

Evaluation of Audiovisual Teaching Materials in Family Practice: A Report of Review Activities 1974-1976

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Recent years have seen increasing interest in the use of audiovisual teaching materials throughout medical education. There is good evidence that different individuals learn best in different ways according to their particular learning styles, personalities, and learning needs. Audiovisual materials can provide flexible approaches to meet varied learning needs and facilitate self-instruction.

In the past, there has been no systematic method of identification and evaluation of audiovisual teaching materials relevant to family practice. This paper describes the experience of a review process which was initiated three years ago. A complete list is presented of audiovisual teaching materials which have been reviewed for family practice and future directions of the review process are discussed.

Recent years have seen considerable interest in the use of audiovisual teaching materials at all levels of medical education.¹⁻⁹ Medical schools, medical organizations, pharmaceutical companies, and others have developed literally thousands of teaching programs representing a wide range of medical subjects and various kinds of media. Particular emphasis has been placed on films, video cassettes, and tape-slide programs. Many of these programs have been used to assist in medical student teaching, residency training programs, and continuing medical education of practicing physicians. Educators have confirmed the effectiveness of audiovisual teaching programs under appropriate circum-

stances and have recognized that specific kinds of media are more effective for certain learning styles and personalities; for example, "perceiving" types of individuals have been found to prefer self-paced instruction while "judging" type individuals prefer conventional teaching methods.¹⁰

Given the multitude of available audiovisual teaching materials and their potential teaching value, family practice educators have been confronted by several major difficulties in making use of them. First, there is the problem of knowing what is available by subject, specific content, and format. Secondly, there is the problem of assessing the quality of available audiovisual materials in terms of teaching value for specific learning levels. Thirdly, one must ascertain the source and cost, whether by purchase or rental, for specific audiovisual programs which are desired. Finally, there has been no method established in family practice for the systematic assessment and reporting of evaluation

results for audiovisual teaching materials relevant to this field.

In order to address these problems, a coordinated effort was initiated early in 1974 to review and evaluate selected audiovisual materials of potential value in family practice. This paper will describe the evolution of this review process over a three-year period, present a collated list of all audiovisual media which have been reviewed, and outline future directions for continuing review. It is our hope that this information will increase general awareness of useful audiovisual materials in family practice and facilitate their more effective use in supporting teaching activities at all levels.

The Review Process

The review process employed over the three-year period including all of calendar years 1974-1976 was approached in two different stages. During the first 15 months of this period, assessments of selected audiovisual programs were performed by individual reviewers. Subsequently, a formal Audiovisual Review Committee was established as a subcommittee of the Education Committee of the Society of Teachers of Family Medicine. The process involved during each of these stages will be described briefly.

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Table 1. Content of Evaluation Report

Date: _____

Title: _____ Reviewer: _____

Source: _____ Medium: _____

Objectionable Advertising: Yes _____ No _____ Cost: _____

Recommended Audience: Family Physician _____ Family Practice Resident _____

Family Nurse Practitioner/Medex _____ Medical Student _____

Please comment about the program objectives. Were they stated, implied, or were they not apparent early in the program?

Describe what content was specifically covered.

Was content a subjective view or was it a defensible, well-documented medical generalization? What medical errors, omissions, or incorrect terminology were noted?

Was media format appropriate for content, ie, could content have been conveyed just as well in a written format, through lectures, panel discussion, etc, or did the media format add to content through use of color and/or motion which could not otherwise be communicated?

Describe the technical quality of production.

Other comments:

Overall rating:

____Highly Recommended ____Recommend ____Some Value ____Limited Value

Would you purchase this item for your own or resident/student teaching program?

