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UDC 617
ORTHOPAEDICS
SURGERY
OPHTHALMOLOGY

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In order to keep abreast of progress British Standards are subject to periodical review. Suggestions for improvements will be recorded and in due course brought to the notice of the committees charged with the revision of the standards to which they refer.

A complete list of British Standards, numbering over 4000, fully indexed and with a note of the contents of each, will be found in the Institution's Yearbook. The BS Yearbook may be consulted in many public libraries and similar institutions.

Attention is drawn to the following British Standards:

BS 1000A.	Universal Decimal Classification: Abridged English Edition.
BS 1000C.	Guide to the Universal Decimal Classification (UDC).
BS 1000.	Universal Decimal Classification. English Full Edition.
	UDC 55 Geology, geophysics
	UDC 56 Palaeontology
	UDC 57 Biological sciences
	UDC 58 Botany
	UDC 59 Zoology
	UDC 611 Anatomy
	UDC 612 Physiology
	UDC 613 Hygiene
	UDC 614 Public health. Accident prevention
	UDC 615* Pharmaceutics. Therapeutics. Toxicology
	UDC 616* Pathology
	UDC 618* Gynaecology. Obstetrics

* In course of preparation.

British Standards are revised, when necessary, by the issue either of separate amendments or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions.

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

CO-OPERATING ORGANIZATIONS

The Documentation Standards Committee, under whose supervision this British Standard was prepared, consists of representatives from the following Government department and scientific, technical and professional organizations:

*Aslib	National Lending Library for Science and Technology
Biological Council	National Library of Scotland
Bodleian Library	National Library of Wales
Booksellers' Association of Great Britain and Ireland	National Reference Library for Science and Invention
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British Museum	Periodical Publishers Association Ltd.
British National Bibliography	Permanent Committee on Geographical Names (Royal Geographical Society)
Cambridge University Library	Publishers' Association
*Commonwealth Agricultural Bureaux	Royal Institute of British Architects
*Department of Education and Science: Office for Scientific and Technical Information	Royal Society
H.M. Stationery Office	Science Abstracts
*Institute of Information Scientists	*Science Museum Library
Institute of Journalists	Society of Indexers
*Library Association	*Standing Conference of National and University Libraries
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*Ministry of Technology	
*National Central Library	

The organizations marked with an asterisk, together with the following, were represented on the committees entrusted with the preparation of this standard:

British National Film Catalogue	Royal College of Physicians
Classification Research Group	Royal Institution of Chartered Surveyors
College of Aeronautics	United Kingdom Atomic Energy Authority
Ealing Technical College, School of Librarianship	University College London, School of Librarianship
Pharmaceutical Society of Great Britain	Individual Experts

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UNIVERSAL DECIMAL CLASSIFICATION

ENGLISH FULL EDITION

UDC 617 ORTHOPAEDICS. SURGERY. OPHTHALMOLOGY

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 19 of this volume.

Because the 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 the BSI.

This edition of UDC 617 Orthopaedics. Surgery. Ophthalmology includes modifications authorized in 'Extensions and corrections to the UDC' up to and including Series 6 No. 3, issued March 1967.

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 the 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
612 Physiology
613 Hygiene
614 Public health. Accident prevention
615 Pharmaceutics. Therapeutics. Toxicology

616 Pathology
617 Orthopaedics. Surgery. Ophthalmology
618 Gynaecology. Obstetrics
619 Comparative medicine. Veterinary medicine

NOTES ON AUXILIARY SIGNS AND SUBDIVISIONS*

Common auxiliaries. The common auxiliaries of form (0...), of place (1/9), of time '...', and of language =, are applicable throughout 61.

Special auxiliaries. In section 61 special auxiliaries are used to a great extent. These auxiliaries are developed in different ways for individual subsections and have correspondingly different meanings. They agree in part with the special auxiliaries of 5 Natural sciences.

The following synopsis explains the special auxiliaries developed in section 616 Pathology with -00 and -0.

616-001	Wounds	-009	Nervous disturbances
-002	Inflammation. Irritation. Hyperaemia. Obstruction with mucus. Inflammatory irritation	-01/-09	General viewpoints in pathology
-003	Degenerative processes	-018	Histology
-004	Sclerosis. Induration	-02	Aetiology
-005	Disturbances of circulation	-03	Different forms of diseases, their treatment. Administration of medications
-006	Tumours. Neoplasms. Blastomas. Choristomas. Haematomas. Oncology	-05	The patient (as a person)
-007	Physical defects of development. Smallness or largeness of organs. Anomalies. Teratology. Chemical monsters	-06	Complications
-008	Disturbance of function, activity and resistance of organs	-07	Semiology. Symptomatology
		-08	Treatment
		-091	Pathological anatomy
		-092	Pathological physiology. Pathogenesis
		-093/-098	Bacteriological and parasitological examination
		-099	Poisoning

Notes on UDC 617

SCOPE

The usual division of the study of disease into internal medicine and surgery can only be applied to a limited extent to bibliographical classification. In the course of development of medical science many diseases have passed from the medical to the surgical field and many diseases do not fall exclusively in one or the other. This problem only arises in regard to treatment: the pathological anatomy, diagnosis and prognosis of cancer of the stomach, for example, remain the same whether they are dealt with by physicians or surgeons. The type of treatment can be specified by the special auxiliaries of 616 Pathology, *e.g.*

- 085 Medical treatment
- 089 Surgical treatment

Nevertheless section 617 Surgery has been retained with the intention that general works on surgery, textbooks, dictionaries, society publications and congresses, shall find a place here.

Specific diseases demanding surgical treatment go in the subdivisions of 616 with the exception of those listed under 617.5 and 618.

Operative surgery in general is specified by 617-089. Individual operations belong to the subdivisions of 616, 617 and 618, and are indicated by the special auxiliary -089.

EXPLANATION OF OTHER SYMBOLS USED IN THE SCHEDULE

The arrow → is used to mean either 'see' or 'see also' according to the content 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 abridgement 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.