Information Mgmt/Access Series

Guide to the Literature of Polysomnography, 2011

Center for Healthcare Informatics Education

Health Sciences Library
Stony Brook University
8034 SUNY, HSC Level 3, Room 136
Stony Brook, NY 11794-8034
Guide to the Literature of Polysomnography

In the Health Sciences Library, Stony Brook University

Databases

**Academic Search Complete**
Scholarly, multi-disciplinary database with over 6,100 full text journals, 5,100 peer-reviewed journals, and indexing for over 10,000 journals. Some non-journal publications are also indexed.

**AccessMedicine**
Includes texts for Current Medical Diagnosis & Treatment, Harrison’s Online, Goodman & Gilman’s The Pharmacological Basis of Therapeutics, Hurst’s The Heart, and many other titles in addition to the Lange Educational Library for on-going study, review, and reference.

**ACP Journal Club**
ACP Journal Club’s general purpose is to select from the biomedical literature those articles reporting original studies and systematic reviews that warrant immediate attention by physicians attempting to keep pace with important advances in internal medicine. These articles are summarized in “value added” abstracts and commented on by clinical experts.

**CINAHL Plus with Full Text**
Provides authoritative coverage of current literature in nursing and allied health. Covers 1982 to the present with over 1,175 journals regularly reviewed and indexed. The CINAHL database includes journal articles, books and book chapters, pamphlets, dissertations, standards of professional practice, conference proceedings, educational software and audiovisuals.

**The Cochrane Database of Systematic Reviews (CDSR)**
The CDSR contains two types of documents: Cochrane Reviews and Cochrane Protocols. Cochrane Reviews are full-text systematic reviews which provide an overview of the effects of interventions in health care. The reviews are highly structured and systematic. Evidence from clinical trials is included or excluded on the basis of explicit quality criteria, thus minimizing bias. Each review covers a specific and well-defined area of health care. Data from reviews are often combined statistically to increase the power of the findings of numerous studies, which on their own may be too small to produce reliable results. In such cases, the review may also include graphs presenting the data from each individual study.

Cochrane Protocols provide information about reviews which are currently being written. They summarize the background, the rationale and proposed methods of the review, and are published in the hope that people will comment on the plans and identify omissions or mistakes before the review is completed.

**Database of Abstracts of Reviews of Effectiveness (DARE)**
DARE contains structured abstracts of high-quality systematic reviews published in the scientific literature. DARE also contains references to other reviews which may be useful for background information. The reviews are identified by searching through key medical journals, bibliographic databases and less widely-available “grey literature”. A paper will be included if it reviews the effectiveness of health care interventions or organization. The quality of the database content is controlled by ensuring that all reviewers work to specified guidelines, and that independent checks on the review process are carried out. Records do not contain the full text of the original article.

**Gateway (NLM)**
The NLM Gateway allows users to search in multiple retrieval systems at the U.S. National Library of Medicine (NLM). Besides MEDLINE/PubMed, the current Gateway searches:
• TOXLINE® Subset -- collection of bibliographic information covering the biochemical, pharmacological, physiological, and toxicological effects of drugs and other chemicals;

• DART® -- developmental and reproductive toxicology

• LOCATORplus -- online catalog covering over 1.2 million catalog records for books, audiovisuals, journals, computer files, and other materials in the Library's collections;

• MedlinePlus -- website for consumer health information;

• ClinicalTrials.gov -- clinical research studies for patients, family members and members of the public;

• DIRLINE® -- directory information containing location and descriptive information about a wide variety of information resources including organizations, research resources, projects, and databases concerned with health and biomedicine;

• Bookshelf -- full-text biomedical books

• Meeting Abstracts -- meeting abstract from multiple databases;

• HSRProj -- project records for health services research, including health technology assessment and the development and use of clinical practice guidelines;

• OMIM -- catalog of human genes and genetic disorders;

• Genetics Home Reference -- a guide to understanding genetic conditions;

• HSDB® -- a toxicology data file focused on the toxicology of potentially hazardous chemicals;

• CCRIS -- chemical carcinogenesis research information system;

• GENE-TOX -- genetic toxicology (mutagenicity);

• IRIS -- integrated risk information system;

• ITER -- international toxicity estimates for risk;

• Profiles in Science® -- celebrates twentieth-century leaders in biomedical research and public health;

• Household Products Database -- learn more about what's in these products, about potential health effects, and about safety and handling.