Table 2 Appraisals of Audiovisual Materials

| | Number | % |
|--------------------|-----------|--------------|
| Highly recommended | 20 | 23.5 |
| Recommended | 41 | 48.2 |
| Some value | 16 | 18.8 |
| Limited value | 8 | 9.4 |
| Total | 85 | 100.0 |

A teaching bank of over 500 audiovisual units was established in the Department of Family Practice at the University of California, Davis, in 1972-1973 as previously described.¹¹ Individual units were chosen largely on the basis of content (by title), available information concerning their quality (often minimal), and the reputation of their source as a developer of audiovisual materials. This bank served as the initial pool of audiovisual materials chosen for review. Approximately 30 reviewers were invited to review selected audiovisual materials for *The Journal of Family Practice*, and regular publication of these reviews was initiated in May 1974. Each reviewer was asked to comment on the recommended audience; the comprehensiveness, quality, and depth of the presentation; an overall appraisal; and whether the reviewer would find the audiovisual unit helpful in his own training program or continuing medical education.

Thirty (30) audiovisual units were evaluated by this process of individual reviews. This method was only partly satisfactory, however, since the logistics for transport and return of media were cumbersome and each review was limited to the judgment of a single individual.

Early in 1975 the Audiovisual Review Committee was established including 19 reviewers who agreed to participate actively in an ongoing effort to review teaching materials. Since that time, this group has met four times for half-day meetings and completed review of an additional 55

Table 3a

Membership of Audiovisual Review Committee

| Member | |
|-------------------------|---|
| Richard M. Baker, MD | University of California, San Diego |
| *Thomas C. Brown, PhD | University of California, Davis |
| Thornton Bryan, MD | University of Tennessee, Memphis |
| Laurel G. Case, MD | University of Oregon, Portland |
| Wendell Garren, MD | Geisinger Medical Center, Danville, Pennsylvania |
| John P. Geyman, MD | University of Washington, Seattle |
| James Grobe, MD | 136 E Desert Park Lane, Phoenix, Arizona |
| Warren Heffron, MD | University of New Mexico, Albuquerque |
| Brian K. Hennen, MD | Dalhousie University Halifax, Nova Scotia |
| Thomas L. Leaman, MD | Pennsylvania State University, Hershey |
| Ian R. McWhinney, MD | University of Western Ontario, London |
| *Donald C. Ransom, PhD | Community Hospital of Sonoma County, Santa Rosa, California |
| Philip L. Roseberry, MD | York Hospital, York, Pennsylvania |
| Rafael C. Sanchez, MD | Louisiana State University, New Orleans |
| Robert Smith, MD | University of Cincinnati, Cincinnati, Ohio |
| William L. Stewart, MD | Southern Illinois University, Springfield |
| Jack Verby, MD | University of Minnesota, Minneapolis |
| Raymond O. West, MD | Loma Linda University, Loma Linda, California |
| Hiram L. Wiest, MD | Pennsylvania State University, Hershey |

* Limited to review of behavioral sciences media.

audiovisual units. The first meeting was held in Chicago in February 1975, in the offices of the American Medical Association, which graciously helped to facilitate this effort. Subsequent meetings have been held in conjunction with meetings of the Society of Teachers of Family Medicine. Reviewers have agreed to serve on a voluntary basis, and the necessary funding of the group's activities (equipment and space rental) has been provided by *The Journal*.

The Audiovisual Review Committee initially agreed to confine its reviews to three types of media: 16 mm films, video cassettes, and tape-slide programs. During each meeting the committee functioned in subgroups to review each type of media. In order to be considered for review by the committee, one member must first have pre-screened a particular audiovisual unit and personally recommended it. Table 1 shows the format for evaluation of teaching materials by the committee. After each meeting the evaluations of the reviewers were collated for publication.

Through the review committee approach, three advantages have been realized over the previous system of individual reviewers. First, the pool of audiovisual materials selected for review has been expanded through the pre-screening efforts of committee members. Second, the usefulness of each review has been improved due to the combined judgment of several reviewers. Third, the continuity of participation of committee members on a group basis has facilitated increased knowledge and expertise in reviewing audiovisual materials for family practice.

