

## British Journal Of Radiology Supplement 25

A historical exploration of scientific disputes on the causation of so-called 'prion diseases', this fascinating book covers diseases including Scrapie, Creutzfeldt-Jakob Disease (CJD) and Bovine Spongiform Encephalopathy (BSE). Firstly tracing the twentieth-century history of disease research and biomedicine, the text then focuses on the relations between scientific practice and wider social transformations, before finally building upon the sociologically informed methodological framework. Incisive and thought-provoking, *The Social Construction of Disease* provides a valuable contribution to that well-established tradition of social history of science, which refers primarily to the theoretical works of the sociology of scientific knowledge.

An exploration of the relationship between scientific ideas, technology, government and politics, demonstrated by examples from the last 150 years, including the birth of the NHS, the Channel Tunnel, radiation protection, the atomic bomb and power, and nuclear power in the US and USSR.

Technical specifications of radiotherapy equipment for cancer treatment

Megavoltage Radiotherapy 1937-1987

A Selective List of Serials in the National Library of Medicine

Science, Politics and the Public Good

Data for Science and Technology

Cumulative listing

***Data for Science and Technology covers the proceedings of the Seventh International CODATA Conference. This text is comprised of 133 chapters with a total of 180 papers from 400 hundred authors, which cover CODATA concerned with environmental and energy questions along with problems of data banking and telecommunications network operations. This book provides valuable assessment of data and points out alternatives, trends, and requirements for the future, such as production and use of data in pure applied sciences; data for the development of human settlements in a dynamic world; informatical analysis of scientific research activities; and data on our evolutionary heritage. Researchers from all scientific fields will find this book a great source reference material, since it presents research from various disciplines.***

***From background physics and biological models to the latest imaging and treatment modalities, the Handbook of Radiotherapy Physics: Theory and Practice covers all theoretical and practical aspects of radiotherapy physics. In this comprehensive reference, each part focuses on a major area of radiotherapy, beginning with an introduction by the editors and then subdividing into self-contained chapters. The first three parts present the fundamentals of the underlying physics, radiobiology, and technology involved. The ensuing sections discuss the support requirements of external beam radiotherapy, such as dose measurements, properties of clinical beams, patient dose computation, treatment planning, and quality assurance, followed by a part that explores exciting new advances that include developments in photon and particle***

**therapy. Subsequent sections examine brachytherapy using sealed and unsealed sources and provide the framework of radiation protection, including an appendix that describes the detailed application of UK legislation. The final part contains handy tables of both physical constants and attenuation data. To achieve safe and effective radiotherapy, there needs to be a close understanding among various disciplines. With contributions from renowned specialists, the Handbook of Radiotherapy Physics: Theory and Practice provides essential theoretical and practical knowledge for medical physicists, researchers, radiation oncologists, and radiation technologists.**

**Tolerance and Failure in Complex Biological Systems**

**National Library of Medicine Current Catalog**

**Biomedical Serials, 1950-60**

**A Survey, Prepared by the Scientific Sub-Committee of the Hospital Physicists' Association, of Central Axis Depth-dose Data Measured in Water Or Equivalent Media**

**Handbook of Radiotherapy Physics**

**BJR Supplement**

Issues for 1977-1979 include also Special List journals being indexed in cooperation with other institutions. Citations from these journals appear in other MEDLARS bibliographies and in MEDLING, but not in Index medicus.

A keyword listing of serial titles currently received by the National Library of Medicine.

Ionizing Radiations

Central Axis Depth Dose Data, for X Radiations of Half Value Layers from 0.01 Mm. A1 to 15.0 Mm. Cu, Cobalt 60 Radiation, H.V.L. 11 Mm. Pb, and Betatron Radiation, 22 MeV

Radiology UK 1996

Fundamental and Practical Aspects : Proceedings of a Workshop Held in Saclay, France, 9-11 October 1985

Theory and Practice

Periodicals Currently Received in NIH Library

Vols. for 1963- include as pt. 2 of the Jan. issue: Medical subject headings

External Beam Therapy is used to aim highly focused beams of radiation at the edge of the site where cancer is found. This second edition provides practical guidance of the use of External Beam Therapy, taking the reader through the basic principles covering indications, treatment, and then developing this by individual sites.

Periodicals Currently Received in the NIH Library

Clinical Radiotherapy Physics

A Survey Made by the Scientific Sub-committee

Cumulated Index Medicus

The British Journal of Radiology

External Beam Therapy

First multi-year cumulation covers six years: 1965-70.

This supplement brings together the contributions of 46 eminent international experts in research related to radiation medicine and radiobiology.

From Scrapie to Prion

A Survey, Prepared by the Scientific Sub-committee of the Hospital Physicists' Association, of Central Axis Depth-dose Data Measured in Water Or Equivalent Media

Ed. by F. G. Spear

List of Journals Indexed for MEDLINE

Essays in Honour of Margaret Gowing

Supplements

An in-depth introduction to radiotherapy physics emphasizing the clinical aspects of the field. This second edition gradually and sequentially develops each of its topics in clear and concise language. It includes important mathematical analyses, yet is written so that these sections can be skipped, if desired, without compromising understanding. The book consists of seven parts covering basic physics (Parts I-II), equipment for radiotherapy (Part III), radiation dosimetry (Parts IV-V), radiation treatment planning (Part VI), and radiation safety and shielding (Part VII). An invaluable text for radiation oncologists, radiation therapists, and clinical physicists.

List of Serials and Monographs Indexed for Online Users

The Value of the Radiographic Study of the Sella Turcica in the Morbid Anatomical and Topographic Diagnosis of Intracranial Tumours

Index Medicus

Proceedings of the Seventh International CODATA Conference, Kyoto, Japan, 8-11 October 1980

Current Catalog

Treatment Simulators