
Selected list of books and journals for the small medical library

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In the introduction to this revised list of 607 books and 141 journals, quality assurance programs of health care institutions and patient education are suggested as vehicles for more directly involving the hospital library and its collection in patient care. This list is intended as a selection guide for the small or medium-sized library in a hospital or comparable medical facility, or as a core collection for a consortium of small hospital libraries. Books and journals are categorized by subject; the book list is followed by an author/editor index, and the subject list of journals by an alphabetical title listing. To purchase the entire collection of books and to pay for 1989 subscriptions would require about \$63,500. The cost of only the asterisked items totals \$24,000.

As we settle into the last year of this decade, it is an appropriate time to look back at the impact of the hospital library on the health care environment of the 1980s and to look ahead to its potential in the health care setting of the 1990s.

Ten years ago, many of us in the health sciences library community had viewed the 1980s as the upcoming, glowing decade of the hospital library. Our overenthusiastic optimism had been based on the advances made in the 1970s, which had firmly established the position of the hospital library in relation to all other types of health sciences libraries. The Regional Medical Library Program had designated the hospital library as the "basic health sciences library." Besides that, the Joint Commission on Accreditation of Hospitals (JCAH), now the Joint Commission on Accreditation of Healthcare Organizations (JCAHO), had significantly upgraded its requirements for professional library services in hospitals and had mandated that the provisions of such services be guided by written policies and procedures. Even the interrelationship between the library and other

hospital units had to be shown in the overall hospital organization plan [1].

Throughout the nation, hospital library collections were being upgraded and expanded. Selection lists were no longer only wish lists; they were really guides for collection development. It seemed that if the hospital librarian studied and defined the information needs of the institution, translated those needs into the managerial language of goals and objectives, and learned the strategies of the battle of the budget, an upgraded, adequately supported, optimally functioning hospital library would be the predictable outcome. Use of such a resource would obviously become an integral part of the day-to-day activities of physicians, nurses, and other patient care providers. For many hospital libraries, that scenario did not materialize.

STATUS OF THE HOSPITAL LIBRARY

Unfortunately, little thought had been given to the skyrocketing health care costs of the 1970s and the

resulting implications for the hospital library. The onset of the 1980s witnessed the bottom falling out of the health care industry's financial boat. Hospitals were thrown into a cost-constrained, prospective payment environment. Government and third-party payers were demanding that providers become efficient and produce more appropriate health care per allocated dollar. Cutting institutional fat became the task of the hospital administrator, and nonrevenue-producing areas such as the library became prime targets for dissection. In 1984, the Health Care Financing Administration (HCFA) gave notice that hospital library expenses could no longer be included in medical education pass-through costs.

A second blow to the hospital library came in 1985 when the JCAH redesigned the format of the *Accreditation Manual for Hospitals* (1986 edition). The new format included a numbering system and rating scale with asterisks used "to denote those standards and required characteristics that are key requirements and, as such, are fundamental to the accreditation decision process" [2]. Neither of the two standards for the hospital library was marked with an asterisk in the 1986 edition, and the same is true for the 1989 edition. In 1986, the HCFA went even further by no longer requiring that a hospital support a library in order to be eligible to take part in the Medicare/Medicaid reimbursement program. From this evidence, the HCFA and the JCAHO do not appear to consider the hospital library an essential patient care entity, although the JCAHO does point out that "all standards have important implications for the delivery of high-quality health care" [3].

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In many institutions, hospital librarians and hospital libraries are being required to justify their reason for being and their economic value in the health care setting. Placing monetary value on information services is very difficult to do. Instead of basking in a golden decade, hospital librarians have been faced with cost containment, cost effectiveness, cost-benefit analysis, zero-based budgeting, fee-based services, cost control, strategic planning, diagnostic-related groups (DRGs), and quality assurance programs. Not only is this the situation that exists in the 1980s, but it also looms as the likely scenario in the 1990s unless an unexpected financial miracle occurs.

With the spiraling cost of books and journals and ever-tightening fiscal constraints in the health care

sector, we often wonder if compiling the list of books and journals that follows is an exercise in futility on our part. Will the hospital library collection survive in the coming years? And yet, we do know of many research- and education-oriented hospitals whose libraries are considered as assets by their users and are supported by their institutions; it is not these libraries that are the likely candidates for extinction. Instead, it is the library that exists in the acute care hospital, primarily as an informational resource for providers of patient care, which is at much greater risk—unless that library is considered by the administration and medical staff as an integral component of patient care. Typical hospital librarians feel that they are definitely making a worthwhile contribution to the quality of patient care that takes place within the institution. But, it is difficult to supply concrete evidence to the administration to support such feelings [4].

