, physiology and pathology of specific parts of the body, it should be placed in the appropriate part of 616; it is recommended, however, that references should be made to the corresponding subsections of 611 and 612.

PRINCIPAL DIVISIONS

611 Anatomy	616 Pathology
612 Physiology	617 Orthopaedics. Surgery. Ophthalmology
613 Hygiene	618 Gynaecology. Obstetrics
614 Public health. Accident prevention	619 Comparative medicine. Veterinary medicine
615 Pharmaceutics. Therapeutics. Toxicology	

Notes on UDC 616 Pathology

The UDC numbers 616-001/-099 given in this edition may be used as main UDC numbers as well as special auxiliaries applicable throughout the whole of 616 Pathology, *e.g.*

616-001.4	Wounds in general
616.214.8-001.4	Wounds of the organs of smell

The special auxiliaries and the common auxiliaries of place (1/9), time '...', form (0...) and language = applicable universally in UDC provide extensive combinations for the subdivisions of pathology. To facilitate their use, a number of examples of the application of these combinations of UDC symbols have been incorporated in the tables for the commonest diseases and operations.

Only the classifications of stomatology 616.31, and of odontology and dentistry 616.314 have been given in full. These tables (616.31 and particularly, 616.314) have been compiled and adopted by the Fédération Dentaire Internationale and show the stages of subdivision considered necessary to their bibliographies. They serve as examples for the use of auxiliaries in the other divisions.

NOTES ON AUXILIARY SIGNS AND SUBDIVISIONS*

Colon sign of relation. To prevent scattering of information on important recurrent concepts and for general ease of cross reference, maximum use of the colon (rather than auxiliary numbers) is recommended, especially for published abstracts, bibliographies or other documents with a wide circulation.

This necessitates a longer notation however, and for libraries or private collections with adequate alphabetical subject indexes, the use of suitable auxiliary numbers, where available, may provide a simpler and more convenient solution.

Common auxiliaries. The common subdivisions of language=, form (0...), place (1/9), time '...', and point of view ...00..., given in the tables of auxiliary signs and subdivisions* are all applicable throughout the whole of UDC 616 but should only be used to express concepts not otherwise provided for in the schedule.

EXPLANATION OF OTHER SYMBOLS USED IN THE SCHEDULE

The arrow → is used to mean either 'see' or 'see also' according to the context and form of reference.

* The phrase 'auxiliary signs and subdivisions' is often abbreviated to 'auxiliaries'. Further information about the common auxiliary signs and subdivisions may be found in:

BS 1000A: 1961 'Universal Decimal Classification: Abridged English Edition'. Contains tables of the auxiliaries and brief notes about their use as well as a general introduction to the UDC and an abridgment of the whole scheme.

BS 1000C: 1963 'Guide to the Universal Decimal Classification (UDC)'. Among other things, gives detailed information about the significance and use of the auxiliaries.

UDC 616 Pathology

SCHEDULE

Special Auxiliary Subdivisions

616-001/-099 Special Auxiliaries

616-001 TRAUMATA

616-001.1 TRAUMATA DUE TO VARIOUS PHYSICAL AGENTS

- .11 Sudden difference in pressure. Increased atmospheric pressure. Caisson disease. Compressed air. Excess atmospheric pressure
- .12 Reduced atmospheric pressure (aviation sickness)
- .14 Light: general effect
- .15 Light: local effect
- .16 Heat: general effect. Sunstroke. Heatstroke
- .166 Ignisation
- .17 Heat: local effect. Burns
- .18 Cold: general effect
- .186 Freezing of the entire body
- .19 Cold: local effect (frostbite of individual parts of the body)

616-001.2 ELECTRICAL AND RADIATION INJURIES

- .21 Electricity. Lightning. Electrocutation. Electric shock: general effect
- .22 Electric shock: local effect
- .26 X-rays: general effect
- .27 X-rays: local effect. X-ray dermatitis
- .28 Radium. Mesothorium and similar substances: general effect. Radium-sensitivity
- .29 Radium. Mesothorium and similar substances: local effect

616-001.3 TRAUMATA DUE TO VARIOUS CAUSES

- .31 Contusion
- .32 Injury caused by crushing. Crush syndrome (reflexory anuria following the effects of a bomb)
→616.631.14 Anuria
- .33 Stretching. Distension
- .34 Commotio. Concussion
- .35 Compression. Throttling. Strangulation by tourniquet
- .36 Shock. Traumatic shock
e.g. 616-001.36-02:616.089 Operative shock
- .365 Prolapse. Protrusion
- .37 Effects of caustic and corrosive agents and chemicals in general
Subdivide by -02:615.7
- .39 Unexpected new findings (particularly as operative complication)

616-001.4 WOUNDS. INJURIES

- 001.5 Perforated wounds. Penetrating wounds
- 002 Inflammation of wounds
- 039.22 Numb, flaccid wounds. Persistence, continuance of operative wounds
- .41 Wounds caused by cutting tools. Cuts
- .42 Contused wounds
- .425 False passages
- .43 Lacerated wounds. Wounds caused by over-extension and distension. Ruptured wounds. Bites
- .44 Wounds caused by piercing (or by piercing and cutting) instruments. Stab wounds
- .441 Dissection wounds
- .445 Impalement
- .45 Gunshot wounds. Bullet wounds

616-001.46 Wounds with foreign bodies

- 616-003.6 Diseases caused by foreign bodies
- .47 Infected wounds
Subdivide by -02:615.7
- .48 Avulsion. Detachment. Tearing
- .49 Venomous or poisonous bites. Poisoning by venom

616-001.5 FRACTURES. PERFORATING FRACTURES. SPLINTER FRACTURES. BONES BROKEN AS A RESULT OF EXERTION

- 616-007.251 Malformation. Malformation caused by deficiency
- .511 Incomplete, partial, subperiosteal fracture. Greenstick fracture
- .512 Epiphyseal fracture
- .513 Articular fracture
- .514 Compound fracture
- .515 Comminuted fracture, e.g. gunshot fracture
- .516 Fracture with luxation
- .518 Fracture with depression
- .52 Callus. Ossification
- .53 Hypertrophied callus
- .54 Fibrous, cartilaginous, friable, pathological callus
- .55 Deformed callus. Union with overlap
- .56 Callus with synostosis
- .57 Painful callus
- .58 Delayed union
- .59 Pseudoarthrosis. False joint,
e.g. 616.71-001.59-089.23 Prosthesis for pseudoarthrosis

616-001.6 LUXATIONS. DISLOCATIONS. TRAUMATIC DISPLACEMENTS

- For hernias, ptoses, abaissements, deviations, and similar deformities → -007 Malformations
- .61 Internal
- .62 External
- .63 Ventral
- .64 Dorsal
- .65 Upward
- .66 Downward
- .67 Divergent
- .68 Of one bone only

616-001.7 SPRAINS. DIASTASIS. SEPARATION (OF EPIPHYSIS)

616-001.8 ASPHYXIA. SUFFOCATION

- .81 Asphyxia caused by unbreathable, foul air
- .82 Asphyxia caused by non-toxic gases
Asphyxia caused by poisonous gases comes under poisoning :615.7...-099
- .83 Asphyxia by suffocation
- .831 By occlusion of mouth and nose
- .832 By a foreign body in the air passages
→616-003.6 Diseases caused by foreign bodies
- .833 By compression of the thorax
- .834 By burial. By smothering. By confinement in an enclosed space
- .84 Asphyxia by strangulation. Throttling
- .85 Asphyxia by hanging
- .86 Asphyxia by submersion. Drowning

616-002 INFLAMMATION. IRRITATION. PASSIVE
HYPERAEMIA. MUCUS. INFLAMMA-
TORY IRRITATION

- 616.832.9-002 Meningitis, meningomyelitis spinalis
- 008.953-091 Leucocytes in inflammatory conditions.
 - Pathological anatomy
 - 092 Pathological physiology
- 02:616.927 Typhoid inflammation
- :616.931 Diphtheritic inflammation
- :616.954 Glanders inflammation
- :616.959.3 Rhinoscleroma
- 022.7 Bacillus pyocaneus

616-002.1 ACUTE INFLAMMATION

- .151 Haemorrhagic inflammation
- .153 Mucous, catarrhal, mucopurulent inflammation
- .154 Inflammation with copious mucopurulent discharge
- .155 Pseudomembranous, fibrinous, croupous, sero-fibrinous, diphtheritic, serous, exudative, albuminous inflammation
- .156 Exanthematous, erythematous, macular, papular, verrucous, lichenoid, pigmentary, striate inflammation
- .157 Weeping, vesicular, phlyctenular, herpetiform, pemphigoid, aphthous inflammation
- .158 Dry, desquamating, keratinized, exfoliative, psoriasiform, crustaceous inflammation. Non-neoplastic cholesteatoma
- .159 Putrid inflammation
- .16 Parenchymatous, degenerative, alterative inflammation
- .17 Interstitial, sclerosing, fibrous, retractive, atrophic inflammation
 - Subdivide as 616-004
- .18 Proliferating, hypertrophic, deforming, callous, productive, plastic, obliterative, adhesive, hyperplastic inflammation
- .181 Non-syphilitic condyloma
- .182 Granulation tissue. Proud flesh. Inflammatory tumours. Non-tuberculous sarcoid
- .185 Fungal inflammation
- .188 Inflammation with depigmentation
- .189 Non-syphilitic leucoplakia. Leukokeratosis
- .191 Granular, follicular, sebaceous, cystic, vesicular inflammation
- .192 Nodular inflammation, in forms of gummata or tubercles
- .193 Spasmodic inflammation
- .194 Mucomembranous inflammation
- .195 Lacunar inflammation
- .196 Inflammation en plaques
- .197 Painful inflammation
- .198 Rizziform, non-tubercular inflammation

616-002.2 CHRONIC INFLAMMATION

Subdivide as 616-002.1

616-002.3 PURULENT INFLAMMATION. PURULENT
EFFUSION. ABSCESS. PYOSIS. SUPPURA-
TION

- .31 Acute suppuration. Hot abscess
- .32 Chronic suppuration. Chronic abscess
- .33 Pustules. Pustular, variolar, acneform, impetiginous inflammation
- .34 Boils, furuncles
- .35 Carbuncles. Anthrax carbuncles
- .36 Phlegmonous abscesses
- .364 Gas (bronzed) phlegmon. Gas gangrene. Gangrenous emphysema. Erysipelas. St. Francis's disease. Gas septicaemia
- .365 Ligneous phlegmon
- .37 Exudative and gaseous suppuration

616-002.4 GANGRENE. THANATOSIS. ESCHAR.
SEQUESTER. NECROBIOSIS.
NECROSIS. SPHACELUS. COLD
GANGRENE. COLLIQUATION.
CARIES, BONE DECAY

- 616-004 Sclerosis. Induration
- 616-091.1-008.939.3 Putrefaction of cadavers
- 616.314-002 Dental caries
- 616.8-009.864 Vasomotor gangrene (nervous)
- 02:616.005.7 Gangrene due to embolism
- :616.13 Pott's gangrene, senile gangrene due to arteritis
- .41 Caseation
- .42 Gangrene. Dry gangrene. Mummification. Necrosis
- .43 Fatty necrosis
- .44 Ulcers
 - 008.8 Discharge from ulcers
- .443 Serpiginous, progressive gangrene
- .444 Vegetating gangrene
- .445 Ulcero-membranous gangrene
- .446 Excoriations, partial exposure of the true skin. Erosions, superficial loss of tissue. Fissures. Chaps. Crevices. Clefts. Rhagades. Parchment-like plaques, patches
- .447 Crusts. Scabs
- .448 Ecthyma. Rupia
- .45 Perforating ulcer
- .46 Decubitus. Bed sore

616-002.5 TUBERCULOUS LESIONS. TUBERCULOSIS

- 021.1 Diathetic, constitutional, visceral tuberculosis
- 056.7 Hereditary factors
 - 616-056.44 Lymphatic temperament
- .51 Acute tuberculous lesions
- .511 Miliary tuberculosis
- .516 Typhobacillosis tuberculosa
- .52 Chronic tuberculous lesions
- .524 Lupus
- .525 Paratuberculosis. Metatuberculosis
- .53 Cold tubercular abscess. Congestive abscess. Tuberculous suppuration
 - 072.53 Tuberculous fistula
- .531 Acute tuberculous abscess
- .54 Tuberculous ulceration, caries, necrosis
- .541 Tuberculous caseation
- .551/.559 Subdivide as -002.151/.159
- .555 Pseudomembranous, fibrinous, croupous, sero-fibrinous, diphtheritic tuberculosis
- .556 Exanthematous tuberculosis. Erythematous tuberculosis. Macular, papular, verrucous, lichenoid, pigmentary, striate tuberculosis
- .56 Parenchymatous, alterative, degenerative tuberculosis
- .57 Interstitial, sclerosing, atrophic tuberculosis
- .58 Proliferating, hypertrophic, deforming, callous, productive, plastic, obliterative, adhesive, hyperplastic tuberculosis
- .582 Tuberculous sarcoid
- .585 Fungoid tuberculosis
- .592 Tuberculous gummata. Tuberculomata
- .598 Rizziform tuberculosis

616-002.6 SYPHILIS. SYPHILIDES. SYPHILITIC RASH

- 02:615.739.116 Neurorelapse after salvarsan treatment
- 036.65-02:616-085 Herxheimer reaction. Jarisch-Herxheimer reaction
- 037.1 Acute syphilis
- 056.7 Hereditary syphilis. Congenital syphilis
 - .716 Transmission from mother to foetus. Profeta's law

616-002.6-056.717 Transmission from foetus to mother.

- Colles' law, Baumés' law
- .72 Second generation hereditary syphilis
- 078.097-02:616-002.5 Reactions to tuberculin
- .621 Primary syphilis. Chancre. Primary sore
- .622 Secondary syphilis
- .623 Tertiary syphilis
- .625 Parasyphilis. Metasyphilis
- .63 Suppurative, pustular, variolar, acneform, impetiginous syphilis
- .64 Ulcerative, gangrenous syphilis. Syphilitic gangrene. Mortification. Scarring. Sequester. Necrobiosis. Necrosis. Sphacelus. Caries
- .641 Syphilitic caseation
- .643 Serpiginous syphilitic sore
- .644 Vegetating syphilitic sore
- .645 Ulcero-membranous syphilitic sore
- .646 Syphilitic excoriations. Erosions. Fissures. Rhagades
- .648 Syphilitic ecthyma. Syphilitic rupia
- .651 Haemorrhagic syphilis. Vascular syphilis
- .653 Syphilis of the mucosa
- .655 Pseudomembranous, fibrinous, croupous, sero-fibrinous, diphtheritic, exudative, serous syphilis
- .656 Exanthematous, erythematous, macular, papular, verrucous, lichenoid, pigmentary, punctate, striate syphilis. Syphilitic roseola
- .657 Weeping, vesicular, phlyctenular, herpetiform, pemphigoid, aphthous syphilis
- .658 Dry, desquamating, keratinized, exfoliative, psoriasiform, crustaceous, threadlike, rupiate syphilis
- .659 Putrid syphilis
- .66 Parenchymatous, degenerative, alterative syphilis
- .67 Interstitial, sclerosing, atrophic syphilis
- .68 Proliferating, hypertrophic, deforming, callous, productive, plastic, hyperplastic syphilis
- .681 Syphilitic condyloma
- .682 Syphilitic sarcoid
- .685 Fungoid syphilis
- .687 Mucous plaques. Opaline plaques
- .688 Syphilis with depigmentation
- .689 Syphilitic leucoplakia. Leucokeratosis
- .691 Granular, follicular, cystic syphilis
- .692 Syphilitic gummata

616-002.7 GRANULOMATOUS AND NODULAR INFLAMMATION

- 616-002.582 Tuberculous sarcoid
- 616-006.442 Neoplastic granulomas
- .71 Pseudotuberculosis
 - For paratuberculosis. Metatuberculosis
 - 616-002.525
 - 616.982.2 Mycobacterial infections
 - 616.983 Chlamydobacterial infections
- .72 Mycosis (granuloma) fungoides
- .73 Leprosy. Leproma
 - 616.5-002.73 Skin leprosy
 - 616.8-002.73 Neural leprosy
 - 616.982.213 Bacillus leprae infections
- .77 Rheumatism
 - For articular rheumatism, acute and chronic
 - 616.72-002.77
- .771 Acute rheumatism
- .772 Chronic rheumatism
- .773 Simple, chronic rheumatism. Fibrous chronic rheumatism. Rheumatic nodules
- .775 Chronic, nodose, deforming rheumatism
- .776 Partial chronic rheumatism
- .78 Gout
- .781 Acute gout
- .782 Chronic gout
 - 616.153.49 Retention uraemia
 - 616.153.857 Uricaemia
 - 616.72-003.78 Auricular gout

616-002.8 LESIONS DUE TO PLANT PARASITES

- Subdivide as 58
- 616-008.98 Carriers of plant parasites
- .828 Fungal or mycotic inflammation

616-002.9 LESIONS DUE TO ANIMAL PARASITES. PARASITIC CYSTS

- 616-008.99 Carriers of animal parasites
- Subdivide as 59
- 616-001.49 Bites of venomous animals
- .91 Endozoa, endoparasitic lesions
- .92 Ectozoa, ectoparasitic lesions
- .95 Helminthic lesions
- .951.21 Cestoid lesions
 - Subdivide further by the Latin name of the cestode
- .22 Trematode lesions
- .3 Nematode lesions
- .5 Hirudinal lesions
- .952 Arthropodal lesions
- .954 Arachnidan lesions
- .957 Insectile lesions