Health Reference Center Academic
Multi-source database providing access to full text of nursing and allied health journals, plus a wide variety of reliable personal health information sources for researchers, especially nursing and allied health students.

LEXIS-NEXIS Academic Universe
LEXIS-NEXIS® Academic Universe provides access to a wide range of news, legal, business, medical and reference information. It couples the convenience of the Internet with the power of LEXIS -NEXIS® services so you can quickly and easily retrieve documents that meet your specific current research needs.

Long Island Union Catalog (LILCat)
Check journal titles (volumes and issues) that are owed by Long Island academic, public and special libraries before making the trip to use them.
MDConsult
MDConsult core collection helps physicians answer clinical questions and stay abreast of recent developments by integrating: 50 respected medical reference books, 80 medical journals and clinics, MEDLINE, comprehensive drug information, more than 1,000 clinical practice guidelines, nearly 10,000 customizable patient education handouts, daily personalized clinical updates, and online CME.

MEDLINE—available either from OVID or PubMed
PubMed, a service of National Library of Medicine, includes over 20 million citations for biomedical articles dating back to the 1950’s. These citations are from MEDLINE and additional life sciences journals. PubMed includes links to many sites providing full text articles and other related resources.

National Guideline Clearinghouse (NGC)
NGC is a public resource for evidence-based clinical practice guidelines and related documents. The database provides physicians, nurses, and other health care providers an accessible mechanism for obtaining objective, detailed information on clinical practice guidelines and to further their dissemination, implementation and use.

PsycARTICLES
This database provides full text articles on current issues in psychology from respected sources, spanning from 1894 to the present. PsycARTICLES includes more than 141,000 full text articles from 66 journals published by American Psychological Association and 13 allied organizations.

Web of Science
ISI Web of Science consists of five high-quality databases containing information gathered from thousands of scholarly journals in all areas of research: Science Citation Index Expanded, Social Sciences Citation Index, Arts & Humanities Citation Index, Index Chemicus, and current chemical reactions. The three citation databases contain references cited by authors of the journal articles they cover. You can use these cited references as search terms. A cited reference search enables you to use a published work that you know to find other, later work that cited it.

Polysomnography Reference Materials

AHA Guide to the Health Care Field
RESV WX 22 AA1 A53 2007
A guide to United States hospitals, health care systems, networks, alliances, health organizations, agencies, and providers.

Gale Encyclopedia of Medicine
Available from the Health Sciences Library e-book list
A reference source that includes about 1,700 entries for all areas of medicine in short, concise format.

Gale Encyclopedia of Nursing and Allied Health
Available from the Health Sciences Library e-book list
Provides more than 850 entries covering topics in nursing and allied health for students and professionals.

Hardin Meta Directory of Internet Health Resources
http://www.lib.uiowa.edu/hardin/md/resp.html
Hardin MD, provided by the University of Iowa, serves as a “directory of directories”. It intends to contain the best lists of information in health and medicine, links to respiratory system and lung diseases section.

Health Care Careers Directory
REF W 22 AA1 H434 36th ed. 2008-2009
Contains indispensable information on 8,000 U.S. educational programs in 77 health professions, including respiratory therapist and respiratory therapist assistant.
Official ABMS Directory of Board Certified Medical Specialists
REF W 22 AA1 032 40th Ed. 2008
A directory of board certified physicians authorized by the 24 member boards of the American Board of Medical Specialties.

Reported Tuberculosis in the United States
REF WF 200 R425 2006
Presents summary data for TB cases reported to the Division of TB Elimination of the Centers for Disease Control and Prevention.

Top Doctors: New York Metro Area
REF W 22 AN7 T673 2006
Provides detailed information on more than 6,000 well-trained, highly competent physicians from which to choose for healthcare needs.