Results

During the 36-month period 1974-1976, a total of 85 audiovisual materials have been reviewed, including fourteen 16 mm films, 26 video cassettes, and 29 tape-slide programs. Table 2 represents the overall appraisals for these materials.

The source, title of program, type of media, recommended audience, and overall appraisal for all audiovisual materials which have been reviewed to date are shown in Table 3b. Specific comments relating to each audiovisual program are available in the references listed for *The Journal*.

Discussion

It is generally recognized that audiovisual materials have considerable value in supplementing teaching and learning in medical education, but the identification and evaluation of useful materials presents an ongoing problem. A number of clinical specialties have established methods to organize and assess audiovisual materials for their particular specialty.¹²⁻¹⁵ The review process which has been described constitutes the only currently operational evaluation approach for audiovisual teaching materials relevant to family practice. An excellent start has been made as a cooperative effort involving *The Journal of Family Practice* and the Society of Teachers of Family Medicine, but further improvements are yet required.

Perhaps the most difficult part of the evaluation process is the continuing need to identify potentially useful audiovisual materials for review. Such materials proliferate each year in large numbers, and many audiovisual units, even when initially excellent in teaching value, become outdated and less useful. In many instances, producers of audiovisual materials give little attention to evaluation, which is quite costly and does not necessarily influence the marketing of materials. Appraisal of the relevance of content, technical quality, and educational value of audiovisual materials is left to the user.

In our experience over the past several years, the most difficult step in the review process is the adequate pre-screening and recommendation of a sufficient number of potentially excellent audiovisual materials for committee review. Members of the Audiovisual Review Committee are performing this task in an increasingly effective manner, but there is a pressing need for them to be aware of newly developed or presently available audiovisual materials useful in family practice. As a third stage in the evolution of the review process, therefore, it is suggested that family practice faculty throughout North America make the review group aware of those audiovisual teaching materials which they have found useful. Specific recommendations for pre-screening of these materials can be made to that member of the review group in closest proximity to the person making the recom-

mendation. The Audiovisual Review Committee cannot work effectively in isolation from the family practice teaching community in North America. This kind of participatory effort is required for future viability of the review process which has been described. In order to facilitate this process, the names and locations of the present membership of the Audiovisual Review Committee are given in Table 3a.

In an excellent article on the role and evaluation of audiovisual materials in medical education, Jason has suggested that the following questions be asked in sequence:¹⁶

1. What specific effects am I trying to have on my students?
2. At what level are my students now, in terms of the areas in which I want to have an impact?
3. What, then, are the changes I want to produce?
4. What types of experiences are most likely to produce these changes?
5. Are any of these experiences best produced by, or supplemented by, audiovisual methods? If so, which ones?
6. What can be done to help the students be receptive and responsive to the experiences which are to be provided?
7. Are the materials and experiences at the level of perception and understanding of the students?
8. Are the methods and the content sufficiently flexible to adapt to the sense of relevance and learning range of all the students?
9. Is active engagement demanded of the students?
10. Is the content organized systematically and sequentially?
11. Will the material be regarded as credible?
12. Has provision been made for the students to assess repeatedly their progress with the experiences they are having?

All of these questions apply to the ongoing identification and evaluation of excellent audiovisual teaching materials for all levels of education in family practice. Application of these principles can likewise increase our capability to provide more effective teaching approaches to the diverse learning needs of individuals with different learning styles and personalities at all levels of family practice education.

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References

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2. Romano MT: Audiovisual education; yesterday, today, and tomorrow. *Can Med Assoc J* 98:1127-1132, 1968
3. Editorial. Audiovisual education: The new magic lantern. *Can Med Assoc J* 98:1115-1117, 1968
4. Lang BR: The video cassette and health care. *Am Fam Physician* 4:137-142, 1971
5. Farrier RM: Audio-visuals for the small hospital medical staff. *Hosp Prog* 56(11):14-15, 1975
6. Sly RM: Use of audiovisual program for the instruction of students, interns and residents. *Ann Allergy* 35:230-233, 1975
7. Suess JF: Teaching psychodiagnosis and observation by self-instructional pro-

grammed videotapes. *J Med Educ* 48:676-683, 1973

8. Stenchever MA, Brown TC: A network for the dissemination of teaching materials. *J Med Educ* 47:702-707, 1972

9. Steering Committee for Cooperative Teaching of the Association of Professors of Gynecology and Obstetrics. Stenchever MA (Chairman): Faculty reactions to an instructional media network in North America. *J Med Educ* 48:430-435, 1973