616-003 REGRESSIVE LESIONS

616-003.2 DISCHARGE. TRANSUDATE. EXUDATION. INFILTRATION. SPONTANEOUS DEPLETION. ELIMINATION. SECRETION

- 616-002.1 Acute inflammation
- 616-002.3 Purulent inflammation
- 616-003.8 Anatomical degeneration
- 616-007.2 Malformations. Deformities
- .213 Fibrin. Blood clot
- .214 Ecchymosis
- .215 Blood. Blood plasma. Haematoma. Blood tumour
 - 616-005.1 Haemorrhage
- .217 Serum. Serous matter
- .218 Mucus. Mucous matter
- .219 Gaseous discharge
- .224 Sputum, expectoration
- .231 Saliva
- .233 Gastric juice. Chyme
- .234 Intestinal juice
- .235 Faeces. Faecal matter
- .236 Bile
- .237 Pancreatic juice
- .24 Lymph. Chyle. Lymphocele
- .261 Urine. Urinary infiltration, abscess, phlegmon, infection. Tumours. Allantois
- .262 Prostatic fluid
- .263 Semen (sperm)
- .264 Vulvo-vaginal fluid
- .265 Menstrual discharge
- .266 Amniotic fluid
- .267 Lochia
- .268 Colostrum
- .269 Milk. Lacteal fluid
- .273 Sebum. Sebaceous matter
- .274 Sweat, perspiration, sudorific matter
- .279 Fat. Oily discharge
- .282 Cerebrospinal fluid
- .283 Aqueous humour. Vitreous humour
- .284 Tears. Lachrymal discharge
- .285 Cerumen
- .291 Vernix caseosa
- .292 Meconium

616-003.4 SIMPLE RETENTION CYSTS

- Subdivide as 616-003.2
- For cysts of neoplastic origin, →616-006, e.g
- 616-006.2 Dermoid cysts

616-003.6 DISEASES CAUSED BY FOREIGN BODIES (GRIT, DUST, ETC.). EXOGENOUS FIBROSIS AND PIGMENTATION. PNEUMOCONIOSIS, POTTER'S ASTHMA, MASON'S LUNG

- 007.285 Spontaneous elimination of foreign bodies
Subdivide as 616-008.8
- .05 Pigmentation. Coloration or discoloration
→616-003.829 Autogenous pigmentation
- .07 Coniofibrosis. Induration due to foreign bodies
- .61 Solid objects. Articles. Fragments (irrespective of chemical composition)
Specify further by colon, e.g.
.688.2 Buttons
- .611 Flat objects, e.g. coins, buttons
- .612 Long, thin objects, e.g. bolts, nails, wire
- .613 Round, spherical objects, e.g. beads, marbles
- .614 Cubic or angular objects, e.g. dice, nuts
- .62 Inorganic deposits. Sediments. Grit (excluding dust)
Subdivide as 546, e.g.
- .622.6 Carbon. Graphite
→616-003.661 Anthracosis, miner's lung
- .625.7 Silver. Argyria
- .627.2 Iron or steel, e.g. filings
→616-003.669 Siderosis
- .63 Organic deposits. Sediments. Grit (excluding dust)
- .66 Inorganic dusts. Silicosis. Anthracosilicosis
Subdivide as 553.6 (except 553.661), e.g.
- .661 Anthracosis (miner's phthisis, miner's lung)
→616-003.67 Organic dusts
- .662 Silicosis. Chalicosis. Grinder's disease. Grinder's asthma. Pneumoconiosis, potter's asthma, mason's lung
- .663.4 Fluorosis
- .5 Gypsosis
- .665 Aluminosis
- .666.2 Seleniosis
- .667.3 Talcosis
- .6 Asbestosis
- .669 Metallic dusts, e.g. Siderosis
Subdivide, if necessary as 669
- .67 Organic dusts
Subdivide, if necessary as 547.2/.9
- .68 Organic dusts of plant origin
- .681 Cotton fibre or similar dusts. Byssinosis
Subdivide as 633.51
- .682 Flax, hemp and similar dusts. Cannabiosis
Subdivide as 633.52
- .684 Tabacosis
- .688 Dusts of other specific plants
Subdivide, if necessary, as 582
- .69 Organic dusts of animal origin
- .692 From feathers, e.g. Ptilosis (ostrich feathers)
- .693/.699 From specific parts of animals
Subdivide, if necessary as 593/599

616-003.7 CONCRETIONS. CALCULI. LITHIASIS

- 007.41 Movements of a calculus
- .72 Inorganic concretions and calculi
- .725 Biological agents
Subdivide as 577.15
- .73 Organic concretions and calculi
- .731 Zymotic concretions and calculi
Specific enzymes are denoted by 577.15
- .74/.79 Other materials
Subdivide as 616-008.84/.89
- .74 Concretions caused by organic bodies
Subdivide as 616-008.84, e.g.
- .747.2 Hairballs. Trichobezoars
- .755 Casts. Urinary casts, urinary cylinders, tube casts, renal casts

616-003.8 ANATOMICAL DEGENERATION

- .811 Granular degeneration. Albuminous degeneration. Cloudy swellings
- .812 Microscopic fragmentation
- .813 Aqueous, hydropic, vacuolar degeneration. Vacuolation
- .821 Amyloid degeneration. Amyloidosis
- .822 Colloid degeneration
- .823 Hyaline, glassy, waxy degeneration
- .825 Mucous degeneration. Mucoid degeneration
- .826 Fatty, lipid degeneration and infiltration. Steatosis. Adipose degeneration. Lipomatosis. Xanthomatosis.
- .1 Cholesteatoma
- .828 Fibrinous degeneration
- .829 Pigmentary degeneration. Autogenous pigmentation
→616-003.656.6 Exogenous pigmentation
- .1 Pigmentation. Haematogenous pigmentation. Haemosiderosis. Haemochromatosis. Ochre pigmentation
- .3 Biliary pigmentation
- .5 Melanin pigmentation. Melanosis. Nigrities
- .7 Ochronosis. Lutein. Haemofuscone pigmentation
- .8 Depigmentation. Albinism. Leucopathy
- .83 Glycogenic or carbohydrate degeneration and infiltration
- .84 Deposits, infiltration, degeneration caused by calcareous or other inorganic materials. Calcification. Calcareous degeneration, earthy degeneration
→616-008.9 Diseased metabolism. Disturbances of nutritional metabolism of the chemical constitution of the organs
- .85 Decalcification
- .86 Deposits, infiltration of uric acid, urates and other organic substances
- .87 Horny degeneration. Keratosis

616-003.9 CICATRIZATION. ORGANIZATION. REGENERATION

- .92 Scars. Cicatrices
- .921 Nacreous patches
- .922 Livid scars
- .923 Hypertrophic, exuberant scars. Cheloids
- .924 Fragile, friable scars. Pathological scars
- .925 Misshapen, defective, warped, adhering scars
- .927 Painful scars
- .93 Regeneration. Renewal of tissue.
- .935 Heteromorphic regeneration. Heteromorphosis
- .94 Encapsulation. Encystment
- .95 Resorption. Absorption
- .96 Adaptation. Histological modification
- .971 Haemopoietic function of an organ
- .972 Metaplasia, heteroplasia
- .973 Pathological chondrification
- .974 Pathological ossification
- .978 Anaplasia. Cataplasia
- .98 Gliosis. Gliomatosis

616-004 SCLEROSIS. INDURATION

- 616-002.17 Interstitial, sclerosing inflammation

616-004.6 ARTERIOSCLEROSIS, LOCAL LESIONS

- e.g. 616.61-004.6 Arteriosclerotic kidney

616-004.8 LACUANAEE. DISINTEGRATION. ETAT CRIBLÉ. STATUS CRIBRALIS. STATUS CRIBROSUS

616-005 CIRCULATORY DISORDERS

Only the local circulatory disorders are classified here. For general circulatory disorders →616.12

616-005.1 HAEMORRHAGE

–08 Haemostasis. Venous hyperaemia

616-005.2 CONGESTION. ACTIVE, ARTERIAL SPEEDING OF THE CIRCULATION

616-005.3 PASSIVE VENOUS STASIS. SLOWING OF THE CIRCULATION

616-005.4 ANAEMIA. LOCAL ISCHAEMIA: CESSATION OF BLOOD SUPPLY

616-005.5 COLLATERAL CIRCULATION

616-005.6 THROMBOSIS

616-005.7 EMBOLISMS

Subdivide as 616-008.8

–014 Aseptic, sterile embolisms

–022 Septic, bacterial embolisms

.8 Phytogenic embolisms

.9 Zoogenic embolisms

–031.68 Retrograde embolisms

.73/.75 Different kinds of embolisms

.741.9 Gas or air embolisms

.749.4 Medicament or drug embolisms

.754 Cellular embolisms (caused by tissue fragments)

.6 Neoplastic embolisms

.755 Fibrinous embolisms

.757.6 Fat embolisms

.8 Foreign body embolisms

616-005.8 INFARCTION

616-005.9 DISTURBANCES OF THE LYMPHATIC SYSTEM

.91 Lymphorrhagia. Lymphorrhea

.93 Lymphostasis

.96 Elephantiasis

.98 Oedema. Hydrops. Dropsy. Anasarca

→616.8–009.852 Trophic oedema

616-006 TUMOURS. NEOPLASMS. BLASTOMATA. CHORISTOMATA. HAMATOMATA. ONCOLOGY (STUDY OF TUMOURS)

→616-002.9 Parasitic cysts

→616-003.4 Simple retention cysts

.03 Benign, simple or innocent tumours in general

→616-006.5 Benign epithelial tumours

.04 Malignant tumours in general

→616-006.6 Malignant epithelial tumours

616-006.2 TUMOURS OF DEVELOPMENTAL OR EMBRYONIC ORIGIN: TERATOMATA, DERMOID CYSTS, ETC.

.03 Benign teratomata. Simple dermoid cysts. Donto-
mata

.04 Malignant teratomata. Embryomata. Teratoid
cysts

.25 Epidermoids. Paril tumours. Keloids. Other cysts
of traumatic origin

616-006.3 TUMOURS DERIVED FROM NON-HAEMOPOIETIC MESENCHYMAL TISSUE, INCLUDING SARCOMATA

.03 Benign tumours from non-haemopoietic mesenchy-
mal tissue, in general

.04 Malignant tumours from non-haemopoietic mesen-
chymal tissue. Sarcomata in general
→616-006.444 Lymphosarcomata

616-006.31 Angiomata. Angioblastomata. Angioblastic
meningioma. Fibroangiomata. Angiofibro-
mata. Telangiectatic fibromata. Fibromata
cavernosa. Myxofibroangiomata. Haemangio-
mata. Haemolymphangiomata. Naevi. Caver-
nous angiomata. Tumours. Angiosarcomata
→616.16–007.64 Telangiectasis. Angiomata
simplex

.311 Haemangiomata. Haemangiosarcomata

.03 Haemangiomata. Cavernous angiomata.
Cavernomata. Cavernous haemangiomata.
Cavernous tumours. Erectile tumours.
Naevi cavernosi. Strawberry naevi

.04 Haemangiosarcomata

.312 Glomangiomata. Glomus tumours

.314 Lymphangiomata. Angiolymphomata. Angiomata
lymphaticum. Lymphatic naevi. Serous,
congenital cysts. Congenital hygromata.
Lymphatic telangiectasis. Lymphangio-
sarcomata

.03 Lymphangiomata. Cystic hygromata. Congeni-
tal hygromata

.04 Lymphangiosarcomata

.32 Endotheliomata. Mesotheliomata

.03 Benign

.04 Malignant

.325 Myxomata. Mucous tumours. Collenomata.
Gelatinous polyps. Gelatinous tumours.
Colloid tumours. Myxoblastomata. Hae-
mangioelastomyxomata. Myxosarcomata,
myxomata sarcomatosum

.03 Myxomata

.04 Myxosarcomata

.326 Lipomata. Adipomata. Lipoblastomata. Lipo-
matosis. Lipofibromata. Lipomata fibro-
sa. Lipomyxomata. Lipochondromata.
Angiolipomata. Fibrolipomata. Myxolipo-
mata. Chondrolipomata. Lipomyomata.
Steatomata. Collenomata myxomata. Lipo-
sarcomata

.03 Lipomata

.04 Liposarcomata

.327 Fibromata. Fibroblastomata. Fibromatosis.
Corpus fibrosum, connective tissue. Fibro-
osteomata. Myxofibromata, fibromyxomata.
Mucous connective tissue tumours. Fibro-
mata dura, dermatomata lenticulare.
Dermatofibromata. Mollusci. Soft fibro-
mata. Fibrosarcomata

.03 Fibromata

.04 Fibrosarcomata

.328 Meningioma. Angioblastic meningioma

.33 Chondromata. Chondromblastomata. Enchondro-
mata. Echondromata. Chondrofibromata,
fibrochondromata. Osteochondromata. Myxo-
chondromata, chondromyxomata. Chondro-
sarcomata

→616-003.973 Chondrification

.03 Chondromata

.04 Chondrosarcomata

.34 Osteomata. Osteonci. Osteogenic osteoblastomata.
Osteosarcomata. Exostosis. Hyperostosis.
Enostosis. Entostosis. Osteophytes. Osteo-
phytoma

→616-003.974

→616.71–018.44–002.28 Ossification

Osteophytes, osteophytoma

→616.71–018.44–002.6 Syphilitic periostitis.
Osteoperiostitis

.03 Osteomata

.04 Osteosarcomata. Osteogenic sarcomata
→616-006.83 Ewing's tumour

.342 Osteoclastomata

.35 Synoviomata

- 616-006.35.03 Benign
 .04 Malignant
- .36 Myomata. Muscular tumours. Myoblastomata. Sarcoblastomata. Sarcogenic cell. Rhabdomyomata. Leiomyomata. Angiomyomata. Myosarcomata
- .361 Myoblastomata
- .363 Leiomyomata. Fibromyomata. Leiomyosarcomata
- .03 Leiomyomata. Fibromyomata
- .04 Leiomyosarcomata
- .364 Rhabdomyomata. Rhabdomyosarcomata
- .03 Rhabdomyomata
- .04 Rhabdomyosarcomata
- .38 Endoneurial and perineurial tumours
 →616-006.48 Tumours of neural tissue
- .03 Neurofibromata. Von Recklinghausen's disease
- .04 Neurofibrosarcomata
- .385 Neurilemmomata. Schwannomata
- .39 Other tumours of the non-haemopoietic mesenchymal tissue. Other connective tissue tumours
- 616-006.4 HAEMOPOIETIC TUMOURS AND TUMOURS OF THE NERVOUS TISSUE
- .43 Tumours of erythropoietic tissue
- .432 Neoplastic erythroblastosis (Erythroblastomata). Erythraemia (from the oncological point of view)
 →616.155.191 Erythrocytosis
- .44 Tumours of lymphoid and reticular tissue
- .03 Benign
- .441 Lymphomata. Lymphocytomata. Lymphocytoblastomata. Lymphadenomata. Adenolymphomata. Leucocytomata. Lymphadenomatosis. Lymphomatosis
- .442 Pseudoleukaemia. Adenia. Lymphadenia. Inflammation of the lymphatic glands. Hodgkin's disease. Billroth's disease. Ebstein-Pel disease. Sternberg's disease. Anaemia lymphatica. Cachexia lymphatica. Lymphogranulomatosis maligna. Lymphomatosis granulomatosa. Lymphoma malignum. Murchison-Sanderson syndrome
 →616-002.7 Granulomatous and nodular inflammation
- .443 Granulomata. Malignant granulomata. Lymphogranulomatosis. Paltauf-Sternberg disease. Various reticuloses, *e.g.* Mycosis fungoides Letterer-Siwe syndrome (only oncological aspect)
- .04 Reticulosarcomata
- .444 Lymphosarcomata. Lymphoblastic sarcomata. Lymphosarcomatosis. Leucosarcomatosis
- .446 Leukaemia (oncological aspect)
Subdivide as 616.155.392
- .2 Lymphatic leukaemia
- .3 Monocytic leukaemia
- .8 Myeloid leukaemia
- .447 Plasmocytomata
- .448 Myelomata. Myelocytomata. Myelocytoblastomata. Myelomatosis. Myelosarcomata. Myeloblastic sarcomata. Myelosarcomatosis
- .449 Chloromata. Balfour's disease. Chlorosarcomata. Chloroleukaemia. Green cancer. Chloromyelomata. Aran's green cancer. Chlorolymphomata. Chloroleucosarcomatosis. Chloromyelosarcomatosis
- .48 Tumours of neural tissue
- .482 Medulloblastomata. Neuroepitheliomata
- .483 Ependymomata
- .484 Gliomata
- .03 Astrocytomata. Oligodendrogliomata
- .04 Glioblastomata multiformia. Astroblastomata
- .486 Ganglioneuromata
- .487 Neuroblastomata. Neurocytomata. Retinoblastomata

- 616-006.488 Chrominaffinomata. Paragangliomata. Phaeochromocytomata. Carotid body tumour

616-006.5 BENIGN EPITHELIAL TUMOURS. PAPILLOMATA. ADENOMATA. POLYPS.