Current 2011 Journal Subscriptions

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<th>TITLE</th>
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<tr>
<td>ACP. Applied Cardiopulmonary Pathophysiology</td>
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<td>American Journal of Physiology, Lung Cellular and Molecular Physiology</td>
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<td>American Journal of Respiratory and Critical Care Medicine</td>
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<td>American Journal of Respiratory Cell and Molecular Biology</td>
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<td>Annals of Allergy, Asthma, &amp; Immunology</td>
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<td>Annals of Thoracic Medicine</td>
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<td>BMC Pulmonary Medicine</td>
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<td>Canadian Journal of Respiratory Therapy</td>
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<td>Current Allergy and Asthma Reports</td>
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<td>Current Medical Literature. Respiratory Medicine</td>
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<td>Experimental Lung Research</td>
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<td>FOCUS: Journal for Respiratory Care &amp; Sleep Medicine</td>
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<td>Heart &amp; Lung: The Journal of Acute and Critical Care</td>
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<td>Heart, Lung &amp; Circulation</td>
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<td>Indian Journal of Chest Diseases and Allied Sciences</td>
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<td>Influenza and Other Respiratory Viruses</td>
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<td>International Journal of Chronic Obstructive Pulmonary Disease</td>
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<td>Journal de Pneumologia</td>
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<td>Journal of Asthma and Allergy</td>
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<td>Journal of Cardiopulmonary Rehabilitation and Prevention</td>
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NOTE: This is not a complete list of polysomnographic technology and related journal titles available from the Health Sciences Library. Please check the library catalog for older print and electronic titles, the e-journal list on the library’s website, ScienceDirect, and Melville Library catalog and/or website to verify specific electronic and print volumes and issues.

Professional Issues Websites

http://www.aasmnet.org
American Academy of Sleep Medicine
Offers educational opportunities, resources, and professional training to help sleep specialists and other medical professionals provide exceptional health care for people with sleep-related problems.

http://www.aastweb.org
American Association of Sleep Technologists
The premier allied health membership association of professionals dedicated to improving the
quality of sleep and wakefulness in all people, and a leading advocate for the sleep technology profession.

http://www.aarc.org  
**American Association for Respiratory Care**  
Professional association for promoting good lung health, providing educational opportunities for respiratory therapists, publishing journal, magazines, and newsletters, and hosting conferences, and seminars.

http://www.lungusa.org  
**American Lung Association**  
Oldest voluntary health organization in the United States, with a National Office and constituent and affiliate associations around the country.

http://www.arcfoundation.org  
**American Respiratory Care Foundation**  
The ARCF is a not-for-profit organization formed for the purpose of supporting research, education, and charitable activities.

http://www.sleepapnea.org  
**American Sleep Apnea Association**  
Dedicated to reducing injury, disability, and death from sleep apnea and to enhancing the well-being of those affected by this common disorder.

http://www.sleepassociation.org  
**American Sleep Association (ASA)**  
A national organization focused on improving public awareness about sleep disorders and sleep health, promoting sleep medicine research, and providing a portal for communication between patients, physicians/healthcare professionals, corporations, and scientists.

http://www.thoracic.org  
**American Thoracic Society**  
Society founded in 1905 and concentrating on critical care and respiratory medicine. Site includes information on society publications and activities, on advocacy, and has a section giving tips on using handheld computers.

http://www.lunguk.org  
**British Lung Foundation**  
Funds research into all lung diseases, offers support for everyone affected by lung disease, provides information on lung disease and promotes lung health.

http://www.lung.ca  
**Canadian Lung Association**  
The mission of the Canadian Lung Association is to lead nationwide and international lung health initiatives, prevent lung disease, help people manage lung disease and promote lung health.

http://www.coarc.com  
**Committee on Accreditation for Respiratory Care**  
Use this website to search for accredited respiratory care programs by profession, by Baccalaureate and Masters degree, and by state.

http://www.ersnet.org  
**European Respiratory Society**  
A membership society promoting respiratory medicine in Europe, in conjunction with national societies. Site includes medical and public health information produced by the society, and information about publications and activities.

http://www.le.ac.uk/medicine/ILH/index.htm  
**Institute for Lung Health**
Interdisciplinary research group based in Leicester, emphasising links between research and clinical practice and researching new treatments. Also promotes education and training in respiratory medicine and aims to establish an identifiable research network in the Leicester area.

http://www.irccouncil.org
International Council for Respiratory Care (ICRC)
The Council, comprised of governors from various countries worldwide, addresses issues affecting educational, medical, and professional trends in the global respiratory care community.

Lung Diseases, MedlinePlus
Excellent site for consumers and patients interested in lung diseases and their treatment from recognized authorities.

http://www.lungnet.org.au
LungNet

http://www.nrtc-usa.org
National Respiratory Training Center
Trains allied health professionals throughout the United States to improve the care of patients with respiratory and allergic disease.

http://www.sleepfoundation.org
National Sleep Foundation
Alerting the public, healthcare providers and policymakers to the life-and-death importance of adequate sleep is central to the mission of NSF.

http://www.op.nysed.gov
Office of the Professions, New York State Education Department
Online License verification and summaries of professional discipline cases for 47 professions, including respiratory therapist and respiratory therapist assistant.

http://www.hsc.stonybrook.edu/shtm/poly
Stony Brook University Polysomnographic Technology Program
Students are required to successfully complete four Respiratory Care Program courses for college credit and eight non-credit instruction sections. The program enrolls approximately 10 students each year.

http://www.bls.gov/oco/ocos084.htm
U.S. Department of Labor, Bureau of Labor Statistics
Government information on respiratory therapists, including nature of the work, working conditions, employment, training, qualifications and advancement, job outlook, earnings and other sources for additional information.