10. Smith AB, Gray RK, McCaulley MH: Self-paced instruction and college student personalities. *Engineering Education* 63:435-440, 1973

11. Geyman JP, Brown TC: A teaching bank of audiovisual materials in family practice. *J Fam Pract* 2:359-364, 1974

12. Smart WR, Funnell JE: The film library of the American Urological Association. Baltimore, American Urological Association Inc, 1973

13. Hoover EE, Johnson WL: Educational materials for obstetrics and gynecology. Chicago, American College of Obstetricians and Gynecologists, 1974

14. Sulzberger R: A library of audiovisual educational resources in dermatology. San Francisco, Institute for Dermatologic Communication and Education, 1974

15. Sahara P: Media sources for gerontology. Ann Arbor, Michigan, Institute of Gerontology, University of Michigan, 1973

16. Jason H: Evaluation of audiovisual methods of medical teaching. *Can Med Assoc J* 98:1146-1150, 1968

Table 3b

Summary of Audiovisual Materials Reviewed

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|---|---|-------|-------------|-------------|---------------------------|
| | | A | B | | |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | Hazards of Hypertension | E | 1 3 | Some Value | J Fam Pract 1(1):76, 1974 |
| | | | | | |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | Treatment of Moderate Hypertension | E | 1 2 4 | Recommended | J Fam Pract 1(1):76, 1974 |
| | | | | | |

| SOURCE | PROGRAMS | MEDIA | | AUDIENCE | APPRAISAL | REFERENCE |
|---|---|-------|------------------|-----------------------|-----------|---------------------------|
| | | | | | | |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | Hypertensive Crisis – Part 1 | E | 1 2 3 4 | Highly Recommended | | J Fam Pract 1(1):76, 1974 |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | Physiological Aspects of Exercise for Cardiacs | A | 1 2 3 4 | Some Value | | J Fam Pract 1(1):76, 1974 |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | Clinical Problems in the Control of Congestive Heart Failure | A | 1 2 3 4 | Recommended | | J Fam Pract 1(1):77, 1974 |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | Foreign Bodies in the Ear | E | 2 3 | Some Value | | J Fam Pract 1(1):77, 1974 |
| Albany Medical College Arnold W. Pohl, MD Department of Postgraduate Medicine Albany Medical College of Union University Albany, NY 12208 | How to Make Use of a Physical Therapist | E | 1 2 3 4 | Some Value | | J Fam Pract 1(1):77, 1974 |

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|--|---|--------|------------------|-------------|---------------------------|
| | | | AUDIENCE | | |
| Medical Recording Service Foundation John Graves Royal College of General Practitioners Medical Records Service Foundation Kitts Croft Writtle Chelmsford Essex, England | Otosclerotic Deafness | A | 1 2 | Some Value | J Fam Pract 1(2):78, 1974 |
| American Heart Association Mrs. Placide Schriever 44 East 23rd Street New York, NY 10010 | Modern Pharmacological Management of Systemic Hypertension | A H | 1 2 3 4 | Recommended | J Fam Pract 1(2):78, 1974 |
| W.B Saunders Company West Washington Square Philadelphia, PA 19105 | Pediatric Cardiology | E F | 1 2 4 | Some Value | J Fam Pract 1(2):78, 1974 |
| University of Wisconsin Extension Bureau of AV Instruction Post Office Box 2093 University of Wisconsin Madison, WI 53701 | Oxygen Therapy — Use and Dangers | E | 1 2 4 | Recommended | J Fam Pract 1(2):79, 1974 |
| Institute of Continuing Education Sawyer, MI 49125 | How to Interpret and Handle Suicide | E | 1 2 3 4 | Recommended | J Fam Pract 1(2):79, 1974 |
| American Academy of Orthopaedic Surgeons Charles V. Heck, MD 430 North Michigan Avenue Chicago, IL 60611 | Emergency Care of the Critically Injured | A | 1 2 3 4 | Some Value | J Fam Pract 1(2):79, 1974 |
| ROCOM Division of Hoffman-LaRoche, Inc. One Sunset Avenue Montclair, NJ 07042 | Arterial Puncture | G H | 3 4 | Recommended | J Fam Pract 1(2):79, 1974 |