- 031.81 Multiple polyps. Polyposis
- .52 Papillomata. Dendritic cancer
- .522 Squamous-cell type
- .524 Transitional-cell type
- .526 Columnar-cell type. Adenomatous polyp
- .55 Adenomata
 →616-006.66 Adenocarcinomata. Columnar-cell carcinomata
- .552 Fibroadenomata
- .555 Cystadenomata. Cystomata
- .556 Papilliferous cystadenomata
- .557 Pseudomucinous cystadenomata

616-006.6 MALIGNANT EPITHELIAL TUMOURS. CANCER. CARCINOMATA

- 031.81 Multicentric
- .61 Squamous carcinomata
- .62 Transitional-cell carcinomata
- .63 Basal-cell carcinomata. Cylindrical carcinomata. Rodent ulcers
- .632 Parabuccal tumours. Mixed tumours of parotid
- .634 Enameloblastomata. Adamantinomata
- .64 Scirrhus cancer
- .65 Anaplastic (medullary) carcinomata
- .66 Adenocarcinomata. Columnar-cell carcinomata
- .67 Cystadenocarcinomata (papillary)
- .68 Carcinosarcomata
- .694 Hypernephromata (Grawitz's tumour)
- .699 Other malignant epithelial tumours

616-006.8 TUMOURS OF SPECIAL TYPES

- .81 Melanomata
- .03 Benign melanomata. Pigmented moles or naevi
- .04 Malignant melanomata. Melanosarcomata. Melanocarcinomata
- .82 Chordomata
- .83 Ewing's tumours
- .85 Wilms's tumours. Nephroblastomata
- .86 Carcinoid (argentaffin) tumours
- .88 Tumours related to sex and other glandular functions
- .882 Decidual cell tumours
- .03 Deciduomata
- .04 Chorionepitheliomata. Syncytiomata (malignant deciduomata)
- .884 Disgerminomata (of the ovary). Seminomata (of the testis)
- .885 Interstitial-cell tumours
- .03 Benign
- .04 Malignant
- .887 Brenner tumours. Granulosa-cell tumours. Thecomata
- .03 Benign
- .04 Malignant

616-007 DEFECTIVE STRUCTURAL DEVELOPMENT. ABNORMAL HEMITERATA, OVER- OR UNDERSIZED ORGANS. ANOMALIES. TERATOLOGY. CHEMICAL MONSTERS. ABNORMALITIES

- 611-012 Teratology (Anatomy)
- 612.64 Teratology (Physiology)
- 616-007-053.1 Congenital anomalies
- .2-08 Orthopaedics
- 055.9 Hermaphroditism
- 08 Orthomorphia

616-007.1 DEVELOPMENTAL DISORDERS. ANOMALIES. DEVIATIONS OF DEVELOPMENT, EVOLUTION OR GROWTH

- .11 Precocious or premature development. Precocity
- .119 Senilism. Geroderma. Gerodermia. Genitodystrophic geroderma
- .12 Retarded development. Infantilism. Physical backwardness. Arrested growth
 - 02:616.44-008.74 Myxoedematous infantilism
- .13 Non-appearance, failure to develop, e.g. dental inclusion
- .14 Reappearance. Redevelopment
- .15 Histogenetic or tissue-forming disorders
- .16 Involutionary disorders. Retroplasia
- .17 Dystrophies. Dysplasias
- .18 Degeneration (in anthropological sense). Deterioration. Decadence
 - 616.894-8 Mental deterioration
- .19 Physical abnormalities
 - 616.89-008 Psychiatric symptomatology

616-007.2 DEFECTIVE STRUCTURAL DEVELOPMENT. DEFORMITIES

- .21 Agenesis. Stunted growth. Aplasia. Defective development. Hypoplasia. Dwarfism. Nanism. Nanosomia. Microsomia. Shortening
 - 031.4 Hemiatrophy
 - .85 Partial dwarfism. Partial nanism
 - .213 Arrested growth. Arrested development
 - .22 Abnormal persistence of organs or parts
 - .23 Atrophy. Diminution. Wasting. Resorption
 - 02:613.24 Atrophy caused by malnutrition
 - :615 Toxic atrophy
 - :616.001.35 Traumatic (compression) atrophy
 - :616.005.4 Ischaemic atrophy
 - :616.008.65 Disuse atrophy
 - 616-007.26-022 Atrophy as a result of infection
 - 616-009.85 Trophic disorders
 - 616.8-009.5 Muscular atrophy of nervous origin
 - 022 Atrophy as a result of infection
 - .232 Abrasion. Wear. Non-traumatic destruction. Desquamation
 - .233 Malacia. Pathological softening
 - .234 Rarefaction. Porosity. Porosis. Permeability. Erosion
 - .235 Fragility
 - .236 Fenestration
 - .237 Cavitation
 - .24 Deformation. Deformities. Amorphism. Malformation
 - .245 Folds. Plication. Grooves
 - .246 Asymmetry
 - .247 Lobulation
 - .248 Arthropathies
 - 616.72-007.248 Arthropathies, joint diseases
 - .251 Non-traumatic indentations. Perforation. Non-traumatic fissures. Non-traumatic ruptures. Dehiscence. Separation
 - .253 Segmentation. Absence of opening. Fistula
 - .254 Incomplete join. Fissure, cleft
 - 616-002.446 Excoriations. Erosions. Fissures
 - .256 Duplication
 - .26 Insufficiency of an orifice. Dilatation. Distension. Malocclusion
 - .271 Stenosis. Stricture. Narrowing. Contraction. Pinching. Bending. Constriction. Atresia-closure of normal orifice. Obliteration. Imperforation. Lack of normal orifice
 - .272 Obstruction. Occlusion. Closure
 - .274 Adherence. Coalescence. Symphysis. Ankylosis. Fusion. Abnormal suture. Pathological union

- 616-007.281 Atony. Relaxation. Loosening. Effacement. Décollement. Detachment. Denudation. Tractability
- .285 Disappearance. Decay. Expulsion. Elimination. Evacuation. Issue. Spontaneous amputation. Loss. Spontaneous mutilation
 - For Liquids or gases* →616-003.2
- .286 Stump. Pedicle
 - .5 Deformed, or conical stump
 - .7 Painful stump. Amputation neuralgia
- .287 Vacuity
- .288 Atelectasis. Apneumatosi. Collapse of the lung
- .29 Abortion
 - Only in conjunction with 618.31 to denote the abortion of an ectopic pregnancy*
 - 618.39 Abortion

616-007.4 DEVELOPMENTAL ABNORMALITIES OF POSITION. DISPLACEMENT

- Further definition by use of special auxiliaries*
 - 032 with 616
 - e.g. 618.11-007.43-032:611.746 Inguinal protrusion (hernia) of the ovary
- .41 Displacement. Migration. Passage. Penetration. Ectopia. Dystopia. Abnormal abouchement. Abnormal implantation. Aberrant organs
- .415 Heterotopia. Tissue migration. Islands of aberrant tissue
- .42 Ptosis. Blepharoptosis. Collapse
- .43 Hernia. Rupture. Prolapse. Descensus. Eversion. Inversion
- .431 Sliding hernia. Slip hernia. Slipped hernia. Parasaccular hernia
- .432 Reducible hernia
- .433 Irreducible hernia
- .439 Hernial sac
- .44 Invagination. Intussusception. Proptosis
- .45 Heterotaxia. Visceral inversion. Situs inversus viscerum
- .46 Ecstrophy. Exstrophy. Evagination
- .47 Embedding. Inclusion. Impaction. Engagement. Interposition
- .481 Aggregation. Agglomeration
- .483 Interspacing

616-007.5 ORGANIC DEFECTS DUE TO MALORIENTATION, DEVIATION, E.G. CLUB FOOT, CLUB HAND

- .51 Upward
- .52 Downward
- .53 Forward, bowed (Talipes equinus, ante flexion, anteversion)
- .54 Backward, bent back (Talus astragalus. Retroflexion, retroversion. Talipes calcaneus)
- .55 Inward deviation (Talipes varus)
- .56 Outward deviation (Talipes valgus). Lateroflexion. Lateroversion
- .57 Towards the outside of the body: protrusion, bulging
- .58 Towards the inside of the body: depression, hollowing, indentation
- .59 Axial rotation. Volvulus. Torsion

616-007.6 DEVELOPMENTAL ABNORMALITIES OF EXCESS. ABNORMAL ENLARGEMENT

- .61 Hypertrophy. Hyperplasia. Macrosomia. Gigantism
 - 616-005.96 Elephantiasis
- .61-031.4 Hemihypertrophy
 - .85 Partial hypertrophy. Partial Gigantism
 - 616.8-009.51 Muscular hypertrophy of nervous system
- .62 Supernumerary organs, parts, openings
- .63 Dilatation. Widening. Distension
- .64 Ectasia. Stretching. Diverticulum. Diverticulosis

616-007.65 Septum formation. Biloculation. Hourglass formation

- .681 Retraction. Contraction. Excessive tension, rigidity, stiffness
- .683 Abnormal elasticity or springiness
- .685 Abnormal prehensibility

616-007.7 GENERAL PHYSICAL APPEARANCE. MORPHOLOGICAL TYPES. FIGURE. SIZE

- .71 Physical beauty
- .74 Physical deformity. Ugliness
- .75 Hair colour, blondes, brunettes, etc.

616-007.8 COMPOUND, DOUBLE AND AUTOSITIC MONSTERS (TERATOPAGUS, ENSOMPHALUS, MONOMPHALUS, TERATADELPHUS)

- .81 Cephalopagus. Craniopagus. Metopagus. Iniopagus. Acrocephalopagus. Syncephalus
- .82 Cephalo-thoracopagus. Syncephalus. Janiceps. Iniotus. Synotus. Deradelphus. Omphalocephalus. (Octopus janus. Octipes quadriauritus)
- .83 Prosopo-thoracopagus. Hemipagus (Diprosopus. Octipes biauritus. Synapheocephalus)
- .84 Thoracopagus. Etopagus. Sternopagus. Xiphopagus. (Octipes thoracodidymus)
- .85 Ilioxiphopagus. Iliothoracopagus. Psodymus. Derodymus. Xiphodymus. Dicephalus. Gastrodidymus. (Octipes gastrothoracodidymus.) Cephalothoracoileopagus. Synadelphus
- .86 Pygopagus. Diomphalus. Pygoididymus
- .87 Ischiopagus. Scelodidymus
- .88 Incomplete double monsters. Monocephalus. Teratodymus. Diprosopus. Dipygus. Deradelphus. Thoradelphus. Iliadelphus. Sysomus. Psodymus. Mesodidymus. Hemididymus. Xiphodymus. Derodymus. Monosomus. Rhinodymus. Atlodymus. Inidymus. Opodymus
- .89 Triple and quadruple monsters

616-007.9 PARASITIC MONSTERS. UNITARY, AUTOSITIC MONSTERS. TERATOMELUS, TERATOSOMUS, ETC.

→Various organs and parts of the body

- .91 Unitary parasitic monsters. Zoomylians
- .92 Acardiac monsters. Omphalosites. Adelphosites. Parasitic chorio-angiopagus. Amorphous foetus
- .922 Hemiacardiacus. Acardius anceps. Paracephalus. Omacephalus. Hemiacephalus. Pseudocephalus
- .923 Holo-acardius acephalus. Peracephalus. Mylacephalus
- .924 Holo-acardius acormus, pseudocormus. (Cephalidia. Heteroidia)
- .925 Holo-acardius amorphus, pseudomorphus. Anideans
- .93 Double parasitic monstrosities. Heterotypus
- .931 Epicomus. Heteralius. Parasitic craniopagus. Parasitic dicephalus
- .932 Polygnathus. Epignathus. Hypognathus. Agnathus. Polesiognathus. Myognathus. Desmionathus
- .934 Heteropagus. Parasitic thoracopagus
- .935 Heteromorphs. Heteradelphus. Heterodymus. Epigastrius
- .936 Sacral parasites
- .938 Dipygus. Parasitic pygopagus
- .94 Polymelus
- .941 Cephalomelus
- .943 Deromelus
- .944 Gastromelus
- .945 Notomelus
- .948 Pygomelus
- .949 Melomelus
- .95 Endocymus. Dermocymus. Monsters due to inclusion. Foetus in foeto

616-008 FUNCTIONAL AND METABOLIC DISORDERS

616-008.1 SPECIFIC FUNCTION OF THE ORGAN CONCERNED

If necessary sub-divide as -008.6

616-008.2 PULSE. RETENTION. ABNORMAL SOUNDS

- .21 Local pulse. Local pulsations
- .22 Sphincteral disorders
- .222 Incontinence
- .224 Retention
- .28 Abnormal sounds peculiar to an organ. Borborygmus. Bowel noises. Cracking of joints, etc.

616-008.3/.5 VARIOUS FUNCTIONS

These auxiliary numbers can be found under the individual organs

616-008.6 DISORDERS OF SECRETION, EXCRETION, ABSORPTION AND PERMEABILITY. SYNDROME PECULIAR TO AN ORGAN. AUTO-INTOXICATION. FUNCTIONAL REACTIONS. DYSFUNCTION. FUNCTIONAL DISORDERS

- e.g. 616.381-008.6 Peritonism
- 616.44-008.6 Thyroid syndrome
- Syndromes of specific diseases are grouped with the disease.*
- e.g. 616.831.8-009.17 Erb-Goldflam

- syndrome (asthenic bulbar paralysis)
- .61 Increased activity. Overfunction. Excessive response
- .615 Overtaxation. Fatigue of an organ
- .62 Abnormal persistence of a function or activity
- .63 Irregularity. Instability. Abnormal interruption. Dissociation. Perversion. Degeneration of function. Abnormal debility
- .64 Diminished activity. Loss of efficiency. Insufficiency. Inadequacy. Diminished efficiency. Hypoexcitability. Lack of response. Decomensation. Debility of an organ
- .65 Inactivity. Loss of function
- .66 Compensatory, supplementary function or activity

616-008.7 BODY GASES

Subdivide as 008.8
Gas discharge →616-003.219

616-008.8 BODY FLUIDS. PRODUCTS OF SECRETION OR EXCRETION

- 097 Humoral reactions, body fluid reactions in bacteriological sense
- .81 Variations of physical properties
- .811 Quantity. Volume
 - .1 Increase. Retention
 - .2 Continuity, steadiness
 - .3 Irregularity. Instability. Abnormal interruption. Perversion. Degeneration
 - .4 Decrease. Suspension
 - .5 Excessively rapid passage or flow. Acceleration
 - .6 Stasis. Passive hyperaemia. Stagnation. Congestion. Arrest. Slowing. Retention (in excretory outlet, lacuna)
 - .7 Transformation. Conversion
 - .8 Dissolution. Lysis
 - .9 Destruction
- .812 Odour. Smell
- .813 Colour. Hue. Brilliance
- .814 Fluidity. Viscosity. Viscidity
- .815 Coagulation, coagulability

- 616-008.816 Sedimentation. Precipitation
- .817 Density. Concentration
 - .818 Tension. Pressure
 - .819 Electrical and other properties
 - .82 Variations of inorganic constituents
 - Subdivide as 546 Inorganic chemistry*
 - .83 Various organic constituents
 - .831 Enzymes in body fluids
 - .84 Presence of various substances
 - The following subdivisions correspond to those of 611 Anatomy*
 - .841.5 Blood. Blood plasma
 - 616-008.851 Presence of red corpuscles
 - .7 Serum
 - .8 Mucus
 - .9 Gases
 - .842.4 Sputum. Expectoration
 - 616-008.854 Tissue fragments
 - 616-008.855 Clotted fibrin
 - .843.1 Saliva
 - .3 Gastric juice. Chyme
 - 616-008.858.3 Food debris
 - .4 Intestinal juice
 - .5 Faecal matter. Faeces
 - .6 Bile
 - .7 Pancreatic juice
 - .844 Lymph chyle
 - .846.1 Urine
 - 616-008.855 Clotted fibrin
 - .2 Prostatic fluid
 - 616-008.857 Amyloid corpuscles
 - .3 Semen. Seminal fluid
 - 616-008.856.3 Spermatozoa
 - .4 Vulvovaginal fluid
 - .5 Menstrual fluid. Menses
 - .6 Amniotic fluid
 - .7 Lochia
 - .8 Colostrum
 - .9 Milk
 - 616-008.857.9 Fat globules
 - .847.2 Hair
 - .3 Sebaceous matter
 - .4 Sweat. Perspiration
 - .9 Fat
 - 616-008.857.9 Fat globules
 - .848.2 Cerebrospinal fluid
 - 616-003.2 Transudate. Exsudate
 - .3 Aqueous humour. Vitreous humour. Vitreum
 - .4 Tears
 - .5 Cerumen. Earwax
 - .849.1 Vernix caseosa
 - .2 Meconium
 - .3 Pus
 - .4 Drugs
 - .5 Exogenous poisons
 - .85 Presence of other substances
 - .851 Erythrocytes. Red corpuscles. Mematin
 - .1 Macrocytes. Megalocytes. Gigantocytes
 - .2 Microcytes. Abnormally small anisocytes. Red corpuscles of uneven size
 - .3 Poikilocytes
 - .4 Erythroblasts. Nucleated red cells. Normoblasts. Megaloblasts. Gigantoblasts. Microblasts. Abnormally small nucleated red cells
 - .5 Polychromatophilic red cells. Neumann's cells. Granular, punctate, basophilic, hyperchromic, decolorized, anisochromic blood corpuscles. Achromatocytes. Unpigmented red corpuscles. Jolly bodies. Howell-Jolly bodies. Norris's corpuscles. Cabot's rings
 - .7 Isotony. Isotonia
 - .8 Corpuscle resistance and fragility
 - .852 Haematoblasts. Blood platelets. Globus cells. Nucleoids (nucleated thrombocytes). Elementary corpuscles