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QUALITY ASSURANCE AND PATIENT EDUCATION

There are two excellent entry points for bringing the hospital library into the patient care arena. One is the institutional quality assurance program, and the other is patient education. While there are certainly a number of hospital librarians who are already involved in one or both programs, we have spoken to hospital librarians who want no part of either one. The mere fact that so many hospital libraries have not been included in their institutions' quality assurance programs is a strong statement on the part of the administration regarding the library's contribution to patient care. For this very reason, there are hospital librarians who have aggressively sought inclusion for the library in the quality assurance program.

It has been ten years since the JCAHO issued its quality assurance standard, and quality assurance is now a requirement for accreditation. The purpose of this standard is to integrate all quality assurance activities into a single, hospital-wide program to improve patient care. Quality assurance in the health care industry focuses on results and not on the methods for achieving those results. At times, librarians tend to focus on methods to the detriment of outcomes.

While the term "quality assurance" is familiar to all health sciences librarians, this is not necessarily true for its specifics. The first problem is how to define "quality," an attribute that is difficult to define or measure. In fact, most of us have a very individualized concept of quality and hold to the premise that one individual's treasure is another individual's trash. A quality collection in one library might not be judged as such in another one. In today's stressed health care environment, we must adhere to a more precise definition and measurement of quality, and so, standards, sometimes seemingly arbitrary and contrived, are defined. Standards currently being used by hospital libraries include those specified by the JCAHO [5], the Medical Library Association [6], the New York State Library [7], the Canadian Medical Association [8], and the three selected lists that we compile (small medical library, nursing, and allied health sciences). The necessity for having libraries adhere to these "standards" is a debatable topic among librarians.

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For example, we consider the selected lists that we compile as collections of literature that we would buy if we were setting up a hospital library, a nursing collection, or an allied health collection. We are not trying to set standards. All three lists have come about because of specific, existing needs. During the 1940s and 1950s, hospital librarians had relied on a selected list of books and periodicals that was issued by the American Medical Association (AMA); the last one appeared in 1959 [9]. While Al Brandon was director of the Welch Medical Library of Johns Hopkins University, he worked extensively with the Baltimore Hospital Librarians Group and soon became aware of how important the AMA list had become to them. At the same time, he was also interested in compiling a subject list of books and journals that might be helpful in working with the forty departmental collections that existed in the medical school and hospital at Hopkins. In order to address both of these problems, he decided to create a current list of selected books and journals for the small medical library based on the 1959 version of the AMA list. His resulting list, of course, was the first version of this one, published in 1965. In the 1970s and 1980s, nursing and allied health programs were moving from hospital to academic settings, and selection guides were needed especially by academic librarians who had little famil-

ilarity with health sciences books and journals. It was for this purpose that we developed the nursing (1979) and allied health (1984) lists.

After reading extensively on the subject of quality assurance, it no longer seemed to be such a mysterious subject to us, and it became clear that librarians have been involved for a long time in many activities that are now gathered together under the name of quality assurance [10]. A quality assurance program involves the entire library system, not just one aspect. There must be extensive documentation of the complete quality assurance process, which can be described briefly by the following nine steps: (1) Select the subject for review and a sample population; (2) Develop measurable criteria; (3) Ratify the criteria; (4) Evaluate existing services using the criteria; (5) Identify problems; (6) Analyze problems; (7) Develop solutions; (8) Implement solutions; and (9) Reevaluate services [11]. The institution's quality assurance guidelines should be molded and translated by the librarian to reflect the situation in the hospital library. That responsibility should not be turned over to anyone else. The librarian's approach to quality assurance must be a positive, learning experience, not a witch-hunt. The program should be kept realistic, feasible, and simple. Problem solutions must be based upon current support, but the quality assurance program does provide a means for the librarian to present more sophisticated problem solutions based on the possibility of increased institutional support—the situation as it might be.