Statistics

Health, United States, 2009 with Chartbook on Trends in the Health of Americans
Available on Health Sciences Library e-book list
Presents statistics concerning recent trends in the health care sector and the geographic variations. Compares and contrasts states for overall health data.

Healthy People 2010
REF WA 540 AA1 H4342 2002
Healthy People 2010 reflects the scientific advances that have taken place in the last 20 years in preventive medicine, diseases surveillance, vaccine and therapeutic development, and information technology. Later editions of this publication are available at:
http://www.healthypeople.gov
National Center for Health Statistics: Health, United States, 2009
http://www.cdc.gov/nchs/hus.htm
This resource presents statistics about trends in the health care and geographic variations. The complete PDF report with interactive links is designed to provide easy access to the wealth of data contained in Health, United States.

National Health Statistics Reports
Available on Health Sciences Library e-journal list
These reports provide early release of data from the National Center for Health Statistics’ health and demographic surveys. Many of these releases are followed by detailed reports in the Vital and Health Statistics series.

New York State Statistical Year Book
REF HA 544 A2 28th 2003
Guide to the social, economic, culture and physical health of New York State. Later editions of this publication are available at: http://www.rockinst.org/nys_statistics

STAT-USA
http://www.stat-usa.gov
STAT-USA provides authoritative statistical information for federal business, trade and economic information.

Statistical Universe
Available on the Health Sciences Library database list
Statistical Universe indexes statistical data published in federal, state, and selected privately published titles, at the table level. In some cases the full text of the document is also available.

Statistics for Health Care Professionals: An Introduction
WA 950 S426s 2005
By reading and using this book, you will be encouraged to evaluate statistical analysis and its relationship to evidence-based practice.

Statistics in Medicine
Available on Health Sciences Library e-journal list
This journal publishes papers on practical applications of statistics and other quantitative methods to medicine and its applied sciences. Specific areas include clinical trials, diagnostic studies, quality control, laboratory experiments, epidemiology, and health care research.

Selected Textbooks

Atlas of Digital Polysomnography
WL 17 A882 2000
Accurate diagnosis through the recording of multiple physiologic functions is an essential prerequisite for a rational approach to the management of sleep disorders.

Cardiopulmonary Anatomy & Physiology: Essentials for Respiratory Care
WF 101 D441c 2008
Divided into three sections: the cardiopulmonary system, advanced cardiopulmonary concepts and related areas, and the cardiopulmonary system during unusual environmental conditions.

Clinical Assessment in Respiratory Care
WF 141 W684c 2010
Provides relevant information related to the knowledge and skills needed for the respiratory therapist to be competent at patient assessment.

Clinical Manifestations and Assessment of Respiratory Disease
WF 140 D441c 2006
The student is provided with the basic knowledge and helpful tools to gather clinical data
systemically and then document essential treatment steps clearly.

**Egan’s Fundamentals of Respiratory Care**  
RESV WB 342 E28 2009  
In addition to providing the fundamental knowledge for the safe and effective administration of inhalation therapy, the book emphasizes the role of respiratory care in the management and prevention of disease. Pathophysiology and patient assessment, common clinical problems encountered by respiratory care practitioners, basic therapeutics—Airway Pharmacology and Aerosol Drug Administration, and respiratory care in alternative settings are also covered.

**Emergency Airway Management**  
WF 145 E53 2009  
Specific chapters address key issues such as airway assessment, oxygen therapy, basic airway management techniques and indications for intubation.

**Fishman’s Pulmonary Diseases and Disorders**  
WF 600 F537 2008  
Organized to ensure that the specialized as well as the general aspects of pulmonary medicine are expertly covered and well presented.

**Handbook of EEG Interpretation**  
WL 39 H23657 2008  
Essential “bottom-line” information is provided as a supplement for clinical readers with the many challenges of EEG interpretation.

**Kendig’s Disorders of the Respiratory Tract in Children**  
WS 280 K331 2006  
Provides coverage of the latest treatments and respiratory care for infants and children with both common and rare childhood disorders of the lungs.