- 616-008.853 White corpuscles. Leukocytes. Phagocytes
- .11 Iodophil elements
 - .12 Sudanophil elements
 - .2 Lymphocytes. Lymphadenocytes
 - .3 Mononuclear corpuscles. Monocytes. Splenocytes. Marrow cells. Transitional forms. Migratory cells. Turk's irritation cells
 - .4 Polynuclear corpuscles. Neutrophils. Amphophils. Indulinophilic and vesuvophilic pyocytes. Pus corpuscles
 - .5 Eosinophils. Acidophils. Fuchsinophils. Orangeophils. Oxyphils. Pseudo-eosinophils
 - .6 Basophilic clasmatocytes. Lymphogonia. Mast cells. Polyedocytes
 - .7 Plasma cells. Plasmacytes
 - .8 Myelocytes. Giant cells of the bone marrow. Medullocells. Magekaryocytes. Myeloplasts. Myeloplaxes. Osteoclasts. Polykaryocytes
 - .854 Fragments of tissue. Desquamated cells. Elastic fibres
 - .6 Fragments of tumours
 - .855 Coagulated fibrin. Plugs. Casts. Tubes. Filaments. Granulations. Plexuses. Spirals, etc.
 - .856.3 Spermatozoa
 - .6 Foreign bodies
 - .857 Concretions. Amyloid bodies
 - .9 Fat globules
 - .858.1 Crystals
 - .3 Food debris. Detritus
 - .859 Other elements
 - .87 Presence of micro-organisms or bacteria
 - Specify by adding the Latin name*
 - .88 Presence of plant parasites
 - Specify by adding the Latin name*
 - .89 Presence of animal parasites
 - Specify by adding the Latin name*

616-008.9 ORGANS AND TISSUES. METABOLIC BALANCE. DISTURBANCES OF METABOLISM, AND OF CHEMICAL COMPOSITION OF ORGANS AND SYSTEMS

Subdivide as -008.8 and then by -01 to -09

The subdivisions -01 correspond to those at 616-01;

The subdivisions -09 correspond to those at 576.8.09

- .9-097.3 Cell agglutinins. Precipitins. Cytolysins. Proteolysins. Autolysis. Cytolysis. Proteolysis. Cytotoxins. Autocytotoxins
- .4 Cytopoietic bodies
 - .5 Anticytotoxins. Anticytolysins
- .97 Carriers of micro-organisms. Bacteria
- .98 Carriers of plant parasites
- .99 Carriers of animal parasites

616-009 NERVOUS DISORDERS

Nervous disorders in general are classified at 616.8-009

616-009.1 MOTOR DISTURBANCES. DISTURBANCES OF MUSCULAR TONE AND ENERGY

- .11 Paralysis. Paresis
 - 031.4 Hemiplegia
 - .49 Alternate hemiplegia
- .12 Spastic paralysis. Spastic paresis. Contracture. Cramp. Hypertonia. Rigidity. Tonic spasm
- .13 Pseudo-contracture
- .14 Systemic, volitional lameness
- .16 Abnormal mobility. Hypotonia. Atonia. Flaccid paralysis
- .17 Adynamic, asthenic, amyostheic paralysis. Motor debility, fatigue and instability

616-009.2 INVOLUNTARY AND INCOORDINATED MOVEMENTS. DYSKINESIA

- .21 Associated movements
- .24 Convulsions. Contractions. Clonic spasm. Muscular cramps. Motor excitation
- .26 Ataxia
- .27 Incoordination. Dissociation of movements
- .28 Habitual vicious (faulty) movements
- .29 Tics. Rhythmic. Stereotyped gestures

616-009.3 TREMOR. MYOKYMIA. QUIVERING**616-009.5 MUSCULAR HYPERTROPHY AND MUSCULAR ATROPHY OF NERVOUS ORIGIN**

- .51 Hypertrophy
- .53 Pseudohypertrophy
- .55 Atrophy. Anyotrophy

616-009.6 DISTURBANCES OF SENSITIVITY

- .61 Disturbances of the tactile sense
- .611 Hyperaesthesia
- .7 Head's zones
- .612 Persistence of sensation. Delayed perception. Summation of stimuli
- .613 Perversions of sensation. Paraesthesia. Dysaesthesia. Cryaesthesia. Macroaesthesia. Asphalgesia
- .7 Pruritus
- .614 Hypoaesthesia. Loss of sensation. Anaesthesia
- .617 Localized disturbances of sensitivity
- .618 Hair sensibility. Trichoaesthesia
- .62 Disturbances of sensitivity to pain
- .621 Hyperalgesia
- .623 Anaesthesia dolorosa
- .624 Hypoalgesia. Analgesia
- .627 Synalgia. Referred pain
- .63 Heat sensitivity or sensibility
- .631 Thermohyperaesthesia. Hyperthermoaesthesia
- .634 Thermohypoaesthesia. Hypothermoaesthesia. Thermoanaesthesia
- .635 Syringomyelic dissociation
- .64 Electrical sensitivity
- .65 Pressure sensitivity. Density sensitivity. Baraesthesia
- .66 Disturbances of bone sensitivity to vibrations. Pallaesthesia. Osteoaesthesia
- .67 Deepseated muscular and articular sensitivity
- .68 Stereognostic disorders

616-009.7 PAIN. ...-ALGIAS. ...-DYNIAS. TOPOALGIA

- 021.1 Central pain. Visceral pain. Intestinal pain
- 039.13 Periodic, habitual pains
- .31 Pain crises

616-009.8 OTHER DISORDERS

- .81 Reflex disturbances
- .85 Trophic disturbances
- .851 Glossy skin
- .852 Trophoedema. Secretan's disease. Pseudo-elephantiasis
- .853 Analgesic panaris. Panaris analgicum
- .854 Gowers's local panatroph
- .855 Multiple neurotic gangrene
- .86 Vasomotor disturbances. Angioneuroses
- .861 Angiospastic disturbances. Blood vessel cramps. Vasoconstriction
- .862 Vasodilatation
- .863 Acute circumscribed angioneurotic oedema. Quincke's disease
- .864 Neurotic gangrene
- .865 Symmetrical gangrene. Raynaud's disease
- .866 Acrocyanosis

616-009.867 Erythromelalgia. Erythromelia. Acromelalgia

- .5 Erythromelia
- .87 Thermic, thermotactic disorders. Local body heat disturbances
- .88 Reflex disorders. Inhibition

616-01/-09 GENERAL ASPECTS OF PATHOLOGY**616-01 VARIOUS ASPECTS OF DISEASE, PATIENTS AND MEDICAL INTERVENTION**

The following UDC numbers can be used both as main UDC numbers and as special auxiliaries

- 018 Histology. Microscopic anatomy
- Subdivide as 611-018*
- 018.821 Cytoplasm (protoplasm)
- .822 Nucleus
- .823 Centrosomes
- .824 Cell membranes
- .825 Mitosis. Cell division, direct and indirect. Amitosis
- .832 Axis-cylinder

616-02 AETIOLOGY. STUDY OF THE ORIGIN OF DISEASE

The aetiological agent is specified by the use of the colon, e.g.

- 616-02:613.166.3 Diseases caused by the effect of cold
- 616.61-002-02:616.927 Nephritis caused by Salmonellosis (typhoid)
- 616.927-06:616.61-002 Typhoid fever complicated by nephritis

The auxiliary -02 can have the following meanings: Effect of . . . , influence of . . . , side effect on . . . , caused by . . . , as a result of . . . , after . . . , followed by . . . , in conjunction with . . . , as a sign of . . . , due to . . . , brought about by . . .

- :613.1 Pathological lesions caused by meteorological or climatic factors
- :614.8 Pathological lesions resulting from accidents

616-021 VARIOUS DISEASES NOT CAUSED BY LIVING ORGANISMS

- .1 Constitutional organic diseases. General phenomena of a disease
- .2 Physiological, orthostatic functional disorders
- .3 Primary, protopathic, spontaneous, cryptogenic, idiopathic, affections. Diseases of unknown or uncertain origin
- .4 Aseptic affections
- .5 Compensatory affections. Reactive affections
- .6 Artificially induced affections. Experimental affections
- .7 Simulated by . . .

*To be used only as auxiliary.
Subdivide as 615.7.*

616-022 AFFECTIONS CAUSED BY LIVING ORGANISMS. SYMPTOMS CAUSED BY BACTERIA, PARASITES

Only to be used in conjunction with 616.9. Contagious, infectious diseases and diseases caused by poison are placed at 616.9

- e.g. 616.9-036.3 Incubation period of contagious diseases
- 616.9-097.19 Infections caused by poison

616-022.1 Inoculation. Infection. Contamination

- >615.37 Immunization. Preventive inoculation
- >616.9-092.6 Experimental inoculation in man

616-022.1 →616.9-092.9 Experimental inoculation in animals

- 032 Route of infection
- 033 Route of propagation, diffusion
- 034 Route of elimination
- .12 Auto-infection. Auto-inoculation
- .13 Re-infection. Re-inoculation
- .14 Mixed infection. Symbiosis
- .15 Secondary infection
- .16 Contagiosity

616-022.3 Modes of contagion, transmission, infection

- .32 Air-borne
- .33 Soil-borne
- .34 Dust-borne
- .35 Water-borne
- .36 Transmitted through other human beings
 - .613.87 by kissing
- .361 Healthy humans
- .362 Germ carriers
- .363 Infected humans
 - .3 Evacuations. Secretions. Expectoration, etc.
 - .7 Personal belongings, bed linen, clothing
 - .8 Household and household effects
- .366 Convalescents
- .368 Dead bodies. Corpses
- .369 Associates of the patient. Doctor. Nurse
- .371 Public places. Assemblies. Fairs, etc.
- .373 Schools, books, exercise books
- .374 Means of transport
- .375 Travellers. Pilgrims. Emigrants
- .376 Goods and wares. Letters
- .38 Plants. Food
- .39 Animals

616-022.6 Diseases due to unidentified poisons, infections, germs, viruses, etc.

616-022.7/.9 Diseases due to known organisms

Subdivide as 576.85

Add the Latin name of the microbe, plant or animal in brackets. The auxiliaries -022.7 to -022.9 serve only to indicate the cause of diseases which cannot be classed with infectious or parasitic diseases, since they do not fit there. They are used only in the following and similar cases:

- 616-002.5 Tuberculosis
- 616-002.6 Syphilis
- 616-002.71 Pseudotuberculosis
- 616-002.72 Mycosis fungoides
- 616-002.73 Leprosy. Leproma
- 616-002.8 Diseases caused by plant parasites
- 616-002.9 Diseases caused by animal parasites
- 616.9 Contagious diseases

The following method of notation should be used:

- 616-006.6-022 Cancer of parasitic causation

but instead of

- 616.12-02:616-927 Heart disease due to typhoid

the following is better

- 616.12-022.7 (Bac. typhosus)

For general bacteriology and parasitology, particular micro-organisms and particular parasites see 576.8, but for aetiology see 616...-022, for diagnosis see 616...-078; for bacteriology and parasitology of specific illnesses see 616...-022 (Aetiology) and 616...-078 (Diagnosis). For the presence of micro-organisms and parasites in the fluids and tissues of the body → 616-008.8 and 616-008.9. e.g. 576.87 (Bac. typhosus) Typhoid bacillus

616.927-022 Bacteriology of typhoid fever, danger of contagion, mode of transmission, etc.

616.927-078 Bacteriological diagnosis of typhoid fever

616.36-008.8 (Bac. typhosus) Typhoid bacillus in the bile

616.36-008.87 (Bac. typhosus) Typhoid bacillus in the liver

616-022.7 Diseases caused by bacteria, micro-organisms

Subdivide as 576.85

616-022.8 Allergic symptoms caused by plants

- .82 Affections caused by plants
 - Subdivide as 582*
- .85 Affections arranged according to the specific part of the plant
- .852 Mechanical contact with plant hairs or down
 - .2 Skin and intestinal affections caused by contact with ocreate (leaf sheath) and stem hairs of bamboo species
 - .3 Skin affections from contact with the hairs of certain fruits
 - .4 Affections of the mucous membranes from the leaf hairs of the Virginian plane tree (*Platanus occidentalis* L.). Ban on planting plane trees as ornamental trees in streets
 - .5 Skin affections caused by growing indoor primulas (*Primula obconica* Hance). Warning against keeping these plants
- .853 Contact with stinging hairs of plants
 - .2 Contact with stinging hairs of urticaceous plants. Stinging nettles
 - .5 Contact with stinging hairs of *Losaceae*
 - .6 Contact with stinging hairs of *Hydroclaceae*
 - .7 Contact with stinging hairs of *Euphorbiaceae*
- .854 Contact with pollen. Pollen inspiration. Pollinosis
 - .2 Hay fever. Asthmatic symptoms caused by inspiration of pollen dust from grasses and conifers
- .855 Contact with plant juices, sap, latex, gum resin, etc.
 - .2 Eye and skin affections caused by contact with the latex from *Excoecaria agallocha* L.
 - .3 Affections and blindness caused by contact with the latex from *Bohun upas*, *Antiaris toxicaria* Lesch., *Gluta renghas* Linn., or *Semecarpaeae*. Danger of woods which include *Bohun upas*
- .856 Contact with plant thorns
 - .2 Cactus spines
 - .3 Palm spines, Rotang, Sago, Salak, Nibong
 - .4 Thistles and their control
- .857 Contact with milled or ground parts
 - .2 Skin diseases from continual contact with flour. Occupational eczema, baker's itch and preventive measures

616-022.9 Diseases and injuries caused by animals

- 591.65 Harmful animals, zoology
- 591.67 Disease spreading animals, zoology
- 616-022.9 Diseases caused by animal parasites
- 616-022.39 Transmission by animals
- 616.99 Infectious diseases caused by plant and animal parasites

For diseases which have arisen from eating poisonous meat → 613.2-099 linked by colon with the UDC number for the relevant animal from 592/599 Systematic zoology

616-022.91 Classification according to manner of infliction

- .912 Purely mechanical injuries
 - .2 From specially strengthened organs of higher animals
 - .21 Bites of mammals and reptiles. Tooth injuries
 - .22 Beak wounds. Pecks by birds. Eye wounds caused by beak thrusts by heron-type birds (Ardeidae)
 - .23 Wounds from horns or antlers
 - .24 Wounds from rhinoceros horns
 - .25 Hoof or foot blows
 - .253 Sharp hoof blows from deer, antelopes. Claws of kangaroo
 - .254 Hoof blows from horses and other solipeds, bovines, giraffes, etc.
 - .255 Leg blows from ostriches, cassowaries
 - .26 Injuries from claws, talons, tails or wings
 - .263 Claws, spurs or talons
 - .2 Claws of carnivorous animals
 - .3 Talons of birds of prey
 - .4 Claws of anteater
 - .264 Tail blows from reptiles
 - .2 Varanus lizards. Lizards
 - .3 Crocodiles. Spinal fracture
 - .265 Wing blows
 - .2 Swans, doves, gulls, etc., in self-defence or defence of young
 - .3 Eagles, vultures, in order to brush prey off cliff-face
 - .27 Quill injuries from porcupines, hedgehogs, etc.
 - .28 Injuries by crushing
 - .282 Crushing and trampling by elephants, bulls, stags, etc.
 - .283 Squeezing, *e.g.* of child by giant python (*Python reticulatus*)
 - .29 Sword- or saw-fish wounds or wounds from sea-mammals with tusks, *e.g.* narwhals
 - .3 Wounds caused by lower animals
 - .31 Bites of lower animals, *e.g.* water-bugs (*Hydrocorisae*) and similar animals which bite only when touched or attacked

Skin inflammation caused by insect bites, spider bites →616.5-002.957
 - .32 Injuries caused by chitin-protected organs of lower animals
 - .322 By claws or spines of crustaceans (shrimps, crabs, crayfish, etc.)
 - .323 By spines on carapace or thorax of beetles, capricorn beetles, *Cerambycidae* (*e.g.* *Bocera* family), stag beetles, *Lucanidae* (*e.g.* *Lucanus cervus* L.), Gideon beetles, *Xylotropus* species
 - .324 By hardened limbs of curculionides, *e.g.* *Rhyncophorus ferrugineus* F.
 - .33 By mechanical contact with hairs of lower animals, *e.g.* hairs of woolly-bear caterpillars, etc.

For injury from stinging hairs →616-022.913.25

.913 Mechanical injuries combined with injection of toxic or irritating substances or with suction of blood

- .2 Caused by specially strengthened organs of animals
 - .21 By bites from poisonous reptiles
 - .23 By bites or stings of lower animals
 - .232 Injuries caused by the jaw. Bites of millipedes
 - .233 Bites of non-parasitic mites, wood-ticks

*For bites of spiders and insects
→616.5-002.957*

- .234 Injuries by the proboscis, suckers
- .235 Fish-hook injuries
- .24 Injuries from spines of fish, *e.g.* weevers
- .25 Contact with animals with stinging hairs
- .252 Snails. *Limacodidae*: *Belippa*. *Cania*. *Seto-ramthosea*. *Parasa*, etc.