Quality assurance programs vary widely in philosophy, sophistication, efficiency, and effectiveness. Qualitative performance indicators are more subjective in nature than are quantitative ones. Standards of quality do change in the health care industry, and its practitioners must adjust accordingly. Because of external third-party pressures and professional accountability, quality assurance is not likely to disappear in the near future, although it may eventually parade under some other name. Hospital librarians who have avoided quality assurance assignments are more likely to be involved in the upcoming months, for hospitals are now beginning to consider their entire operation as affecting the quality of patient care. With a little early preparation on the part of the hospital librarian, the quality assurance program can be an advantageous experience for both the library and the librarian in the institutional setting. The book that addresses quality assurance in total, *Quality Assurance: A Complete Guide to Effective Programs*, is geared toward nursing, but its principles are applicable to departments throughout the hospital, including the library [12]. Until a quality assurance guide is written for health sciences libraries, this book provides the librarian with an in-depth, understandable presentation of the subject.

What better way is there to involve the library in direct patient care than through the patient education program? In a competitive marketing environment, health care personnel's growing awareness of the need for greater sensitivity to patients eventually should result in added support for patient education programs. Patient education, properly carried out, can be a means of reducing medical costs and improving the quality of care. In some institutions, the patient education element is beginning to be incorporated into DRG-specific patient care protocols. Working with physicians, nurses, and other health professionals to develop a patient education library collection allows the librarian to interact professionally in a clinical environment and to make a direct contribution to patient care. Before becoming involved with any patient education programs, the hospital librarian should be aware of consumer health information basic references and journals [13-15]. Separate patient education libraries are also being established in some hospitals [16].

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By participating in quality assurance and patient education activities, hospital librarians are in a much better position to market the library and its collection as a viable informational resource to health care professionals with whom they might never otherwise come in contact. It is also important that the library collection as an informational resource is worth marketing! The list of books and journals that follows is intended to be used as a guide for developing or updating a library collection in a hospital or comparable facility involved primarily in patient care. It can also be used as a model for a core collection in a hospital consortium sharing library resources. Earlier versions have been incorporated into grant requests and, as previously mentioned, into quality assurance programs. Although the list is compiled with the hospital librarian in mind, it has been used by other health sciences librarians, by public librarians, by physicians for personal book selection, and by instructors in teaching programs.

LIST COMPILATION

The books and journals that are included in the 1989 list are the result of both our having monitored the

health sciences literature over the past two years and our extensive collection development experience in health sciences libraries. The majority of the publications are clinical in content, although we have included clinically relevant basic sciences books. We have not included any basic sciences journals because most hospital libraries cannot justify the extremely high subscription rates for low-use material. In hospital libraries, basic sciences journals, if required,

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should be purchased on a resource-sharing basis with other institutions. In many cases, interlibrary loan access is sufficient. The journal list is not adequate to support research activities. As in the past, we have tried to put together a well-balanced current collection of authoritative English-language books and journals, primarily covering the clinical sciences. Most, but not all, of the publications originate in the United States. When two books are of comparable content and authorship, we have purposely chosen the most recent one. In the 1989 book list, 79% of the titles have been published in 1987 or later; all have been published in the 1980s. We have emphasized current books, and some of the "standards" that have not been updated for several years may have been dropped from the list. In other instances, we have included newly revised editions of standard works that did not appear in the 1987 list. We continue to point out that "newer" does not necessarily mean "better." This list by no means represents complete coverage of all quality literature in the various health sciences disciplines; it represents our choices.

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Whenever possible, we have tried to provide inexpensive alternatives to expensive books, but in many subject areas, inexpensive quality books no longer exist. In choosing publications for this list, we have taken into account comments, criticisms, and suggestions from health sciences librarians, subject specialists, and clinicians. Price information has been supplied by publishers and dealers and is as accurate as we could obtain at the time of publication. Price increases should be expected over time.

Table 1
Increases in price

	1965 List	1967 List	1969 List	1971 List	1973 List	1975 List	1977 List	1979 List	1981 List	1983 List	1985 List	1987 List	1989 List
Books													
Average cost per book title	\$15.00	\$16.22	\$17.04	\$19.11	\$21.20	\$23.33	\$28.18	\$34.76	\$42.96	\$55.35	\$60.97	\$67.83	\$80.87
Average book cost % increase*	—	8.1%	5.1%	12.1%	10.9%	10.0%	20.8%	23.3%	23.6%	28.8%	9.2%	11.3%	19.2%
Journals													
Average cost per journal subscription	\$13.90	\$14.85	\$17.61	\$20.73	\$23.90	\$29.71	\$35.14	\$40.27	\$52.44	\$59.00	\$70.46	\$85.13	\$101.92
Average journal subscription cost % increase*	—	6.8%	18.6%	17.7%	15.3%	24.3%	18.3%	14.6%	30.0%	12.5%	16.3%	20.8%	19.7%
Total cost	\$7,080	\$8,372	\$9,265	\$10,232	\$12,000	\$14,500	\$18,200	\$22,500	\$30,000	\$38,900	\$45,200	\$52,600	\$63,500

* Percentage increases calculated on the average prices of the preceding list.