**Non-Invasive Respiratory Support Techniques**  
WF 145 E76n 2009  
A practical guide to oxygen therapy, non-invasive ventilation and continuous airway pressure clearly defining when and how various treatments are used.

**Primary Care Sleep Medicine: A Practical Guide**  
WM 188 P952 2007  
An important book because an increasing number of patients with sleep disorders are seen in primary care practices.

**Principles and Practice of Pediatric Sleep Medicine**  
WM 188 P9565 2005  
Diagnosis and management of sleep disorders in children can improve the lives of children and other family members alike.

**Principles and Practice of Sleep Medicine**  
WM 188 P957 2005  
Knowledge of the neurobiological control of sleep-wake and other sleep-related physiology has grown exponentially and there are ever greater opportunities for effective treatment strategies.

**Pulmonary Pathophysiology: The Essentials**  
WF 600 W514p 2008  
Emphasizes the function of the diseased lung, with appropriate consideration of the relationship of structure to function. Provides the essentials of what students need to know.

**Pulmonary Physiology and Pathophysiology: An Integrated, Case-Based Approach**  
WF 140 W518p 2007  
The book is focused on pulmonary physiology and pathophysiology but also includes some anatomy, pharmacology, and pathology to illustrate case histories of patients.
Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice
WF 102 B365r 2007
This book provides respiratory therapy students and practicing therapists with a physiological foundation to support clinical practice.

Respiratory Disease: A Case Study Approach to Patient Care
WF 140 R43410 2007
The intended audience is students enrolled in a respiratory care program, and practitioners preparing for the National Board for Respiratory Care exams.

Respiratory Physiology: The Essentials
RESV WF 102 W518r 2008
This book serves as the gold standard for medical students, health science students, residents, and practitioners on the functions of the respiratory system. It’s a concise, authoritative and clear-written resource.

Sleep Deprivation: Clinical Issues, Pharmacology, and Sleep Loss Effects
WF 5 L963 v. 193 2005
Sleep deprivation is a medical issue, but also a social one and this book advocates for change in educational and professional situations where sleep deprivation is currently the norm.

Snoring and Obstructive Sleep Apnea
WF 143 S673 2003
Provides a condensed, practical guide to the understanding of sleep and breathing disorders, of their diagnosis, and of their surgical and medical management.

Writing

American Medical Association Manual of Style: A Guide for Authors and Editors
REF WZ 345 A511 2007
Helpful style manual for writing research papers in field of Respiratory Care, including style recommendations for electronic resources and electronic publishing issues.

The APA Style of Documentation: A Pocket Guide
RESV WZ 345 P9575a 2010
This guide demonstrates the fundamentals of documentation for collegiate writing and helpful sections on finding, evaluating, and integrating sources.

Concise Rules of APA Style
RESV WZ 39 C744 2010
Following these guidelines you can express your ideas in a form and style familiar to a broad range of readership groups.

How to Write a Paper
WZ 345 H68 2008
Covers the basics of scholarly writing including structure, writing various kinds of papers, and the publishing process from start to finish publication.

Mastering APA Style: Instructor’s Resource Guide
RESV WZ 345 M423 2010
The American Psychological Association’s answer to the expressed need of both instructors and those who need to learn APA style.

Pocket Guide to APA Style
REF BF 76.7 P47 2007
Designed for students who need to write, document, and present papers in he American Psychological Association style.
Publication Manual of the American Psychological Association  
RESV WZ 345 A512p 2010  
This book assists with content, preparation, and organizational structure of papers and manuscripts. Check with your instructor to find if there is a preference for a particular style format before submitting your papers.

A Writer's Reference  
RESV PE 1408 H2778 2007  
A tabbed handbook that teaches the mechanics of writing, the basics of academic writing, sentence style, punctuation, and researching.

Writing a Biomedical Research Paper: A Guide to Structure and Style  
WZ 345 B927w 2009  
Content by itself is not enough, style makes all the difference with readers in keeping their interest.

Writing Patient/Client Notes: Ensuring Accuracy in Documentation  
WB 18.2 K43wa 2009  
This book is written to help new practitioners learn the skill of writing patient care notes to document patient care.

Writing with Style: APA Style Made Easy  
REF HM 586 S9985w 2008  
This book calls attention to the style of writing used in professional journals and leads them through a process of collecting examples of words, phrases, and sentences that illustrate the essential stylistic components.

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