616-022.913.253 Caterpillars. *Lasiocampidae*: *Odonestris*, *Metanastria*, etc. hileud sinakeup, hileud dedes

For Filaceous poison glands →591.141

.26 Cnidoblasts. Jelly-fish. *Medusas*
For Nematocysts →591.141

.27 Leeches

.914 Non-mechanical injuries caused by contact with substances ejected, expectorated or excreted by animals, which can cause injury even without contact with the animal

- .1 Sputum of mammals, expectoration, *e.g.* of llamas
- .2 Sputum or other dejecta of reptiles
- .22 Eye injuries from saliva of the cobra (*Naja tripudians* Merrem)
- .23 Excretions of lizard *Phrynosoma cornutum* Harlaw
- .3 Discomfort caused by birds' excrement thrown out by nestlings
- .4 Glandular secretions of amphibia, *e.g.* toads
- .5 Glandular and other secretions of lower animals
- .52 Skin and eye injuries caused by explosively ejected glandular secretions of beetles, *e.g.* bombardier beetle *Brachinus crepitans* L.
- .53 Eye injuries caused by larval toxins of bugs of *Scutigeridae* family
- .6 Contact with secretions of obnoxious penetrating odour
- .62 Secretions of stinking badger (*Mydaus javanensis* Desmarest)
- .63 Secretions of small carnivora
For Stink glands →591.141
- .64 Penetrating odour of lower animals, *e.g.* bugs, heroptera, etc.

.915 Injuries caused by electrical phenomena on contact with animals

- .2 Contact with electric eels
- .3 Contact with torpedo fish, electric rays

.916 Involuntary or chance injuries caused by animals

- .2 Animal structures
- .22 Eye injuries by contact with exotic spiders' webs
- .3 Eggs or larvae laid sub-cutaneously by non-parasitic insects
- .4 Suffocation of children by animals lying on top of them
- .5 Drowning of divers caught by cuttle-fish, octopuses, etc.
- .6 Drowning or injuries to divers caught between the two halves of certain shellfish, *e.g.* *Tridacna* species
- .7 Insect swarms. Herds of mammals

616-03 VARIOUS FORMS OF DISEASE AND ITS TREATMENT. ADMINISTRATION OF MEDICAMENTS

616-031 LOCALIZATION, DISTRIBUTION OR LIMITATION TO ITS PRESENT SEAT. DISTRIBUTION. ABSORPTION BY . . . , NEUTRALIZED BY . . . , FIXATION BY . . . OR ON . . . , AFFINITY FOR . . . , ARREST IN OR ON . . . , IN . . . , OR ON . . .

- .1 Distribution
 - .12 Double. Bifocal
 - .13 Multiple. Disseminated
 - .14 Multilocular
 - .15 Symmetrical
 - .16 Asymmetrical
 - .19 Abnormal localization
- .2 Spatial localization. Appearance in specific parts of the body
 - .21 High, superior, cephalic
 - .22 Low, inferior, podalic
 - .23 Anterior, ventral. Ante . . . , pre . . .
 - .24 Posterior, dorsal. Retro . . .

- 616-031.25 Internal, median, proximal
 .26 External, lateral, distal
 .3 Regional, or segmental localization
 .31 Limited to a part of the head or neck
 .34 Limited to a part of the trunk
 .37 Limited to part of an upper limb
 .38 Limited to part of a lower limb
 .4 Unilateral localization
 .41 Confined to one side of the head or neck
 .44 Confined to one side of the trunk
 .47 Confined to one arm
 e.g. 616.8-009.11-031.47 Unilateral arm paralysis
 .48 Confined to one leg
 .49 Alternate, or crossed localization
 .5 Bilateral localization (the whole body)
 .51 Occurring in whole head or whole head and neck
 .54 Occurring in whole trunk
 .55 Occurring in three limbs
 .56 Occurring in four limbs
 .57 Occurring in both arms. In the upper body
 .58 Occurring in both legs. In the lower body
 .59 Occurring in the extremities. Acro- . . .
 .6 Localization in relation to affected organ or part
 .61 Central. Deepseated. Sub-, intra-, etc.
 .62 Peripheral. Superficial
 .63 Peri . . .
 In certain circumstances this auxiliary may precede the -001/-009 auxiliary numbers
 e.g. 616.62-002 Cystitis
 616.62-031.63-002 Pericystic disease. Pericystitis
 .64 Para . . . Extra . . . Juxta . . . Sub . . .
 Proceed as for 616-031.63
 .65 Pedicle, hilus, infundibulum of an organ
 Proceed as for 616-031.63
 e.g. 616.61-031.65-006 Tumours of the renal hilus
 .66 Migratory erratic localization
 .67 Ascending or antegrade localization
 .68 Descending or retrograde localization
 .69 Interstitial localization
 →616-002.17 Interstitial inflammation
 .7 Localization in relation to adjacent organs
 .71 Compressing or constrictive process
 .72 Invading, serpiginous process
 .73 Perforating, penetrating, piercing process
 .74 Sympathetic process (*e.g.* sympathetic ophthalmia)
 .75 Exposed process
 .77 Process within a cavity
 .78 Encysted process
 .79 Process at a distance
 .8 Dimensions, extent of disease
 .81 Lesions over the whole body. Generalized, diffuse, total or complete lesions
 .82 Voluminous, subtotal lesions or processes
 .83 Lesions of medium extent. Lobar, pseudolobar lesions
 .84 Localized, restricted, partial, circumscribed, incomplete lesions
 .85 Small, miliary lesions
 .86 Microscopic lesions

616-032 SOURCE. ORIGIN. PATH OF ENTRY OR INTRODUCTION OF PATHOGENIC AGENTS, DRUGS, ETC.

Subdivide as 616-031

- e.g.* 616-032:611.2 Penetration via the respiratory tract
 616-032:611.4 Penetration via the digestive tract
 616-032:611.6 Penetration via the urogenital tract
 616-032:611.77 Penetration via the skin

616-033 ROUTE OF DISSEMINATION OF PATHOGENIC AGENTS, DRUGS, ETC.

- :611-018.725 Dissemination by the canalicular route
 :611-018.91 Dissemination by the blood stream, by the vascular route. Haematogenous route
 :611-018.98 Dissemination via the lymphatics, lymph stream. Lymphogenous route
 .1 Dissemination. Diffusion. Influence on adjacent organs
 .2 Metastasis
 .3 Grafts
 .4/.8 *Subdivide as 616-031.4/.8*

616-034 PATH OF ELIMINATION OF PATHOGENIC AGENTS, DRUGS, ETC.

Subdivide as 616-031

616-035 INDICATIONS. CHOICE OF TREATMENT. OPPORTUNITY (EXPEDIENCY)

→616-08-035 Indications. Choice. Suitability

- .1 Favourable cases. Favourable circumstances, indications. Signs of lack of danger
 .2 Drawbacks. Unfavourable circumstances. Contraindications. Dangers. Errors. Difficulties. Impossibility. Harmfulness. Value. Importance
 e.g. 616-089-035.2 Impossibility of an operation. Inoperable cases
 .3 Abuses
 .4 Precautions
 .7 Mistakes. Prejudices. Technical errors of diagnosis
 .9 Suddenly occurring indications

616-036 EVOLUTION, COURSE, PROGNOSIS OF THE DISEASE AND ITS TREATMENT, ETC.

→616-037 Prognostic aids. Symptoms. Prognostic methods

- .1 Characteristics of the affection. Course. Duration
 .11 Acute attacks
 .111 Supercute, sudden, fulminant, "galloping" affections
 .112 Subacute affections
 .12 Chronic affections
 .13 Recent onsets
 .14 Long-standing affections
 .15 Latent affections. Occult, unrecognized affections
 .16 Transient, ephemeral, abortive, passing affections
 For abortive treatment →616-08-039.72
 .17 Refractory, incoercible, irreducible, pernicious, persistent, torpid, prolonged, malignant, severe, incurable affections
 .18 Mild, attenuated, reducible, benign, curable affections
 .2 Occurrence, outbreak and spread of disease
 Subdivide by means of common subdivisions of Place and Time,
 e.g. 616.932-036(44) "1866" Cholera in France in 1866
 .21 Pandemics. National, endemic, indigenous, regional diseases
 .22 Epidemics. Plagues. Epidemiology
 .23 Sporadic, isolated outbreaks
 .24 Endemic, autochthonous, indigenous diseases
 .25 Exotic, foreign diseases
 .3 Incubation period. Pre . . .
 e.g. 616.24-002.5-036.3 Pretuberculosis of the lungs
 .4 Initial stage of the disease. Onset. Invasion
 e.g. 616.832.9-002-036.4-06:616.8-009.831 Meningitis with comatose onset

616-036.5 Asepsis. Antisepsis

Use always in conjunction with 616-089

- .6 Actual period of the morbid condition or disease
- .62 Refusal of the patient to submit to treatment
- .65 Relapse. Aggravation. Deterioration. Spasmodic deterioration
e.g. 616-002.6-036.65-02:616-085
Herxheimer's reaction
- .66 Temporary improvement, cure or survival
- .7 Maturation
- .8 Final stage. Termination. Consequences. Results. Successes. Setbacks. Failures. Efficacy. Inefficacy. Survival statistics. Mortality in a specific disease.
616...-084 Mortality as a result of a particular disease
- .81 Critical period. Crisis. Lysis or abatement
- .82 Convalescence. Recuperation
- .83 Complete recovery and cure
- .838 Maintenance of results achieved, conservation (in dental treatment)
- .84 Spontaneous recovery
- .85 Delayed recovery. Retarded cure
- .86 Incomplete recovery. Residual weakness. Disabilities. Sequelae. Cripples, invalids, disabled persons, etc.
- .864 Cicatrization. Consolidation
- .865 Examination of the disability
 - .1 Examination for improvement
 - .3 Examination for deterioration
 - .5 Set period before re-examination
- .866 Degree of disability
- .867 Arrest of progress of further recuperation
- .868 Habituation, adaptation (to decreased capabilities)
- .869 Abnormal sequelae
- .87 Relapse. Recurrence
- .875 Consecutive, subsequent accidents, mishaps
- .88 Death
- .882 Death struggle, death agony
-071.2 Facies hippocratica
- .884 Apparent death
- .885 Rapid death
- .886 Sudden death. Unforeseen, unexpected death
- .887 Slow death. Lingered death

616-037 PROGNOSTIC AIDS, SIGNS AND PROCEDURE

Subdivide as 616-07 Diagnosis

e.g. 616.24-002.5-037-097 Tuberculin prognosis of pulmonary tuberculosis
616.24-002.5-037:616-002.79 Prognosis of pulmonary tuberculosis according to the course of fever

616-039 SPECIAL, ABNORMAL, ATYPICAL, ABERRANT HYBRID AND PARADOXICAL FORMS. FALSE . . . , PSEUDO . . . , IN THE FORM OF . . . , PECULIARITIES. VARIATIONS (OF DISEASES AND THEIR TREATMENT)

e.g. 616-006.46-039:616-006.394 Polypiform carcinoma
616-089.82-039.35 Repeated punctures
616-089.82-039.56 Painless punctures
616.833-002-031.14-039:616.832.61 Multiple neuritis simulating locomotor ataxia (pseudotabes, neurotabes, peripheral tabes)
616.921.5-039:611.8 Nervous form of influenza

- .1 Occurrence of disease. Periodicity
- .11 Precocious, early, premature affections
- .12 Retarded, deferred, late affections

616-039.13 Matutinal, diurnal, vesperal, nocturnal, periodic, habitual affections. Affections occurring at fixed times

- .18 Seasonal affections
- .19 Arbitrary affections
- .3 Continuity
- .31 Paroxysmal attacks. Crises. Attacks. (Violent colic, etc.)
- .32 Cyclic affections
- .33 Continuous diseases
- .34 Intermittent attacks. Discontinuous affections
- .35 Repeated, serial, reiterative, recurrent affections
- .36 Gradual, progressive affections
- .37 Labile affections
- .38 Mutation. Transformation of one disease into another
- .4 Frequency
- .41 Frequent, habitual, common affections
- .42 Rare, infrequent, little-known, chance affections
- .5 Manifestation, appearance of disease
- .52 Indistinctly revealed affections, larval forms. Forme fruste
- .53 Isolated, monosymptomatic, diseases. Diseases with only one predominating symptom
- .55 Painful diseases
- .56 Painless diseases
- .57 Ambulatory diseases
- .58 Ataxia-dynamic, ataxodynamic diseases
- .61 Pulsatile affections. Diseases of the pulse and heart beat
- .63 Foetid affections
- .71 Preventive measures
- .72 Abortive measures. Attempt to hinder the course of disease by intensive measures
- .73 Conservative methods
- .74 Provisional, temporary, emergency methods
- .75 Palliative methods. Mitigating methods
- .76 Radical, curative, permanent methods
- .77 Aesthetic methods
- .78 Economic methods

616-05 CHARACTERISTICS OF THE PATIENT (AGE, RACE, SEX, OCCUPATION, CONSTITUTION, ETC.)

616-053 DISEASES AND THEIR TREATMENT ACCORDING TO AGE

- .02 Natural gradation
- .03 Gradation according to working capacity
- .04 Gradation from the legal aspect
- .1 Congenital diseases. Diseases of the foetus and the ovum
Classify preferably under 618.32/.39 except when -053.1 is used as a general auxiliary
- .12 Ovum
- .13 Embryo
- .2 Paediatrics. Diseases of infancy and childhood
 - 056.54 Weaklings. Underdevelopment. Abiotrophic children. Marasmus. Infantile atrophy
 - 083.41 Baths. Personal hygiene
 - .48 Children's clothes
 - .512.5 Children's rooms. Nurseries
 - .75 Transport of children, in arms, in perambulator
 - .79 Sleep. Rest. Rocking
 - 084 Children's welfare. Welfare arrangements for children
- .3 Infants. Babies
 - .31 New-born babies
 - .32 Premature babies
 - .34 Infants less than one week old
 - .35 Infants between one week and one month old
 - .36 Infants between one month and one year old
 - .37 Older (unweaned) infants

616-053.4 Toddlers. Pre-school age

- .5 Children of school age. School diseases
 - 083 School hygiene. Pupils' hygiene
 - 371.7 School hygiene, hygiene instruction
 - 084.3 Inspection of school hygiene
 - 616-007-053.5-084.3 School orthopaedic clinics, welfare
 - 617.7-053.5-084.3 School ophthalmic clinics, welfare
- .6 Puberty. Period of growth and development. Diseases of an organ still in the process of growth or development (e.g. fracture of bone in process of ossification)

- .7 Adolescents. Juveniles. Affections of youth
 - 083 Welfare arrangements for school-leavers

.71 Minors

.8 Adults

- .81 Those who have come of age
- .82 Up to 30 years
- .84 Up to 40 years
- .86 Up to 50 years
- .88 Up to 60 years
- .89 Productive, profitable life (age determined by work disability)

.9 Old age. Senility. Presenility

616-054 ANTHROPOLOGICAL AND ETHNOGRAPHICAL FACTORS IN DISEASE

*Subdivide by (3/9) according to countries or by
(=) according to races as in auxiliary table*

- 071.3 Pathological anthropometric studies
- 084.12 Mortality rates of various races

616-055 SEX INCIDENCE, PARITY, ETC. DISEASES DETERMINED BY SEX

- 084.12 Mortality rates of each sex
- .1 Males
 - 616.69 Sex life and sexual disorders in men
- .2 Females
- .23 Virginal
- .24 Non-virginal
- .25 Nulliparous
- .26 Uniparous
- .27 Biparous
- .28 Multiparous
 - 613.287.2 Wet-nurses
 - 618.17 Sex life of women. Menstruation
 - 618.173 Menopause
 - 618.2 Pregnancy
 - 618.4 Delivery
 - 618.6 Childbed
 - 618.63 Lactation
- .8 Eunuchs. Eunuchoids. Castrates, castroids
- .9 Hermaphrodites. Gynandromorphs. Doubtful or intermediate sex
 - 616.64-007.17 Psuedohermaphroditism (male)
 - 618.1-007.17 Pseudohermaphroditism (female)

616-056 CONSTITUTIONAL FACTORS IN DISEASE. PREDISPOSITION. CONSTITUTION. RESISTANCE

- 576.8-097.1 Virulence. Resistance
- 576.8-097.3 Immunity
- 616-06 Previous illnesses
- .11 Idiosyncrasies. Individual peculiarities, characteristics
- .13 Abnormal reactions
- .16 Dextrality (right-handedness)

616-056.17 Sinistrality (left-handedness)

.18 Ambidexterity

.3 Hypersensitivity. Allergy. Allergic diseases

- 576.8.097.2/.3 Effects on the host organism. Reactions of the host organism

- 616-022.8 Allergic symptoms caused by plants

:616.13-002 Polyarteritis nodosa

:616.211-002.19 Hay fever, allergic rhinitis

:616.248 Asthma

:616.5 Allergic dermatoses

:616.5-002.524 Lupus erythematosus

:616.521 Eczema

.4 Diatheses. Diseases of metabolic imbalance. Dyscrasias. Temperaments. Complexion. Build