This list is limited to print media—books and journals—although we are still being asked to include audiovisuals and microcomputer software. Since both of these media are frequently designed for self-instruction or curriculum use, we feel that lists of such items are not especially useful in a general context. Instead of consulting a list, a hospital librarian who must acquire audiovisuals or microcomputer software, but lacks familiarity with the media, should ask for help from another hospital librarian who has initiated a successful media program or from an academic media resource center. The Audiovisual/Computer Assisted Instruction Department of the University of Connecticut Health Center Library has compiled a listing, by subject and title, of their audiovisual holdings [17]. A *Nursing Educator* article on selecting audiovisuals [18] and the audiovisual services chapter in *Hospital Library Management* [19] are especially useful.

COSTS

Approximately \$63,500 would be needed to purchase all of the 607 books and 141 journals (1989 subscriptions) on this list—\$49,100 for books and \$14,400 for subscriptions. Items suggested for first purchase, 210 books and fifty-six journals, are designated by asterisks, since many hospital librarians cannot afford or may not need all or even most of the listed publications. To purchase only the asterisked books and journals, the cost is about \$24,000—\$18,600 for books and \$5,400 for 1989 journal subscriptions. Book price totals are based on one-volume editions in instances when books have been published in either one- or more expensive two-volume formats and on “non-member” prices where indicated for association publications.

In May 1986, the W. B. Saunders Company instituted a net pricing policy, instead of designated list prices for their books distributed by vendors, and a single-copy price for books sold directly by Saunders

to individuals and libraries. Because of the net pricing policy, prices can vary from vendor to vendor, although prices among vendors for Saunders publications are similar for the most part. After the onset of the net pricing policy, we felt we should obtain realistic open market prices on Saunders books from a medical book vendor since most hospital libraries purchase books from vendors. These are the prices that we have used, instead of the Saunders single-copy price, both in the book list and in calculating costs.

The increases in book and journal prices for titles in this list and its previous versions are shown in Table 1. From 1965 to 1989, there has been an increase of 439% (\$15.00 to \$80.87) in the average price per book title. During the same twenty-four year period, the average price per journal subscription has increased by 633% (\$13.90 to \$101.92). Nursing books comprise 9% of the book list, and their inclusion lowers the average book price. The average cost per title for all the books in this list is \$80.87, but when nursing books are excluded, it increases to \$84.92. In the 1989 list, the average price per title of nursing books is \$40.14, an increase of 27% over 1987 (\$31.60); the average percentage increase in the price of nursing books for the 1987–1989 period is greater than for the entire book list (19.2%).

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Just as nursing books tend to lower the overall average price per title, the radiology books in this list have tended to raise it. During the past two years, there has been an exceptionally large number of books published on radiology and imaging. To cover this

part of the book literature adequately, we felt it was necessary to increase the number of titles from twenty-five in the 1987 list to thirty-five in this one. Even so, we have really only sampled the number of available current books in this discipline. The thirty-five radiology titles we have noted cost approximately \$4,900, with a per title average of \$140.30. When radiology books are excluded, the average per title book price in this list decreases from \$80.87 to \$77.23.

The figures stated here apply only to publications that appear in this list or have appeared over the years in its predecessors. The average book prices shown in Table 1 are "per title," not "per volume." The "per title" calculation includes the cost of all volumes in a multivolume set. The average volume price for the 684 physical volumes which make up the 607-title book collection is \$71.76, \$9.11 less than the "per title" average. In instances when a title appears in either one or two volumes, it has been considered as one volume in the physical volume count. Although titles vary from list to list, the cost figures are representative of those being faced by the small medical library in acquiring current books and journals. They do not represent the much higher costs borne by academic medical libraries. Since most of the journal titles in the list are domestic, the tremendous increases charged by many foreign journal publishers to North American libraries are not reflected. Nevertheless, 25% of the book titles and 65% of the journal titles in the 1989 list cost \$100 or more.