| SOURCE | PROGRAMS | MEDIA AUDIENCE | | APPRAISAL | REFERENCE |
|--|--|----------------|------------------|--------------------|-----------------------------|
| | | | | | |
| Medical Recording Service Foundation John Graves Royal College of General Practitioners Medical Records Service Foundation Kitts Croft Writtle Chelmsford Essex, England | The Pre-Menstrual Syndrome | A | 1 2 3 4 | Recommended | J Fam Pract 1(2):79, 1974 |
| University of Wisconsin - Extension Bureau of AV Instruction Post Office Box 2093 University of Wisconsin Madison, WI 53701 | Patient's Attitudes Toward Death: The Needs of the Terminally ill | E | 1 2 3 4 | Highly Recommended | J Fam Pract 1(3/4):76, 1974 |
| Institute of Continuing Education Sawyer, MI 49125 | Understanding and Counseling Adolescents | E | 1 2 3 4 | Recommended | J Fam Pract 1(3/4):76, 1974 |
| University of Wisconsin - Extension Bureau of AV Instruction Post Office Box 2093 University of Wisconsin Madison, WI 53701 | Angina - Diagnosis, Prognosis and Medical Management | A | 3 4 | Some Value | J Fam Pract 1(3/4):76, 1974 |
| University of Wisconsin - Extension Bureau of AV Instruction Post Office Box 2093 University of Wisconsin Madison, WI 53701 | Radiographic Diagnosis of Coronary Artery Disease | A | 1 2 | Recommended | J Fam Pract 1(3/4):77, 1974 |

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|--|--|--------|------------------|-----------------------|-----------------------------|
| | | | AUDIENCE | | |
| ROCOM Division of Hoffman- LaRoche, Inc. One Sunset Avenue Montclair, NJ 08042 | Tracheostomy | G H | 1 2 4 | Recommended | J Fam Pract 1(3/4):77, 1974 |
| Media Library Towsley Center for Continuing Medical Education Ann Arbor, MI 48104 | A Rational Approach to Secondary Hypertension | A | 1 2 3 4 | Recommended | J Fam Pract 1(3/4):77, 1974 |
| Educational Resources Division Ortho Pharmaceutical Corporation Raritan, NJ 08869 | Post-Partum Hemorrhage | B | 1 2 3 4 | Highly Recommended | J Fam Pract 1(3/4):77, 1977 |
| Self-Instructional Materials Project PO Box 2686 Chapel Hill, NC 27514 | Removing Imbedded Fishhooks from Skin | H | 1 2 3 4 | Recommended | J Fam Pract 2:69, 1975 |
| Video Digest 2030 Carew Tower Cincinnati, OH 45202 | Fetal Monitoring | C | 1 2 3 4 | Recommended | J Fam Pract 2:69, 1975 |
| University of Wisconsin - Extension Bureau of AV Instruction PO Box 2093 University of Wisconsin Madison, WI 53701 | Complications of Myocardial Infarction | A | 1 2 | Recommended | J Fam Pract 2:69, 1975 |
| Media Library Towsley Center for Continuing Medical Education Ann Arbor, MI 48104 | Central Venous Pressure Monitoring | A | 1 | Recommended | J Fam Pract 2:70, 1975 |