For diatheses not specified below see under the disease; for rachitic diatheses see rickets, predisposition to haemorrhoid diatheses

- 616-008.9 Morbid metabolic disturbances

.41 Sanguine temperament

.43 Biliary, or choleric temperament. Biliary, auto-infectious diatheses

.44 Strumous diathesis. Lymphatic, or phlegmatic temperament. Tendency to scrofulosis. Skin and mucous membrane infections

-071.2 Facies scrofulosa. Lymphatism

.45 Arthritism. Constitution with retarded metabolism. Exudative, gouty, rheumatic diatheses. Uric acid diatheses

.455 Exudative diatheses. Czerny's diathesis

.46 Herpetism

.48 Nervous temperament. Neuroticism

.49 Vagotonia. Sympathicotonia

.5 State of nutrition. Body weight. Corpulence. Nutritional and assimilative diseases

- 616-008.9 Morbid metabolic disturbances

.51 Eutrophia, good state of nutrition

.52 Obesity. Adiposity. Excessive corpulence

.527 Adiposis dolorosa. Dercum's disease. Symmetrical lipomatosis dolorosa

.53 Plethora. Polyhaemia

.54 Athrepsia. Deficient nutrition. Debility, weakness, malnutrition

.55 Cachexia. Marasmus. Infantile atrophy

-02:616.639-008.8 Uraemic cachexia

.552 Cachexia. Weakness

.57 Leanness, thinness. Wasting. Emaciation. Autophagy. Consumption

.7 Hereditary diseases. Hereditary disposition. Hereditary taint

- 615.099-056 Heredity with regard to toxins

- 616.8-056.7 Hereditary nervous affections

.71 Heredity in the first generation

.711 Direct and crossed inheritance: mother to son, father to daughter

.713 Consanguineous heredity and marriages

.714 State of parents' health at time of conception

.715 Transmission from father to foetus

.716 Transmission from mother to foetus. Diseases, accidents, emotions of mother during pregnancy

.717 Transmission from foetus to mother

.72 Heredity in the second generation

.73 Remote ancestral inheritance. Atavism. Reversion

.741 Transmission from wet-nurse to infant

.742 Transmission from infant to wet-nurse

.75 Gemellary diseases

.76 Familial diseases

.77 Conjugal diseases. Diseases affecting both partners

.78 Collective diseases. Simultaneous affliction of a community with illness, e.g. Collective suicide

.8 Diseases caused by habits, inclinations

616-057 OCCUPATIONAL AND PROFESSIONAL DISEASES. OCCUPATIONAL MEDICINE

→613.62 Occupational health

- .12 Heavy workers
- .14 Light workers
- .9 Extra-professional diseases

616-058 SOCIAL INCIDENCE OF DISEASE. SOCIAL MEDICINE

Subdivide in conjunction with Class 3 Social sciences and its subdivisions

- .368 Insurance medicine
 - .01 Personal standing
 - .011 Private individual
 - .012 Person with duties and obligations
 - .014 Person with religious duties and obligations
 - .016 Person with chivalrous duties and obligations (dignitaries of orders of chivalry and nobility)
 - .018 Person with military duties and obligations
- .03 Duties or obligations
 - .032 Civic duties
 - .034 Religious duties
 - .036 Chivalrous duties. Knightly rank
 - .038 Military duties

.1 Rich, well-to-do class

.2 Middle class

.3 Working class

Subdivide as 31,

e.g. 616-058.33 Children's diseases due to working conditions

- 083.2 Nutrition of the working classes
- 083.5 Workers' housing

.4 The poor. Individuals receiving National Assistance

→361/362 Public assistance. Social relief

- .51 Beggars. Tramps. Nomads. Gypsies
- .53 Migrants. Aliens
- .55 Criminals. Miscreants
- .56 Exiles. Deportees
- .57 People whose social status has changed
- .58 Adventurers
 - 301.151.58 Asocial instincts. Solitary tendencies
 - 301.162.32 Isolationist tendencies. Strangeness. Adventure, sociology

.8 Family conditions

- .81 Families with children
- .811 Families with numerous children. Large families
- .812 Small families
- .815 The children involved. The children of the patient
- .82 Childless families
- .83 Family status
 - .832 Single
 - .833 Married
 - .834 Remarried
 - .835 Widowed. Widows. Widowers. Orphans
 - .836 Divorced
 - .837 Unmarried couple living together
 - .838 Separated
 - .1 Legally
 - .2 De facto
- .84 Young girls
- .85 Unmarried mothers. Prostitutes, etc.
- .86 Foundlings. Waifs and strays. Illegitimate children. Bastards
- .87 Ill-treated children. Morally neglected children

.9 Classification. Classes. Associations

- :06 Civic status
- :061.12 Scientific associations. Academies

- 616-058.9:061.2 Civic associations
 - :061.238 Trade associations. Commercial associations
 - :2 Religious status
 - :262.2 Congregation
 - :262.3 Diocese
 - :271 Religious order
 - :323.311 Nobility with title
 - :323.311.3 Nobility without title
 - :323.319 Member of an order of chivalry
 - :352 Town, place, village
 - :353.1 Region (of county)
 - :353.2 County
 - :354 Nation, people
 - :355.3 Army

616-059 PREVIOUS OR PRELIMINARY TREATMENT. COMBINED, ADJUVANT, SIMULTANEOUS, CONSECUTIVE OR SUBSEQUENT TREATMENT. PREVIOUS OR SUBSEQUENT OPERATION. CHOICE BETWEEN TWO METHODS OF TREATMENT. ANTAGONISM, MUTUAL INHIBITION OF TWO METHODS OF TREATMENT

e.g. 615.732.6-059:615.739.11 or

615.739.11-059:615.732.6 The effect of mercury on patients who are being or who have previously been treated with arsenic

616-06 COMPLICATIONS. SEQUELAE. BEHAVIOUR. SIMULTANEOUS STATE. CORRELATION OR ANTAGONISM OF TWO DISEASES. PREVIOUS ILLNESSES. PREVIOUS STATE OF HEALTH

The number following -06 denotes sequelae, accompanying disease, complications, etc.

e.g. 616.927-06:616.61-002 Salmonellosis complicated by nephritis

This number is complementary to -02 (Aetiology) and it is desirable to make double entries,

e.g. 616.61-002-02:616.927 Nephritis accompanied by salmonellosis

The auxiliary number -06 expresses the following relationships: Secondary to . . . , on . . . , subsequent disease, predisposing to, aggravating, arising from, giving rise to . . . , affecting . . . , changing to . . . , followed by . . . , preceding . . . , with . . . as a preceding symptom, prognosis or diagnosis, effect on . . . , interacting with . . . , use in . . . ,

- e.g. 615.711-06:616.61-002 Effect of cardiac drugs on Bright's disease*
- 616-002.79-06:616.2 Effect of fever in kidney affections*
- 616-006.5-06:616-006.6 Adenoma changing to carcinoma*
- 616.33-006.6-06:616.71-006.6-033.2 Gastric carcinoma encroaching on the bone*
- 616.8-009.11-031.4-06:616-009.7 Pain resulting from hemiplegia*
- 616.832.61-06:616-009.7 Pain resulting from tabes*
- 618.2-06:616-832.21-002 Poliomyelitis, infantile paralysis during pregnancy*

When -06 means the simultaneous occurrence of two diseases, an entry is made in both places and the order reversed

- e.g. 616.155.194.8-06:616.61-002.6 Bright's disease. Brightism. Chronic nephritis*
- 616.61-002.6-06:616.155.194.8 Chlorosis*

616-07 SEMEIOLOGY. SYMPTOMATOLOGY. DIAGNOSIS. SIGNS AND SYMPTOMS. EXAMINATIONS, PALPATION OF INTERNAL ORGANS

Diagnostic data fall into three groups, e.g.

(a) according to disease 616.24-002-07

Diagnosis of pneumonia

(b) according to the diagnostic method

616.24-002-078

Bacteriological diagnosis of pneumonia

(c) according to the organ examined

Add -07: without subdivision in front of the organ examined; -07 or a subdivision will be added at the end of this number

e.g.

616-002.6-078.097.02:616-002.5 Reactions of syphilitic patients to tuberculosis

616.24-002-07:616.15-07 Diagnosis of pneumonia by blood tests

616.24-002-07:616.15-078-097.3 Serodiagnosis of pneumonia

616.24-002-07:616.15-078.097.3.02:616.927

Serodiagnosis of salmonellosis in pneumonia

616.24-002-07:616.24-071.6 Diagnosis of pneumonia based on auscultation of the lungs

Symptoms or accompanying signs without complications are included here, whether or not they help in diagnosis

e.g. 616.718.19-001.5-07:616.71.819-071.4

Diagnosis of a pelvic fracture by Gosselin's signs. Pain from pressure on the os ilium

616.8-07:616.7-072.1 Diagnosis of nervous phenomena by ophthalmoscope

616.851-07:616.15-008.88-097.36

Presence of sensitising agents in the serum of patients suffering from chorea

616.892-07:617.721.5 Diagnosis of general paralysis from symptoms in the pupil

616-071 CLINICAL EXAMINATION, DIAGNOSIS, INVESTIGATION

.1 Anamnesis. History

.2 Appearance. Facial expression. Inspection. Type. Physiognomy. Habitus. Bearing. Posture, decubitus, etc.

e.g. 616-056.44-071.2

Facies scrofulosa

616.12-071.2

Cardiac facies

616.323-007.61-071.2

Adenoid facies

616.36-071.2

Facies of patient suffering from liver disease

616.38-071.2

Facies abdominalis

.25 Odour, smell

.3 Clinical topography. Anthropometric indices. Mensuration. Goniometry. Anthropometry

e.g. 616-053.5-071.3 Anthropometry of schoolchildren

→616-054-071.3 Pathological anthropometric studies

.4 Palpation. Succussion. Touch. Pressure. Pain as a disease sign

.45 Fluctuation. Fluctuating of enclosed fluids

.5 Percussion. Pleximetry. Use of percussion rods. Mechanical reactions

.6 Auscultation. Use of stethoscope. Phonendoscopy. Auscultatory percussion

.7 Grattage. Scraping. Scratching

.8 Examination under narcosis

616-072 INSTRUMENTAL DIAGNOSIS

.1 Endoscopy

→616.22-072.1 Laryngoscopy.

Endolaryngoscopy

.2 Use of sound, catheter, bougie for diagnosis. Dilatation. Lavage

.3 Insufflation of air or gas-producing powder

.4 Divulsion. Separation

.5 Exploratory puncture. Sample (of blood, etc.)

.6 Instillations for diagnostic purposes. Vesicatory tests

.7 Tests of function. Sensory acuity tests. Artificially induced elimination. Permeability tests

.8 Psychophysical and psychophysiological tests

.85 Intelligence tests, performance tests

.87 Diagnostic psychoanalysis

616-073 DIAGNOSIS BY METHODS ADOPTED FROM PHYSICS

Subdivide as 53 Physics e.g.

.173 Measurement of volume. Plethysmography, measurement of volume change in a limb by means of the pulse

.175 Measurement of mass and density. Balances, weighing machines, steelyards, beam balances, etc. Aerometers. Densimeters. Weighing of patients. Pyknometry. Aerometry

.176 Measurement of time. Diagnosis by means of counting machines, stop-watches, chronographs and pendulums

.178 Measurement of force, work and pressure. Dynamometry. Manometry

.213 Viscosimetry. Measurement of internal fluid friction

.26 Surface tension. Capillary action. Stalagmometry. Meistagmin reaction

.27 Osmosis. Dialysis

.43 Use of sound, tuning forks

.432.1 Pitch. Ability to distinguish tones

.524 Photometry

.53 Refractometry

.55 Polarimetry

.56 Colorimetry. Chromodiagnosis

.581 Diagnosis by means of lenses and prisms

.582 Diagnosis by means of magnifying glasses and microscopes

.583 Diagnosis by means of spectacles

.584 Spectroscopy

.585 Photography

.65 Thermometry. Temperature measurement

.66 Calorimetry

.7 X-ray diagnosis. Other electrodiagnostic methods

.75 Radiography. Radiodiagnosis. Roentgenography. X-ray diagnosis. Use of rays and X-ray photographs for diagnosis

(01) General

(017) Measurement of the severity and intensity of the rays: Photometer. Actinometer.

Qualimeter. Sclerometer. Chromo-

radiometer. Radiometer. Dosimeter

→537.531 X-rays. Non-corpuscular radiations in discharge phenomena.

Physical studies of X-rays and gamma-rays

.753 Use of the individual instruments

.1 Induction apparatus, coils. Sparking coils

.2 Interrupters. Rhythmeurs

.3 Induction apparatus without interrupters

.4 Regulating devices

.5 Studies and measurements on induction apparatus, coils and current sources

.754 X-ray tubes

.2 High-intensity tubes for rapid exposure. Coolers

.3 Special tubes

- 616-073.754.4 Modification of the vacuum. Regulators. Regenerators
- .5 Connections, function, efficiency. Centring. Wear and tear
 - .6 Removal, suppression of light interference in connecting current. Rectifier valves. Choke tubes
 - .7 Testing of tubes, *e.g.* with pin-hole camera. Phenomena inside and outside the tube
- .755 Radiographic technique. Exposure time, contrasts, etc.
- .1 Accessory equipment (table, stands, support) and special equipment
 - .2 Screens. Intensifying screens
 - .4 Contrast media: bismuth, barium, oxygen, carbon dioxide
 - .6 Diaphragms. Shutters, condensers, accumulators
 - .9 Protective screens, shields, etc.
- .756.1 Stereoscopic X-rays. Stereoradiography. Stereoskiagraphy
- .2 Orthoradiography. Orthodiagraphy. Orthoröntgenography
 - .3 Teleradiography
 - .4 Cineradiography. Radiocinematography
 - .5 Rapid or instantaneous radiography
 - .8 Sectional radiography. Planography. Tomography. Stratigraphy
- .757.1 Characteristics of radiographs
- .2 3-dimensional radiographs
 - .5 Darkrooms. Plates. Plate characteristics and defects. Development papers
 - .7 Examination. Interpretation. Recording. Reproduction. Filing. Plates. Transparencies. Prints
- .759 Radioscopy. Viewing of radiographs on the screen
- .781 Diagnosis by means of telegraphic apparatus
- .782 Diagnosis by means of microphones, telephones
- .786 Diagnosis by means of galvanometers, electric bells
- .788 Diagnosis by electrical signs and signals
- .8 Diagnosis by means of magnets and electromagnets
- .96 Recording devices
- .97 Electrograms

616-074 CHEMICAL ANALYSIS AND DIAGNOSIS

Subdivide by colon with 543/545 Chemical analysis

616-076 MICROSCOPIC AND MICROCHEMICAL ANALYSIS AND DIAGNOSIS. BIOPSY

- .1 Staining
- .3 Counts. Counting methods
- .4 Ultramicroscopy
- .5 Cytological diagnosis. Cytoscopy

616-078 BACTERIOLOGICAL, PARASITOLOGICAL AND HUMORAL DIAGNOSIS

Subdivide as 576.8.07

616-079 SPECIAL DIAGNOSTIC TECHNIQUES

- .1 Diagnosis of the organ affected
- .2 Topographical diagnosis. Regional diagnosis. Localization of the part affected
- .3 Diagnosis of the nature of the disease or condition
- .4 Differential diagnosis
e.g. 616.527-079.4:616.5-002.6 Differential diagnosis of pemphigus and syphilis
→616-039 Special, abnormal, atypical, hybrid, paradoxical forms
- .5 Diagnosis of the stage of a disease (from date of onset or attack)
- .6 Diagnosis of the cause and the accompanying circumstances

For forensic purposes subdivide as follows:

- 616-079.61 Weapon. Projectile (*e.g.* bullet). Explosive
- .63 Distance
 - .64 Direction
 - .65 Details of assailant or attacker
 - .66 Details of the victim
 - .67 Details of scene of attack or assault
 - .7 Retrospective diagnosis
 - .8 Diagnosis by treatment
 - .89 Diagnosis by operative intervention

616-08 TREATMENT

Data about the treatment fall into the following groups:

- (a) *according to the disease*
e.g. 616.25-002-08 Treatment of pleurisy, pleuritis
- (b) *according to the methods used*
e.g. 616.25-002-089 Operative treatment of pleurisy
- (c) *according to the organ concerned*
In this case use auxiliary numbers -082/-089 without further subdivision, then the UDC number of the organ concerned, followed where necessary with the subdivided auxiliary -082/-089
e.g. 616.25-002-089:616.712.1-089 Treatment of pleurisy by a rib operation
616.25-002-089:616.712.1-089.87 Treatment of pleurisy by rib resection
616.33-006.46-089 Operative treatment of gastric cancer
616.33-006.46-089:616.334-089.87 Treatment of gastric carcinoma by resection of the pylorus
- (d) *By colon combination with the subdivisions of 361 Social Relief. Public Assistance. Charity, 362 Social Welfare work, Institutions, etc., social relief facilities on a reciprocal basis 368 Insurance*