OTHER SELECTION GUIDES

This list has been updated regularly on a biennial basis for more than twenty years. Another list, "A Library for Internists VI," that has been updated triennially since 1973 reports the recommendations from the American College of Physicians relating to book selection for the internist and for the hospital library [20]. This list is now limited to books, but preceding ones have included journals. The *MID-CORE List* compiled by Karen Hackleman is geared specifically toward librarians in very small institutions and is revised periodically [21]. During the past year, we have become aware of a *Recommended List of Books, Journals, & Reference Materials for Small Health Science Libraries*, known as the "Australian List," put out by the Australian Library & Information Association [22]. It is arranged by subject, and about half of the titles in the book list originate in the United States; the others are published in Australia or Great Britain, with Australian editions being noted whenever possible. Obviously, this list has the greatest impact in Australia and New Zealand, but it does offer hospital librarians another source for comparison. All of the lists that have just been mentioned bear the recommendation of their compilers.

There are two other lists that might be useful as selection guides for the hospital librarian; however, they originate from the medical book trade and are not evaluative. The first, *Medical Books '89*, brings together information about books from many health sciences publishers in a convenient form [23] and can be obtained free of charge from various medical book vendors. The second, *Medical Textbook Review*, is a comprehensive, annotated guide for English-language medical books compiled to help students, house staff, teachers, and librarians; basic textbooks are emphasized, the perspective and origin are British [24].

A number of reference books are included in this list, but we have not tried to present comprehensive coverage of reference sources for the hospital library. Extensive information relating to biomedical reference materials can be found in Roper and Boorkman's *Introduction to Reference Sources in the Health Sciences* [25]. However, this book was published in 1984, and it definitely needs to be updated.

The Interagency Council on Library Resources for Nursing compiles "Reference Sources for Nursing" [26], which is updated biennially. This is an up-to-date guide that a hospital librarian can use in developing a reference collection because it includes not only nursing reference items but standard biomedical works as well. Each December, the *American Journal of Nursing* publishes "Books of the Year," a subject listing with a brief description of forty or fifty of the year's books selected as "best" by nurses having expertise in the various subject areas [27]. We also compile a list of recommended nursing books and journals [28] that should be used in conjunction with the nursing section of this list, which is really an update to our 1988 nursing list. The nursing section contains a number of new books that were not available at the time we put the nursing list together, but very well may be incorporated into a future revision.

At present, there is no current selection guide covering both dental books and journals.

For hospitals with extensive dental programs, the publications recommended in the dentistry section of this list are inadequate. At present, there is no current selection guide covering both dental books and journals. The selected list of dental literature by Raskin and Hathorn [29] has not been revised since 1980, and apparently there are no plans to update it. An annotated bibliography, titled *Dentistry Journals and Serials*, was published in 1985 [30]. *Basic Dental Reference Works*, issued by the Bureau of Library Services of the American Dental Association, is a helpful guide for dental reference materials [31].

Additional sources that will lend assistance to the hospital librarian in developing special subject areas of the collection include our list of allied health sciences books and journals [32], a listing (with abstracts) of management literature for health care executives [33], a survey of holistic medicine literature [34], and a paper on business information sources for health sciences librarians [35].

For many years, association publications were relatively inexpensive sources of informational materials for hospital libraries. However, these publications are becoming more expensive each year, and in some instances, their prices are equaling those of commercial publishers. Publication catalogs from such organizations as the American Dental Association, the American Hospital Association (American Hospital Publishing), the American Medical Association, the American Nurses' Association, the American Psychiatric Association (American Psychiatric Press), the Catholic Health Association of the United States, and the National League for Nursing are all useful selection tools for the hospital librarian.

BASIC TOOLS FOR THE HOSPITAL LIBRARY

Inexperienced hospital librarians will benefit from familiarizing themselves with two manuals written especially for them, *Organizing and Administering the Small Hospital Library* [36] and *Manual for Librarians in Small Hospitals* [37]. No hospital librarian should be without *Hospital Library Management* [38], the authoritative work in the field of hospital librarianship. More theory and advanced detailed information on the various aspects of health sciences librarianship can be found in the *Handbook of Medical Library Practice* [39]. The *Bulletin of the Medical Library Association* and the *MLA News* are essential for current awareness and professional development. The hospital librarian should also be much more involved with the literature of hospital administration, both as a reader and as a contributor.