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|--|--|-------|------------------|--------------------|-------------------------|
| | | | AUDIENCE | | |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 | A Practical Approach to Allergic Dermatoses in Children | C | 2 3 4 | Recommended | J Fam Pract 2:70, 1975 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 | Athletic Injuries | C | 1 2 3 4 | Recommended | J Fam Pract 2:70, 1975 |
| Sherwood Medical Industries, Inc. 1831 Olive Street St. Louis, MO 63103 | Laryngoscopy Mannequin | D | 1 2 4 | Recommended | J Fam Pract 2:71, 1975 |
| Ortho Pharmaceutical Company Raritan, NY 08869 | Preeclampsia Eclampsia | C | 1 2 4 | Highly Recommended | J Fam Pract 2:71, 1975 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 | Exercise Prescription | C | 1 2 3 4 | Highly Recommended | J Fam Pract 2:153, 1975 |
| Scientificom 708 N Dearborn St Chicago, IL 60610 | Management of Upper Airway | B | 4 | Limited Value | J Fam Pract 2:153, 1975 |
| University of Michigan Media Library Towsley Center For Continuing Education University of Michigan Ann Arbor, MI 48104 | Children with Croup | A | 1 2 3 4 | Recommended | J Fam Pract 2:154, 1975 |
| University of Michigan Media Library Towsley Center For Continuing Education University of Michigan Ann Arbor, MI 48104 | A Practical Approach to Acid-Base Balance | A | 1 2 4 | Limited Value | J Fam Pract 2:154, 1975 |

| SOURCE | PROGRAMS | MEDIA AUDIENCE | | APPRAISAL | REFERENCE |
|---|--|----------------|------------------|-----------------------|-------------------------|
| | | | | | |
| Charles Press Publishers PO Box 830 Bowie, MD 20715 | Case History B: 20 Years and Out (Interview Film) | B | 1 2 3 4 | Recommended | J Fam Pract 2:154, 1975 |
| University of Michigan Media Library Towsley Center for Continuing Education University of Michigan Ann Arbor, MI 48104 | Management of Cardiac Arrest | A | 1 2 3 4 | Recommended | J Fam Pract 2:315, 1975 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 | Sorting Out Seizures in Children | C | 1 2 | Limited Value | J Fam Pract 2:316, 1975 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 | Primary Treatment of Soft Tissue Injuries | C | 2 3 4 | Recommended | J Fam Pract 2:316, 1975 |
| Upjohn Pharmaceutical Company 700 Portage Road Kalamazoo, MI 49202 | Injection of Three Commonly Affected Arthritic Joints | B | 1 2 4 | Recommended | J Fam Pract 2:316, 1975 |
| Video Digest 2030 Carew Towers Cincinnati, OH 45202 (\$95.00) | Management of the Infant in the Delivery Room | C | 1 2 3 4 | Limited Value | J Fam Pract 2:478, 1975 |
| Scientificom 708 N Dearborn St Chicago, IL 60610 (\$95.00) | Clinical Evaluation of Critically Injured Patients | B | 1 2 3 4 | Some Value | J Fam Pract 2:479, 1975 |
| Department of Obstetrics and Gynecology University of Indiana School of Medicine 1100 West Michigan St Indianapolis, IN 46202 (\$200.00) | Clinical Pelvimetry | B | 1 2 4 | Highly Recommended | J Fam Pract 2:479, 1975 |