- 031.81 General treatment
- .84 Local treatment
- 035 Indications. Choice. Suitability
- 039.11 Premature treatment
- .12 Delayed, belated treatment
 - .32 Continuous treatment
 - .33 Intermittent treatment
 - .34 Repeated treatment. Series of treatment
 - .35 Progressive treatment (*e.g.* increased doses)
 - .57 Ambulatory treatment
 - .71 Preventive treatment
 - .72 Abortive treatment
 - .73 Conservative treatment
 - .74 Temporary, emergency, or provisional treatment
 - .75 Palliative treatment
 - .76 Radical, curative treatment
 - .78 Economical treatment
- 059 Treatment preceded by . . . , combined with . . . prepared for by . . . , followed by . . . , supported by . . .
- 06 Complications of the treatment. Effect on an organ or a disease
- 07 Control and supervision of treatment

616-082 MEDICAL ADMINISTRATION. ORGANIZATION OF TREATMENT

- .3 Carrying out of treatment. Observance of treatment. Patient's co-operation, endurance
- .4 Admission, discharge, transfer of patient
- .5 Patient's morale and spirits. Diversions. Comfort
- .6 Administration. Routine. Rules and regulations. Discipline. Punishment
- .8 Patient after discharge. Aftercare, follow-up

616-083 NURSING, HYGIENE AND SPECIAL CARE OF PATIENT. HYPURGIA

Subdivide as 613

- .2 Diet, nutrition of patient
- .4 Personal hygiene
- .512.6 Sleeping accommodation
- .518.1 Bed. Couch. Bed linen. Mattresses. Pillows. Change of bedding
- .6 Toilet requisites for personal use of patient
- .79 Sleep. Rest
- .88 First aid
- .92 Incubators for infants
- .93 Getting up again. Transport. Other accommodation
- .94 Position of patient (*e.g.* propped up, lying)
- .95 Keeping the patient warm
- .98 First aid. Emergency measures. Emergency bandages
 - 362.18 First aid post
 - 614.88 First aid in accidents
 - 617-083.88 First aid for the wounded
 - 618.2-083.88 First aid for expectant mothers

616-084 PROPHYLAXIS. PREVENTIVE MEASURES. PUBLIC HEALTH MEASURES. PREVENTIVE TREATMENT

Main entry at 614

Subdivide as 614

616-085 THERAPY. THERAPEUTICS. PHARMACOLOGY

Main entry at 615

Subdivide as 615

616-089 OPERATIVE TREATMENT. OPERATIVE TECHNIQUE. SURGICAL, OPERATIVE PROCEDURE. SURGERY

Use only as auxiliary and for general aspects combined with 617.

e.g. 616.33-089 Gastric surgery. Surgical treatment of gastric disorders

617-089 Surgery in general

It can be useful to combine the subdivisions of -089 with the following subdivisions:

-059 Preparatory, simultaneous, subsequent operation or treatment

e.g. 616.33-006.46-089.85-059:616.334

Conservation of the pylorus during operative treatment of gastric carcinoma

-06 Complications. Sequelae

-07 Control and supervision of treatment

616-089.1 Generalities

- .11 Anatomical and physiological concepts applied to operative surgery. Surgical topography
- .12 Operative routes and approaches
 - Subdivide by colon and 611*
- .15 Indications. Choice, suitability of operations
- .151 Favourable conditions, indications
- .152 Difficult conditions. Contra-indications. Inoperability. Dangers
- .154 Precautions, safeguards
- .157 Mistakes. Errors
- .159 Sudden indications
- .16 Evolution, course, general conditions in which operation is performed (in the town, the country, at home, etc.)
- .163 Preoperative procedure. Preparation of the patient
- .165 Asepsis. Antisepsis
 - .2 Clothing and garments of operating surgeon: overalls, gloves, caps, masks
 - .3 Disinfection of surgeon and assistants
 - .4 Disinfection of the patient and operating area
 - .5 Disinfection of instruments, sutures, etc.

616-089.165.6 Disinfection of theatre and equipment

.166 Spraying Operation

-06 Complications arising during operation

.1 Position of surgeon

.2 Position of assistants

.5 Position of patient (on table)

.168 Termination. Results. Sequelae. Successes. Failures. Efficacy. Inefficiency. Statistics

.1 Post-operative period. Post-operative care

-06 Complications setting in after the operation

-083 General post-operative care and hygiene

.4 Personal hygiene

.518.1 Bedding

.93 Transport, moving of patient (to upright, or prone position)

.94 Patient's bed

.95 Getting the patient warm again

-089.4 Dressings and local post-operative care. Removal of the stitches

.49 Renewal of dressings

.15 Getting up

.2 Convalescence. Recuperation

.3 Complete recovery

.5 Delayed recovery

.6 Incomplete recovery. Incurability

.7 Relapse. Recurrence

.8 Death

.85 Rapid death

.86 Sudden death

.87 Slow or lingering death

.17 Prognosis: methods, signs, procedures

.191.1 Premature operation. Ill-judged operative decision taken in excitement

.2 Delayed operation. Decision taken in cold blood

.193.4 Repeated operation

.197.1 Preventive operation

.2 Incomplete operation

.3 Conservative operation

.4 Provisional, emergency operation

.5 Palliative operation

.6 Radical operation

.7 Aesthetic operation

616-089.2 Non-incisional treatment. Manipulation. Apparatus

.21 Extension. Counter-extension. Reduction. Coaptation. Adjustment

.22 Support. Immobilization (Splints. Pessaries. Casings. Inclined planes. Suspension apparatus. Setting, manipulative treatment)

.222 Thomas splint appliance

.223 Fixation

.226 Ambulatory appliances

.227 Mobilization. Functional treatment

.23 Orthopaedics. Orthodontics

For use only as general auxiliary number and for general observations and is combined with 617.3

.27 Obturation. Occlusion. Filling with plaster

e.g. 616.71-089.27 Cast (in bone surgery)

.28 Prostheses. Artificial limbs. Replacement of organs

e.g. 617.57-089.28 Artificial limbs

.29 Suspended prostheses

e.g. 616.314-089.29 Dental bridges

616-089.4 Dressings. Tamponment. Packing

.41 Compresses. Swabs

e.g. 617-089.41-282.1 Gauze compresses

.42 Cotton wool pads, etc.

.43 Bandaging. Slings. Bandages. Strapping. Ties. Neck slings, shoulder slings. Eye bandages, monocle and binocle. Spica. Spiral bandage. Chinstrap. Quadriceps bandage. Trusses. Suspensory bandages

.44 Types of dressing

.441 Dry dressings

.443 Wet dressings and bandages

- 616-089.444 Aseptic and antiseptic dressings
 →615.416/.417 Medicinal papers and tissues.
 Injections. Lavage. Baths
 →615.468 Various surgical dressings
 .45 Tamponade
 .48 Drainage
 e.g. 617-089.48-031:611.671 Drainage via the
 vagina
 .49 Renewal of dressings. Frequency of renewal

616-089.5 Surgical anaesthesia

- 031.81 General anaesthesia. Narcosis
 - .83 Regional anaesthesia
 - .84 Local anaesthesia
 - 032:611.14 Intravenous anaesthesia
 - .2 Respiration, inhalation anaesthesia
 - .35 Rectal anaesthesia
 - .73 Intramuscular anaesthesia
 - .778 Transcutaneous anaesthesia
 - .779 Subcutaneous anaesthesia
 - .829 Spinal anaesthesia
 - .83 Intra-peri and para-neural anaesthesia.
Nerve block
 - 035 Indications. Choice. Suitability
 - .4 Precautions
 - .7 Errors. Mistakes
 - 036 Course and duration of anaesthesia
 - .11 Rapid induction
 - .12 Slow, gradual induction
 - .16 Short duration
 - .17 Prolonged anaesthesia
 - .18 Light anaesthesia. Twilight sleep
 - .3 Pre-anaesthesia
 - .4 Onset, initiation of anaesthesia
 - .6 Actual state of anaesthesia
 - .8 Termination of anaesthesia
 - .81 Regaining of consciousness
 - .82 Post-anaesthetic state
 - .83 Complete recovery
 - .86 Incomplete recovery
 - .88 Death
 - .884 Apparent death
 - .885 Rapid death
 - .886 Sudden death
 - 037 Prognostic aids, signs and methods and super-
vision during anaesthesia
 - 053.2 Anaesthesia in children
 - 056 Anaesthesia in relation to constitution and
disposition
 - 06 Anaesthetic complications
 - 083.94 Position during anaesthesia
 - 617-089.51 Anaesthesia with reduced circu-
lation. Mombert's method
 - .52 Operations under increased or
reduced pressure
- Subdivide 617-089.57 and 617-089.58 as
615.7 and 615.8 thus:*
 617-089.578.111 Chloroform. Chloro-
form apparatus
 .111.5 Mixture of air (or oxygen)
 and chloroform
 .122 Ethyl chloride or chlor-
 ethylene, and other
 chlorinated ethyl com-
 pounds
 .123 Ethyl bromide, ethylene
 bromide
 .131 Somnoform
 .141 Ether
 .143 Amyl nitrite
 .15 Nitrous oxide
 .162 Cocaine
 .163 Eucaine. Holocaine.
 Novocaine. Tropaco-
 caine

- 617-089.578.164 Acoine
- .171 Stovaine
- .172 Amydracaine, alypin
- .312 Morphine
- .44 Scopolamine
- 583.29 Freezing methods. Re-
frigeration anaesthesia
- .584 Electrical anaesthesia
- .585.11 Anaesthesia by hypnosis

616-089.8 Operative procedure and technique

- 617-089.8-7 Surgical instruments
*Instruments used for a particular operation come
under the number for the operation and followed
by -7*
- .81 Minor surgery
- .811 Preventive hemostasis. Ligature of extremities.
Esmarch's tourniquets. Induced ischaemia, Bier's
method
 →615.815 Hyperaemia, Bier's treatment
- .812 Clamping. Vasotripsy, angiotripsy. Forcippresure
- .813 Compression. Expression. Torsion. Forced
flexion
- .814 Ligature. Filopressure
- .815 Tattooing (for therapeutic purposes)
- .816 Aspiration, suction
- .817 Mummy'ing
- .818.1 Filing, scraping, curettage, abrasion, scaling,
rasping, grinding, etc.
 .2 Hersage. Harrowing
- .3 Stretching, dilatation
- .4 Separation
- .5 Haircut. Depilation
- .6 Esquilectomy. Sequestrotomy
 →615.811 Derivation
 →615.814.1 Scarification
 →615.832 Thermotherapy
 →615.844.6 Ionization, diathermy
- .819 Minor intracanalicular and intracelal surgery
 - .1 Catheterization
 - .2 Indwelling catheter
 - .3 Intubation
 - .4 Cannulization
 - .5 Dilatation. Divulsion. Bouginage. Introduction
of sounds and other solid bodies (not powders)
for therapeutic purposes
 - .55 Wiring
 - .57 Bougies. Laminaria
 - .6 Aspiration, suction.
 - .8 Ecouvillonage. Curettage
- .82 Paracenteses. Exploratory puncture
- 036.5 Asepsis. Antisepsis
 - .606 Complications during the operation
 - .81-06 Post-operative complications
- 089.1 Landmarks and surface guides in puncture
- .84 Suture. Closure. Sewing up. Surgical synthesis.
Padding
 -7 Needles. Michel's clamps
 -036.81-06:616-007.251 Rupture of sutures
 .252 Ruture, dehiscence of the
 surgical wound. Separ-
 ation of the suture
 .253 Post-operative fistula
- .841 Avivement. Operative refreshing of wound edges
- .842 Exclusion. Surgical separation
- .843 Grafting, implantation, inclusion, reimplantation,
transplantation, interposition, anastomosis
*To indicate the site of the graft combine with -031
(in certain cases with -032 to indicate the
implanted organ or the region from which it was
taken)*
e.g. 616.5-089.843:611.976-032:611.982
 Graft of skin taken from the thigh onto
 the hand

- 616-089.844 Plastic surgery. Reconstruction. Autoplasty
→ 617-089.27 Obturation. Filling.
Plombage. Cast
- .846 Closure . . . cleisis
 - .847 Closure of artificial opening, . . . stomocleisis
 - .848 . . . plication
 - .849 . . . clasia
 - .85 Section. Incision. Reduction (involving incision).
Removal of an organ, . . . tomy. Division of
an organ
 - .851 Covering an organ with tissue, *e.g.* in cases of
fissure . . . endysis
 - .852 Plicotomy
 - .853 Discission. Dissection. Dilaceration. Adhesi-
ectomy. Exposure. Separation. Removal of
duplication. Isolation. Synchotomy. Separation
of coalescence . . . lysis. Dissociation of
organs . . . rhexis
 - .855 Transfixion. Perforation
 - .856 Operative suppression of function. Sterilization by
an operation on the genital organs
 - .857 Massage of an exposed organ
 - .86 Fistulization. Marsupialization. Anastomosis of a
hollow organ. Artificial openings, abouchements,
. . . stomy
*To indicate the parts of the body in which an
opening is made, use -031*
 - .87 Ablation. Resection. Extraction. Exeresis. Com-
plete destruction. Extirpation. Removal.
Enucleation, removal of a circumscribed
tumour. Removal of an organ, . . . ectomy
Indicate operative approach with -031
 - .872 Disarticulation
 - .873 Partial resection, ablation or excision. Shortening,
amputation
 - .4 Osteoplastic resection, amputation
 - .874 Trepanation. Trephinement
 - .5 Decompressional trepanation
 - .875 Evisceration. Evidement. Exenteration
 - .876 Morcellation. Ecrasement
 - .877 Decortication. Denudation. Decapsulation. Re-
moval of the periost. Removal of a saccus or
enveloping membrane
 - .878 Removal, extraction, enucleation of foreign bodies
and calculi
 - .879 Tripsis. Trituration. Ecrasement. Morcellation
of foreign bodies and calculi
 - .881 Fixation. Internal fixation. . . pexy, . . . desis
 - .882 Replacement. Detorsion. Correction
 - .883 Exopexy. Exteriorization, exteriorization of tumour.
Evisceration. Exteriorization of internal organs
 - .884 Couching. Eversion. Reclination. Retraction.
Suspension. Depression. Diastasis. Detach-
ment. Disinsertion. Advancement. Reattach-
ment
 - 7 Shortening. Lengthening
 - .886 Compression. Propulsion
 - .888 Obstetrical operations
Combine with :618.5 Dystocia, parodynia
 - .11 Artificial insemination
Combine with :618.177 Infertility in women
 - .12 Reposition of the pregnant uterus
Combine with :618.5 Dystocia
 - .13 Perforation of the ovum
Combine with :618.5 Dystocia
 - .14 Surgical induction of labour. Abortion
e.g. 618.39-089.888.14 Induction of
abortion
618.5-089.888.14 Induction of labour
618.5-089.888.14-7 Champetier de
Ribes's bag,
colpeurynter
616-089.888.15/.81 combines in the same way
with 618.177
 - .15 Acceleration of labour and abortion

- 616-089.888.16 Retardation of labour and abortion
- .17 Dilatation of the cervix
- .18 Incision of os externum
- .19 Rupture of the membranes
- .2 Manual extraction of the foetus. Accouchement
forcé. Methods of Mauriceau and Champetier
de Ribes
- .3 Use of forceps
- .4 Version
- .5 Embryotomy. Craniotomy. Decapitation.
Basiotripsy
- .61 Caesarean section. Sanger's operation
- .63 Porro's operation. Caesarean section followed
by hysterectomy
- .71 Symphysiotomy
- .73 Pubiotomy. Ischiopubiotomy. Hebotomy.
Hebosteotomy. Farabeuf's operation
- .81 Perforation. Extraction. Detachment. Ex-
pression of the placenta. Crédé's manoeuvre.
Surgical delivery

616-091 PATHOLOGICAL ANATOMY

Serves as general heading as well as auxiliary
e.g. 616-006.6-091 Pathological anatomy
of cancer
616.33-006.6-091 Pathological anatomy
of gastric carcinoma
combine with :578 for Microscopical technique
with :579 for Collections

616-091.0 General

- .1 Cadaver and the changes it undergoes
-008.939.3 Putrefaction
- .97 Micro-organisms in the cadaver
- .5 Autopsy. Post-mortem examination
- .6 Exhumation. Disinterment
- .7 Injection. Embalming. Preservation of the cadaver.
Plastic regeneration of the corpse
- .8 Histopathology. Cytopathology. Morbid histology
→616-008.9 Organs and tissues, metabolic
balance. Disturbances of
metabolism and of chemical
composition of organs and
systems
- .811 Pathology of cell development. Embryology
→616-007.15 Histogenetic disorders
- .814 Hypertrophy
- .816 Degeneration
- .817 Atrophy. Wasting
- .818 Destruction. Dissolution. Cytolysis. Cytophagy
- .82 Protoplasm
- .825 Inclusions, *e.g.* Negri bodies
- .83 Nucleus. Caryolysis. Caryorrhexis
- .85 Cell division
- .86 Centrosomes
- .88 Cilia and membranes

616-092 PATHOLOGICAL PHYSIOLOGY. PATHO-
GENESIS. DEVELOPMENT OF
DISEASE PROCESSES

In certain cases, colon to 612 Physiology
*Class preferably at 612 except for the following
subdivisions*

- .11 Health and disease
- .12 Intermediate states between health and disease.
Malaise, indisposition
- .18 General pathology of the cell. Physiopathology of
the cell
e.g. 616-008.9-092.18 Pathological chemistry
of the cell. Patho-
logical histochemistry

616 092.19 General defensive mechanisms of the organism.