BOOK VENDORS AND SUBSCRIPTION AGENTS

Hospital librarians had initially been encouraged to purchase books and journals from reliable medical book vendors and reputable subscription agents instead of directly from publishers to avoid reams of unnecessary paper work, and that is still a principal reason for doing this. Today, however, health sciences book and journal vendors provide important ancillary services to their customers such as newsletters, catalog cards, automated serials control programs, budgeting assistance, and online ordering. Service is the chief criterion on which both book

vendors and subscription agents must be judged by their clients. Institutional purchasing agents routinely view only bottom-line figures when high discounts and low service charges are being offered, and this can be a costly oversight. The librarian must enlighten this individual to the fact that poor service on the part of a book or journal vendor is expensive and not cost effective when compared with the institutional labor costs incurred to supplement the poor performance of a vendor. The most reliable information regarding the quality of a vendor's service can be obtained from local hospital librarians. A good working librarian/vendor relationship is important to both parties. If librarians expect effective performance on the part of vendors, they should supply vendors with accurate, complete order information. Having done this, librarians have every right to expect prompt processing of orders, on-time delivery, and up-to-date reporting of delays and nondelivery.

Books from major medical publishers in the United States are generally discounted at 10% by reliable medical book dealers. Discount rates on books from other publishers vary; there may be no discount, or at times there may be a service charge. Some scientific and medical publishers do not give discounts on retail orders from libraries, even though their books can be purchased from vendors at a discount. Prominent health sciences book dealers include Ballen Booksellers International, Inc., 66 Austin Boulevard, Com-

Service is the chief criterion on which both book vendors and subscription agents must be judged by their clients.

mack, Long Island, NY 11725; Login Brothers Book Company, Inc., 1450 West Randolph Street, Chicago, IL 60607 (branches: Login Brothers Ohio, 1550 Enterprise Park, Twinsburg, OH 44087; Login Brothers New Jersey, 4 Sperry Road, Fairfield, NJ 07006; Login Brothers New England, 2 Keith Way, Hingham, MA 02043); Majors Scientific Books, Inc., P. O. Box 819074, 1851 Diplomat, Dallas, TX 75381-9074 (branches: 3370 Zip Industrial Boulevard, Atlanta, GA 30354; 6632 South Main Street, Houston, TX 77030); Matthews Medical Books, 11559 Rock Island Court, Maryland Heights, MO 63043; and Rittenhouse Book Distributors, Inc., 511 Feheley Drive, King of Prussia, PA 19406.

Subscription agents usually charge a service fee; no discounts are offered. However, if the subscription agent provides quality service, the charge is irrelevant when compared with the cost of in-house labor for doing the same work. Generally, service charges vary from 3% to 9%. Many agents adjust their fees in

relation to the title mix (foreign and domestic) and dollar amount of the library's account. An inept subscription agent can be even more devastating to a hospital library than an inept book dealer. A low service charge resulting in low performance on the part of the subscription agent can be very expensive. Well-known subscription agents dealing in health sciences publications include EBSCO Subscription Services, 1st Avenue at 13th Street, Birmingham, AL 35203; Faxon Company, Inc., 15 Southwest Park, Westwood, MA 02090; Majors Scientific Subscriptions, P.O. Box 819074, 1851 Diplomat, Dallas, TX 75381-9074; and Readmore Publications, Inc., 140 Cedar Street, New York, NY 10006. Both book dealers and subscription agents are noted in alphabetical order.

USE CONSIDERATIONS

The subject headings used in this revised version of our list of recommended books and journals for the small medical library are the same, with minor exceptions, as those in the 1987 list. We have added the categories of "Acquired Immunodeficiency Syndrome (AIDS)" and "Critical Care Medicine" and have deleted "Ambulatory Medicine" and "Licensure."

Medical Examination Publishing Company, McGraw-Hill, Appleton & Lange, and Wiley all publish well-known series of review and self-study books in the health sciences that are designed to prepare individuals for state, national, and specialty board examinations. If this type of material is being acquired for the collection, the hospital librarian should contact these publishers and request their catalogs. *Rypins' Medical Licensure Examinations* has not been updated since 1985 [40]; it is the only book we had been listing under the licensure category.

In the journal list, we have recommended the *Index Medicus* and *Cumulated Index Medicus*, but we do want to point out that the *Abridged Index Medicus* is adequate for many hospitals that are not engaged in educational and research programs.

We have selected eleven of the W. B. Saunders "Clinics." Since this publication format seems to be very popular among clinicians, the hospital librarian should be aware that there are now about thirty different "Clinics" covering most of the medical specialties from a patient care perspective.