| SOURCE | PROGRAMS | MEDIA AUDIENCE | | APPRAISAL | REFERENCE |
|---|--|----------------|------------------|--------------------|-------------------------|
| | | | | | |
| Video Digest 2030 Carew Tower Cincinnati, OH 45202 (\$95.00) | Office Vasectomy | C | 1 2 | Highly Recommended | J Fam Pract 2:479, 1975 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 (\$50.00) | Clues to Congestive Heart Failure | C | 3 4 | Recommended | J Fam Pract 3:223, 1976 |
| Video Digest 2030 Carew Tower Cincinnati, OH 45202 (\$95.00) | Treatment of Psychosomatic Symptoms in Children | C | 1 2 4 | Limited Value | J Fam Pract 3:224, 1976 |
| Professional Research Inc. 660 Bonnie Brae Los Angeles, CA 90057 (\$95.00) | Interpreting Body Language in Everyday Practice | C | 1 2 3 4 | Highly Recommended | J Fam Pract 3:224, 1976 |
| American Heart Association 44 E 23rd St New York, NY 10010 (\$6.00) | Cardiac Emergencies in Infants and Children | A | 1 2 | Limited Value | J Fam Pract 3:224, 1976 |
| National Audiovisual Center National Archives and Records Service Washington, DC 20409 (\$68.00) | Seasons | B | 1 2 3 4 | Highly Recommended | J Fam Pract 3:449, 1976 |
| John Wiley and Sons 603 3rd Ave New York, NY 10016 (\$220.00) | Sexually Mature Adult | B | 1 2 3 4 | Highly Recommended | J Fam Pract 3:450, 1976 |
| John Hopkins University Baltimore, MD 21218 (sold only on subscription basis) | Management of the Irritable Bowel Syndrome | A | 1 2 3 4 | Recommended | J Fam Pract 3:450, 1976 |

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|--|---|-------|------------------|-----------------------|-------------------------|
| | | | AUDIENCE | | |
| Video Digest 2030 Carew Tower Cincinnati, OH 45202 (\$75.00) | Venomous Animal Injuries | C | 1 2 3 4 | Highly Recommended | J Fam Pract 3:450, 1976 |
| Lakes Area Regional Medical Program 2929 Main St Buffalo, NY 14214 (\$10.00) | Modern Day Diagnosis and Treatment of Vulvovaginitis | A | 1 2 3 4 | Some Value | J Fam Pract 3:677, 1976 |
| MEDCOM 2 Hammarskjold Plaza New York, NY 10017 (\$60.00) | Cutaneous Reactions to Drugs | A | 1 2 3 4 | Highly Recommended | J Fam Pract 3:677, 1976 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 (\$50.00) | Diagnostic Thoracentesis | C | 1 2 4 | Recommended | J Fam Pract 3:678, 1976 |
| Charles Press Publishers PO Box 830 Bowie, MD 20715 (\$145.00) | Case History B - 20 Years and Out, Content Film | B | 2 3 4 | Recommended | J Fam Pract 3:678, 1976 |
| Upjohn Company 7000 Portage Road Kalamazoo, MI 49002 (\$25.00) | Gravlee Jet Washer, Endometrial Analysis | B | 1 2 4 | Some Value | J Fam Pract 3:678, 1976 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10053 | Local Anesthesia Three Effective Techniques | C | 1 2 4 | Highly Recommended | J Fam Pract 4:781, 1977 |
| National Audiovisual Center National Archives and Record Service Washington, DC 20409 | Principles of Fracture Reduction | C | 1 2 4 | Highly Recommended | J Fam Pract 4:782, 1977 |