- Role of individual organs in disease resistance
- .4 Laboratory experiments. Experiments in vitro
- .6 Experiments on human beings
- .7 Experiments with micro-organisms
- .8 Experiments with plants
- .9 Experiments on animals

616-093/-098 BACTERIOLOGICAL AND PARASITOLOGICAL STUDIES

-093/-098 are used only as auxiliaries

616-093 BACTERIOLOGICAL AND PARASITOLOGICAL TECHNIQUE

General studies at 576.8-093 and subdivisions

616-094 BACTERIOLOGICAL AND PARASITOLOGICAL MORPHOLOGY

General studies at 576.8-094 and subdivisions

616-095 BACTERIOLOGICAL AND PARASITOLOGICAL PHYSIOLOGY

General studies at 576.8-095 and subdivisions

616-097 ANTIGENS. ANTIBODIES

General studies at 576.8-097 and subdivisions

616-098 PHYSICS, CHEMISTRY, METABOLISM, DEGENERATION OF MICRO-ORGANISMS, PARASITES, AND THEIR CULTURES

General studies at 576.8-098

Subdivide as 616-008.8

616-099 POISONING. INTOXICATION

Poisoning of particular parts of the body or regional effects of poisoning should be classed in appropriate subdivisions of 616 followed by -099 Toxicology in general is classed at 615.9. Poisoning by specific agents is placed at subdivisions of 615.7 with the special auxiliary -099, e.g. 615.739.15-099 Lead poisoning. Food poisoning is classed at 613.2-099

Principal divisions

616.1/.9 SPECIAL PATHOLOGY

616.1 PATHOLOGY OF THE CIRCULATION AND OF THE BLOOD VESSELS

616.11 PERICARDIUM

- 002 Pericarditis
- 003.215 Haemopericardium
- .217 Hydropericardium
- .219 Pneumopericardium
- .24 Chylopericardium
- 008.8 Pericardial fluid
- 089 Surgery of the pericardium
- .85 Pericardotomy. Excision of the pericardium
- .853 Pericardiolysis. Cardiolytic

616.12 HEART. CHAMBERS OF THE HEART.
GENERALITIES

- 007.42 Cardiopexia. Cor pendulum. Drop heart. Cor mobile. Wandering heart
- .61 Hypertrophy. Cor bovinum
- 008 Signs and symptoms of diseases of the heart and blood vessels. Pathology and disorders of the circulation
- .1 Disorders of the heart beat
- 072.7 Measurement of heart function. Sphygmobolometry. Sphygmotonomography
- .3 Changes in the heart beat and pulse. Cardiooesophageal pulse beats
- 073.96 Cardiography, registration of the heart beat. Oesophageal cardiography. Polygraphy
- .31 Pulse rate
- .311 Tachycardia. Increased pulse rate. Rapid pulse. Increased circulatory rate
- .313 Atrioventricular dissociation. Fibrillation. Heart block
- .2 Auricular (atrial) fibrillation
- .3 Ventricular fibrillation
- .314 Bradycardia. Decreased heart rate. Persistently slow pulse. Adams-Stokes disease, decrease in circulatory rate
- .315 Cardiac arrest
- 08 Resuscitation. Restoration of heart beat
- .316 Relationship of body temperature to pulse. Dissociated pulse
- .318 Changes in the heart rhythm. Arrhythmias. Dropped beats, pulsus paradoxus, intermittens
- .1 Persistently irregular pulse, tachyarrhythmia
- .3 Allorhythmia. Pulsus bigeminus, alternans, intercurrents
- .4 Bigeminal rhythm. Ventricular standstill. Extrasystoles
- .5 Embryocardia. Foetal rhythm. Pendulum rhythm. Tic-toc rhythm. Bradydiastole
- .8 Temporary changes in the pulse. Orthostatic tachycardia
- .33 Arterial pulse
- 073.96 Sphygmography
- .331 Arterial pressure, blood pressure. Amplitude, quality, tension of the pulse
- .1 Hypertension. High blood pressure
- .2 Corrigan's pulse. Pulsus celer
- .4 Hypotension, low blood pressure. Microsphygmia. Pulsus mollis with slowly rising pulse wave
- .5 Slow pulse. Unilateral pulse. Pulsus tardus
- .6 Dicrotic, catacrotic, polycrotic, catapolyrotic, monocrotic pulse
- .334 Elasticity of the arteries

- 616.12-008.34 Venous pulse. Jugular pulse
- .341 Venous blood pressure
- .35 Capillary pulse
- .351 Capillary pressure
- .37 Epigastric pulse
- 616.133-008.21 Carotid pulse
- 616.36-008.21 Hepatic pulse
- .4 Mechanical disorders of the circulation
- .44 Asphyxia
- .45 Compensation
- .46 Failure of, or deficient, compensation. Asystole. Cardiac insufficiency. Heart strain
- .464 Hyposystole
- .466 Asystole
- .47 Pallor
- .48 Cyanosis
- .49 Ecchymotic facies. Corvisart's facies
- For disorders of the circulation of individual organs use the subdivisions of -005*
- 009 Cardiac neurosis
- 02:616.852 Cardiac hysteria
- .11 Paralysis of the heart
- .17 Cardiac adynamia, asthenia. Cardiac weakness
- .2 Erethism. Cardiac irritability
- .3 Palpitations
- .7 Cardialgia. Cardiac pain. Precordial pain
- .72 Angina pectoris. Stenocardia. Sternal pain. Cardiac neuralgia
- 616.132.2-002 Inflammation of the coronary arteries
- .81 Cardiac reflex
- .86 Vasomotor disorders
- .861 Narrowing of the blood vessels
- .862 Dilatation of the blood vessels
- 02:616.13 Arterial cardiopathies
- .616.927 The heart in typhoid
- .618.3 The heart in pregnancy. Disorders of the heart in pregnancy
- 039 Abnormalities of the heart
- 07 Diagnosis
- 071.2 Inspection
- .4 Palpation
- .5 Percussion
- .6 Auscultation
- 072.2 Catheterization
- 073.97 Electrocardiography
- 089 Surgery of the heart
- .82 Incision of the heart, atrium or ventricle
- .84 Suture of the heart
- .87 Cardiac massage

616.121 Septa of the heart

- 007.21 Biventricular heart
- .253 Morbus coeruleus. Cyanotic heart disease

616.122 Left heart

616.123 Right heart

616.124 The ventricles

- .2 Left ventricle
- .3 Right ventricle
- .6 Interventricular septum
- 007.21 Cor triloculare biatriatum. Heart with 1 ventricle and 2 atria. Absence of interventricular septum
- .253 Septal defect. Roger's disease
- .7 Atrioventricular bundle, bundle of His. Atrioventricular nodes. Tawara's nodes

616.125 Atria of the heart

- .2 Left atrium
- .3 Right atrium
- .4 Sinus. Keith-Flack nodes, sinus nodes
Wenckebach's bundle
- .6 Interatrial septum. Botallo's foramen (foramen ovale)
 - 007.21 Cor triloculare biventriculare
 - .253 Persistent foramen ovale
 - .63 Cor triatriatum

616.126 Endocardium. Valves

- .1 Parietal endocardium
- .2 Endocardium of the papillae and chordae tendineae
- .3 Cardiac orifices and valves
 - 002 Valvulitis. Cardiovalvulitis
 - .32 Valvular incompetence and stenosis
 - .4 Atrioventricular orifices and valves
 - .42 Mitral orifice and valve
 - .421 Mitral stenosis. Duroziez's disease
 - .422 Mitral incompetence
 - .423 Mitral disease. Mitral stenosis with incompetence
 - .424 Disease of the mitral valve combined with disease of other valves
 - .425 Chordae tendineae
 - .426 Papillary muscles
 - .46 Tricuspid orifices and valves
Subdivide as 616.126.42
 - .5 Arterial valves of the heart
 - .52 Aortic valve
Subdivide as 616.126.42
 - .56 Pulmonary valve
Subdivide as 616.126.42

616.127 Myocardium. Heart muscle. Atrioventricular septum

- 002 Myocarditis
- 004 Sclerosis
- 005.8 Infarction. Myomalacia cordis. Softening of the heart

616.13 ARTERIES

- 002 Inflammation of the arteries. Arteritis. Endarteritis. Inflammation of the intima of the arteries. Mesarteritis. Inflammation of the muscular coat of the arteries
 - 031.63 Periarteritis. Inflammation of the adventitia
 - .1 Acute arteritis
- 004.6 Chronic arteritis. Calcification of the arteries. Arteriosclerosis. Atheroma. Atherosclerosis
- 007.64 Aneurysm. Fusiform aneurysm. Sacculated aneurysm
 - 001.5 Rupture of aneurysm
 - 031.85 Miliary aneurysm
 - 071.6 Thrill
 - 089.84 Aneurysmorrhaphy. Suture of aneurysm
 - .85 Aneurysmotomy. Removal of blood clot
 - .87 Aneurysmectomy. Excision, extirpation. Resection of aneurysm
 - .871 Extirpation of sac
- .644 Arteriovenous aneurysm. Varicose aneurysm. Phlebarteritis. Inflammation of vein and artery
- .649 False aneurysm
- 008.21 Arterial pulse
 - 616.12-008.33 The pulse rate for individual arteries is expressed by the number for the artery plus -008.33
- 071.6 Auscultation of arteries
- 073.75 Arteriography
- 089 Surgery of arteries

616.131 Pulmonary artery

- 004.6 Sclerosis of the pulmonary artery
- .3 Ductus arteriosus. Chorda ductus arteriosi
- 007.22 (Abnormal) persistent ductus arteriosus

616.132 Aorta. Diseases of the aorta, heart and blood vessels

- 002 Aortitis. Inflammation of the aorta
- 007.64 Aneurysm of the aorta
- .1 Aortic arch. Bronchial arteries and veins
- .11 Aortic bulb and sinus. Sinus of Valsalva
- .12 Septum of the aorta (pathological)
- .13 Ascending aorta
- .14 Aortic arch
- .15 Aortic isthmus
- .16 Bronchial arteries and veins
- .2 Coronary arteries
 - 002 Inflammation of the coronary arteries
- .5 Brachiocephalic trunk

616.133 Carotid arteries

- 008.21 Carotid pulse
- .2 External carotid artery
- .211 Thyroid arteries
- .213 Ascending pharyngeal artery
- .215 Posterior auricular artery
- .22 Lingual artery
- .23 Facial artery. Maxillary artery
- .26 Occipital artery. Sternomastoid branches of the occipital artery
- .27 Superficial temporal artery
- .28 Internal maxillary artery
- .281 Deep auricular artery. Tympanic artery
- .282 Middle meningeal artery. Occipital meningeal artery
- .283 Masseteric artery. Pterygoid artery
- .284 Deep temporal artery
- .285 Buccal artery. Dental artery
- .286 Inferior dental artery. Infraorbital artery
- .288 Palatine artery. Sphenopalatine artery. Vidian artery
- .289 Nasal arteries
- .3 Internal carotid artery
- .31 Carotico-tympanic branch
- .32 Ophthalmic artery
- .321 Macular artery. Central retinal artery
- 005.7 Embolism of central retinal artery
- .7 Hyaloid artery
- .322 Ciliary arteries. Arteries of the iris. Conjunctival arteries. Episcleral arteries
- .323 Lachrymal artery
- .324 Supraorbital artery
- .325 Ethmoidal arteries
- .326 Internal palpebral arteries
- .327 Frontal arteries
- .328 Dorsal artery of nose
- .33 Cerebral arteries
 - 002.2 Atherosclerosis, arteriosclerosis of cerebral arteries
 - .6 Syphilitic cerebral arteritis
 - 007.64 Aneurysm of the cerebral arteries
→616.134.9 Vertebral artery
- .331 Communicating arteries
- .332 Choroid arteries
- .333 Anterior cerebral artery. Middle cerebral artery
- .334 Arteries of sylvian fossae

616.134 Subclavian artery

- .1 Axillary artery
 - 007.64 Aneurysm of the axillary artery
- .2 Brachial artery
- .3 Forearm arteries
- .31 Radial artery
- .35 Ulnar artery
- .4 Arteries of the hand
- .5 Internal thoracic artery
- .6 Costocervical trunk
- .7 Thyrocervical trunk
- .8 Transverse cervical artery
- .9 Vertebral artery

- 616.134.91 Spinal arteries
 .92 Meningeal branches of the occipital artery
 .93 Basilar artery
 .94 Internal auditory artery
 .95 Cerebellar arteries
 .96 Posterior cerebral artery
 .97 Circle of Willis
- 616.135 Thoracic aorta
 .1 Cutaneous branches
 .4 Intercostal arteries
 .5 Visceral branches
- 616.136 Abdominal aorta
 .1 Inferior phrenic artery
 .2 Lumbar arteries
 .3 Median sacral artery
 .4 Coeliac artery
 .41 Common hepatic artery
 .42 Splenic artery
 .43 Left gastric artery
 .44 Common superior mesenteric artery (omphalo-mesenteric trunk)
 .46 Superior mesenteric artery
 .5 Inferior mesenteric artery
 .6 Suprarenal artery
 .7 Renal artery
 .8 Spermatic artery
 .9 Ovarian artery
- 616.137 Iliac arteries
 .2 Internal iliac artery. Lateral sacral artery
 .3 Parietal branches
 .7 Visceral branches
 .71 Umbilical artery. Vesical arteries
 .72 Artery of the vas deferens
 .73 Uterine artery. Vaginal artery
 .74 Middle haemorrhoidal artery
 .75 Internal pudendal artery
 .755 Helicine arteries of the penis
 .8 External iliac artery
 .81 Inferior epigastric artery
 .82 Deep circumflex iliac artery
 .83 Femoral artery
 .86 Popliteal artery
 .87 Anterior tibial artery
 →616.137.93 Arteries of the foot
 .9 Tibio-peroneal trunk
 .91 Posterior tibial artery
 .92 Peroneal artery
 .93 Arteries of the foot
- 616.14 VEINS
 -002 Phlebitis. Thrombophlebitis
 -02:618.7 Phlegmasia alba dolens puerperalis
 -031.63 Periphlebitis
 .2 Chronic, hyperplastic, productive, adhesive, organizing phlebitis. Phleboscrosis
 -003.7 Phleboliths
 -007.63 Venosity. Presence of an abnormal amount of veins in a circumscribed area. Dilatation of the veins
 .64 Phlebectasia. Varicose veins. Varices
 -008.21 Venous waves
 -071.6 Auscultation of veins
 -089 Surgery
- 616.141 Pulmonary veins
 616.142 Cardiac veins
 616.143 Subintestinal veins. Mesenteric veins
 616.144 Cardinal veins. The main veins of the embryo
 616.145 Superior vena cava. Brachiocephalic veins
 .1 Internal jugular vein

- 616.145.11 Sinus venosus cranii. Sinuses of the dura mater
 -002 Phlebitis, thrombophlebitis of the sinuses
 .111 Lateral sinus
 .112 Longitudinal sinuses
 .113 Straight sinus
 .114 Occipital sinus. Confluence of the sinuses
 .115 Cavernous sinus
 .116 Sphenoparietal sinus
 .117 Petrosal sinuses
 .118 Basilar plexus
 .119 Petro-occipital or transverse sinus
 .121 Internal auditory veins. Vestibular veins. Veins of the cochlear aqueduct. Central cochlear veins
 .122 Diploic and emissary veins
 .127 Internal carotid plexus
 .128 Hypoglossal plexus
 .129 Venous plexus of the foramen ovale
 .13 Cerebral veins
 .15 Superior ophthalmic vein
 -002 Thrombophlebitis of the orbital cavity
 -007.64 Varicocele of the orbital cavity
 .151 Canal of Schlemm
 .152 Ciliary veins
 .153 Vortex veins
 .154 Central retinal vein. Veins of the retina and of the macula lutea
 -005.6 Thrombosis of the central retinal vein
 .16 Inferior ophthalmic vein
 .17 Facial vein
 .18 Veins of the cochlear canal and of the meninges
 .19 Superior pharyngeal veins. Lingual veins. Thyroid veins
 .2 External jugular vein
 .4 Subclavian vein. Axillary vein
 .41 Thoracic branches
 .42 Brachial veins
 .43 Veins of the forearm
 .44 Veins of the hand
 .5 Longitudinal thoracic veins
 .51 Ascending lumbar vein
 .52 Intercostal veins
 .53 Spinal veins
 .6 Azygos vein. Hemiazzygos vein
 .71 Inferior thyroid veins
 .72 Inferior laryngeal vein
 .73 Thymic veins
 .74 Pericardiac veins. Superior diaphragmatic veins. Anterior bronchial veins. Anterior mediastinal veins. Oesophageal veins. Pharyngeal veins. Tracheal veins
 .75 Internal thoracic vein
 .76 Superior intercostal veins
 .77 Veins of the vertebral column
 .78 Deep cervical vein

- 616.146 Inferior vena cava
 .1 Lumbar veins
 .2 Renal veins
 .3 Suprarenal veins
 .4 Hepatic veins
 -008.341.1 Portal hypertension
 .5 Inferior phrenic veins
 .6 Spermatic veins
 .7 Ovarian veins

- 616.147 Iliac veins
 .1 Internal iliac vein
 .11 Gluteal, obturator, sacral veins. Iliolumbar veins. Anterior sacral plexus
 .12 Vesical veins. Vesical plexus
 .13 Internal pudendal vein
 .14 Veins of the penis
 .15 Veins of the clitoris
 .16 Uterine veins. Utero-vaginal plexus