We want this list to be current as long as possible because of its extensive use in reprint format. Therefore, when we know of a new edition of a book that is scheduled to be published in 1989, generally that is the edition we have listed. The previous one may still be in print, and if the book is needed immediately, bibliographic data for the in-print edition might

be found in the 1987 list*; price information, of course, must be verified. If a new edition is tentatively planned for 1990, the current in-print edition is listed with a notation regarding the new one. This list, as well as our nursing and allied health lists, will be updated between the published biennial revisions in a newsletter titled *A Major Report* [41], compiled and edited by the senior author.

If a book has more than two authors or editors, the notation "[and others]" is made after the name of the senior author or editor. In the index of authors and editors, we have included only the senior persons; coauthors and coeditors do not appear. When the name of the original author or editor is an integral part of the book title, we have also listed that name in the index.

Because of mergers, takeovers, and the changing of publishers' names, the imprint on a book may not necessarily be indicative of the publisher presently distributing the book. Therefore, we have tried to cite the books using the names of the publishers who are now distributing them. As a matter of course, we routinely indicate the publisher from whom a book can be obtained in the United States.

Since its inception in 1965, this list in its various versions has been an important factor in upgrading the quality of informational resources in the hospital library. Not all our decisions have been or will be correct for every library, and this is but one guide hospital librarians should consult when deciding upon the books and journals to be acquired for a library's collection.

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*2. DEVITA, VINCENT T., JR. [and others], eds. AIDS: etiology, diagnosis, treatment, and prevention. 2d ed. Philadelphia, Lippincott, 1988. \$49.50.

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*7. SANDE, MERLE A., AND VOLBERDING, PAUL, A., eds. The medical management of AIDS. Philadelphia, Saunders, 1988. \$32.50.

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*8. BIERNAN, CHARLES W., AND PEARLMAN, DAVID S., eds. Allergic diseases from infancy to adulthood. 2d ed. Philadelphia, Saunders, 1988. \$102.75.

9. KAPLAN, ALLEN P., ed. Allergy. New York, Churchill Livingstone, 1985. \$89.50.

10. LAWLOR, GLENN J., JR., AND FISCHER, THOMAS J., eds. Manual of allergy and immunology: diagnosis and therapy. 2d ed. Boston, Little, Brown, 1988. \$21.00.

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*13. DI FIORE, MARIANO S. H. Atlas of normal histology. Edited by Victor P. Eroschenko. 6th ed. Philadelphia, Lea & Febiger, 1989. \$28.50.

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23. BROWN, DAVID L., ed. Risk and outcome in anesthesia. Philadelphia, Lippincott, 1988. \$49.50.

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25. COTTRELL, JAMES E., AND TURNDORF, HERMAN. Anesthesia and neurosurgery. 2d ed. St. Louis, Mosby, 1986. \$91.00.

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42. BERNE, ROBERT M., AND LEVY, MATTHEW N. Cardiovascular physiology. 5th ed. St. Louis, Mosby, 1986. \$22.95.
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44. CHUNG, EDWARD K. Manual of acute cardiac disorders. Boston, Butterworths, 1988. \$34.95.
- *45. EAGLE, KIM A. [and others], eds. The practice of cardiology: the medical and surgical cardiac units at the Massachusetts General Hospital. 2d ed. Boston, Little, Brown, 1989. 2 v. \$125.00.
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68. CHARBENEAU, GERALD T., ed. Principles and practice of operative dentistry. 3d ed. Philadelphia, Lea & Febiger, 1988. \$45.00.
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70. GRANT, DANIEL A. [and others], eds. Periodontics in the tradition of Gottlieb and Orban. 6th ed. St. Louis, Mosby, 1988. \$59.95.
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72. LITTLE, JAMES W., AND FALACE, DONALD A. Dental management of the medically compromised patient. 3d ed. St. Louis, Mosby, 1988. \$29.95.
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*83. FITZPATRICK, THOMAS B. [and others], eds. Dermatology in general medicine: textbook and atlas. 3d ed. New York, McGraw-Hill, 1987. 2 v. \$175.00.
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DICTIONARIES, DIRECTORIES, AND ENCYCLOPEDIAS