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|---|---|-------|------------------|--------------------|-------------------------|
| | | | AUDIENCE | | |
| Pfizer Labs 267 West 25th St New York, NY 10001 (No charge on a loan basis) | Bronchitis and Bronchiectasis: Differentiation and Treatment | B | 1 2 3 4 | Recommended | J Fam Pract 4:782, 1977 |
| American Medical Association Film Library 512 Burlington Ave LaGrange, IL 60525 Cost: \$10.00 rental | The Complete Gynecologic Examination | B | 3 4 | Limited Value | J Fam Pract 4:782, 1977 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10023 (\$50.00) | Management Tips for Soft Tissue Injuries in Children | C | 2 3 4 | Some Value | J Fam Pract 4:388, 1977 |
| Professional Research Inc 660 Bonnie Brae Los Angeles, CA 90057 (\$95.00) | Transactional Analysis for the Practicing Physician | C | 1 2 3 4 | Highly Recommended | J Fam Pract 4:389, 1977 |
| Pennsylvania State University Audio Visual Service 17 Willard Building University Park, PA 16802 | Hillcrest Family Series - Family Therapy | B | 1 2 3 4 | Recommended | J Fam Pract 4:388, 1977 |
| MEDCOM 2 Hammar skjold Plaza New York, NY 10017 (\$50.00) | Heart Disability in Diabetes | A | 1 2 | Recommended | J Fam Pract 4:387, 1977 |
| Tampa Tracings PO Box 636 Oldsmar, FL 33557 (\$50.00) | The Premature Beat | A | 1 2 4 | Recommended | J Fam Pract 4:389, 1977 |
| Ortho Pharmaceutical Corporation Raritan, NY 08869 (\$178.00) | The Frigid Wife's Husband | C | 1 2 3 4 | Highly Recommended | J Fam Pract 4:784, 1977 |

| SOURCE | PROGRAMS | MEDIA | | APPRAISAL | REFERENCE |
|---|--|-------|------------------|--------------------|-------------------------|
| | | | AUDIENCE | | |
| Ortho Pharmaceutical Corporation Raritan, NJ 08869 (\$178.00) | Aspects of Sexual Inter-viewing The Frigid Wife | C | 1 2 3 4 | Highly Recommended | J Fam Pract 4:783, 1977 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10053 (\$50.00) | How I Do Subclavian Venapuncture | C | 1 2 | Some Value | J Fam Pract 4:784, 1977 |
| MEDCOM 2 Hammarskjold Plaza New York, NY 10017 (\$120.00 - 60.00 per part) | The Red Eye Part 1 and Part 2 | A | 1 2 3 4 | Recommended | J Fam Pract 4:783, 1977 |
| Network for Continuing Medical Education 15 Columbus Circle New York, NY 10053 (\$50.00) | Screening Pre-Schoolers for Neurological Deficits | C | 1 2 3 4 | Highly Recommended | J Fam Pract - In Press |
| MEDCOM 2 Hammarskjold Plaza New York, NY 10017 (\$60.00) | Skin Diseases of the Feet | A | 1 2 3 4 | Highly Recommended | J Fam Pract - In Press |
| MEDCOM 2 Hammarskjold Plaza New York, NY 10017 (\$60.00) | Vascular Tumors of the Skin | A | 1 2 | Recommended | J Fam Pract - In Press |
| American Medical Association Medical Film Library 512 Burlington Ave LaGrange, IL 60525 (\$10.00 rental) | Modern Obstetrics: Caesarean Section | B | 3 4 | Some Value | J Fam Pract - In Press |
| Hunterdon Medical Center Family Practice Training Program Flemington, NY 08822 (\$2,000.00) (2 months rental is \$750.00) | How to Establish A Successful Practice | C | 3 4 | Recommended | J Fam Pract - In Press |

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| University of Michigan Media Library Towsley Center for Continuing Education University of Michigan Ann Arbor, MI 48104 | Identification & Management of the High Risk Obstetric Patient | A | 3 4 | Some Value | J Fam Pract – In Press |
| University of Michigan Media Library Towsley Center for Continuing Education University of Michigan Ann Arbor, MI 48104 | Screening for Glaucoma in Your Office – Tonometry | A | 1 2 3 4 | Highly Recommended | J Fam Pract – In Press |
| University of Michigan Media Library Towsley Center for Continuing Education University of Michigan Ann Arbor, MI 48104 | Differential Diagnosis of Headache | A | 3 4 | Recommended | J Fam Pract – In Press |

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| University of Michigan Media Library Towsley Center for Continuing Education University of Michigan Ann Arbor, MI 48104 | Evaluating Pulmonary Function at the Bedside and in the Office | A | 3 4 | Recommended | J Fam Pract – In Press |
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