- *101. AMERICAN BOARD OF MEDICAL SPECIALTIES. ABMS compendium of certified medical specialties, 1988-89. 2d ed. Evanston, Ill., American Board of Medical Specialties, 1988. 7 v. \$240.00. (Includes 1989 Supplement.)
*102. American Hospital Association guide to the health care field. 1988 edition. Chicago, American Hospital Association, 1988. \$60.00, AHA members; \$150.00, nonmembers. Published annually.
*103. American medical directory. 31st ed. Chicago, American Medical Association, 1988. 4 v. \$400.00.
104. CAMPBELL, ROBERT JEAN. Psychiatric dictionary. 6th ed. New York, Oxford University Press, 1989. \$49.95.
*105. Directory of graduate medical education programs, accredited by the Accreditation Council for Graduate Education, 1989/1990. Chicago, American Medical Association, 1989. In preparation. Published annually.
*106. Dorland's illustrated medical dictionary. 27th ed. Philadelphia, Saunders, 1988. \$42.00.
107. JABLONSKI, STANLEY. Dictionary of medical acronyms & abbreviations. St. Louis, Mosby, 1987. \$14.95.
108. JABLONSKI, STANLEY. Illustrated dictionary of dentistry. Philadelphia, Saunders, 1982. \$62.75.
109. MAGALINI, SERGIO, AND SCRASCIA, EUCLIDE. Dictionary of medical syndromes. 2d ed. Philadelphia, Lippincott, 1981. \$59.50. (New edition due 1989.)
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111. TABER, CLARENCE WILBUR. Cyclopedic medical dictionary. 16th ed. Philadelphia, Davis, 1989. \$25.95.
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- *113. HALPERN, SEYMOUR L., ed. Quick reference to clinical nutrition: a guide for physicians. 2d ed. Philadelphia, Lippincott, 1987. \$29.95.
114. KINNEY, JOHN M. [and others]. Nutrition and metabolism in patient care. Philadelphia, Saunders, 1988. \$135.00.
115. KRAUSE, MARIE V., AND MAHAN, KATHLEEN L. Food, nutrition, and diet therapy: textbook of nutritional care. 7th ed. Philadelphia, Saunders, 1984. \$36.50.
*116. NATIONAL RESEARCH COUNCIL: COMMITTEE ON DIETARY ALLOWANCES. Recommended dietary allowances. 10th ed. Washington, D.C., National Academy of Sciences, 1989. In preparation.
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119. SCHLICHTIG, ROBERT, AND AYRES, STEPHEN M. Nutritional support of the critically ill. Chicago, Year Book, 1988. \$29.95.

*120. SHILS, MAURICE E., AND YOUNG, VERNON R., eds. Modern nutrition in health and disease. 7th ed. Philadelphia, Lea & Febiger, 1988. \$75.00.

EMERGENCY MEDICINE

121. AMERICAN COLLEGE OF EMERGENCY PHYSICIANS. Emergency medicine: a comprehensive study guide. Edited by Judith E. Tintinalli [and others]. 2d ed. New York, McGraw-Hill, 1988. \$110.00.

122. FLEISHER, GARY R., AND LUDWIG, STEPHEN, eds. Textbook of pediatric emergency medicine. 2d ed. Baltimore, Williams & Wilkins, 1988. \$112.50.

*123. HO, MARY T. [and others], eds. Current emergency diagnosis & treatment. 3d ed. Norwalk, Conn., Appleton & Lange, 1989. In preparation.

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126. KRAVIS, THOMAS CLARKE, AND WARNER, CARMEN GERMAINE, eds. Emergency medicine: a comprehensive review. 2d ed. Rockville, Md., Aspen, 1987. \$171.50.

127. PARIS, PAUL M., AND STEWART, RONALD D. Pain management in emergency medicine. Norwalk, Conn., Appleton & Lange, 1988. \$59.95.

*128. ROSEN, PETER [and others], eds. Emergency medicine: concepts and clinical practice. 2d ed. St. Louis, Mosby, 1988. 2 v. \$170.00.

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130. SIMON, ROBERT R., AND BRENNER, BARRY E. Emergency procedures and techniques. 2d ed. Baltimore, Williams & Wilkins, 1987. \$29.95.

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ENDOCRINOLOGY AND METABOLISM

*133. DEGROOT, LESLIE J. [and others], eds. Endocrinology. 2d ed. Philadelphia, Saunders, 1989. 3 v. \$318.75.

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139. LEVIN, MARVIN E., AND O'NEAL, LAWRENCE W., eds. The diabetic foot. 4th ed. St. Louis, Mosby, 1988. \$68.00.

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143. TINDALL, GEORGE T., AND BARROW, DANIEL L. Disorders of the pituitary. St. Louis, Mosby, 1986. \$86.00.

144. WILSON, JEAN D., AND FOSTER, DANIEL W., eds. Williams textbook of endocrinology. 7th ed. Philadelphia, Saunders, 1985. \$100.50.

ETHICS

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