



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to Medical Sciences Film Collection

NMAH.AC.0222

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1991

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Table of Contents

Collection Overview	1
Administrative Information	1
Arrangement.....	2
Scope and Contents.....	2
Names and Subjects	2
Container Listing	4
Series 1: Technical Films.....	4
Series 2: Dental Films.....	9
Series 3: Public Health and Nursing Films.....	14
Series 4: Pharmaceutical Films.....	22
Series 5: Advertisements.....	24

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Medical Sciences Film Collection
Identifier:	NMAH.AC.0222
Date:	circa 1930s-1960s
Extent:	36 Cubic feet (81 Films; 16mm)
Creator:	Medical Sciences, Division of, NMAH, SI. Division of Medical Sciences, NMAH
Language:	English

Administrative Information

Provenance

Transferred to the Archives Center from the Division of Medical Sciences, June 1986.

Processing Information

Collection processed by Elizabeth Hollands, 1991.

In general, the film descriptions in this guide record only the data presented in the films themselves. And in most cases this is quite sketchy. Additional research has been conducted on only a few items.

Except for two items with non-accession numbers, no acquisition records came with the films. A number of the prints appear to have come from the Pittsburgh and Allegheny County Health Departments; others probably from a variety of individuals and companies.

A "Film Directory, Medical Sciences Division, NMAH" lists some of these titles with some additional information, which is too sketchy and unexplained to use here. This directory/inventory also includes additional material (in other media) not transferred to the Archives Center and Adventures in Science, which is a separate collection in the Archives Center.

The Collection also includes many titles not on the inventory, many of which appear on Carol Dreyfus's "Medical Sciences Film Catalogue." A CD memo (7/86) in the Control File refers to her handwritten list of additional films brought down. These may be the basis of her "Catalogue."

The series organization probably was made in the Archives Center, and that organization has been retained in the guide for its informational value. However, the 16mm reels (cans, really; a few cans contain more than one roll) have been assigned item numbers, which result in a different organization on the shelves. Each title entry includes its item number. A card file (Films/Shelf Locations) lists all titles, with item numbers, in one alphabetical sequence. The card file also has a Shelflist with all items in numerical order.

Except for material described under Genetic Studies of Infant Behavior, all films have been numbered with a reference print designation. All appear to be release prints, and many are worn. However, no research has been done on the rarity of these prints, so all should be used with caution. Some, no doubt, should be duplicated and retired from use. Any film found worthy of preservation or special protection should be moved to the OF designation.

Preferred Citation

Medical Sciences Film Collection, circa 1930s-1960s, Archives Center, National Museum of American History

Restrictions

Collection is open for research.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Scope and Contents

Films vary in subject, production source, and intended audience. Includes both silent and sound black-and-white, and color films with sound.

Arrangement

Divided into 5 series.

Series 1: Technical Medical films

Series 2: Dental Films

Series 3: Public Health and Nursing Films

Series 4: Pharmaceutical Films

Series 5: Advertisements

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Child care
Childbirth -- 1930-1960
Dentistry

Medical Equipment
Medical education
Medical sciences
Pharmacology
Public health
Surgery

Types of Materials:

Motion pictures (visual works)

Container Listing

Series 1: Technical Films

- Reel RF8 222.30 Amputee Ambulation
Produced for the Department of Physical Medicine by the Department of Photography and Cinema, Ohio State University ; director, Hubert L. Smith ; cinematographers, John L. Friend, Hubert L. Smith. 1970. 1 reel (ca. 10 min.) : sd., b&w ; 16mm. positive. Copyright: MCMLXX. All rights reserved, The Ohio State University. Credits: Production associate, Andreas Rabe with the staff of Dodd Hall ; sound, William R. Buccalo, William B. Finan ; technical advisor and narrator, Ernest W. Johnson, MD. Partially supported by Rehabilitation Services Administration, Social and Rehabilitation Service, U. S. Dept. of Health, Education and Welfare. Summary: The film shows a blind, diabetic woman, whose legs have been amputated, learning to use her prosthesis. She progresses from parallel bars to walker in two days. In six days she is able to go to church, in one month climb stairs, and within several months is independent in her own home. This film shows hospital procedures, fitting of prosthesis, and therapy.
- Item RF 8 222.27 Cannulation Heart Replacement , 1949
1 reel (641 ft.) : si , col. & b&w ; 16mm positive. Copyright: MCMXLIX. Credits: (from label) Wesolowski and Welch Summary: The film shows heart surgery on a dog.
- Item RF8 222.20 The Cough; Diagnosis.
Management, Research / Presented by Eli Lilly & Co., ; director, Frederick J. Margolis, M.D. ; producer, Rex Fleming. c!962. 1 reel (26.5 min.) : sd., col. 16mm. positive. Copyright: MCMLXII. Credits: Don Carlos Hines, M.D. Medical Consultant; Hylan A. Bickerman, M.D., Associate Clinical Professor of Medicine, Columbia University, College of Physicians and Surgeons. Summary: Dr. Bickerman talks about four areas: 1. Types of cough and cough reflexes; 2. Experimental methods in the study of coughs; 3. Diseases, such as Muscular Dystrophy, which affects coughing; 4. Frequency and intensity of coughs treated by codeine and other medications.
- Item RF8 222.1 Cryothalamectomy / Medical photographers, Rose Marie Spitaleri and George Tanis, ; medical art, Mary Lorence. 1964?
1 reel (ca. 15 min.) : sd., col. ; 16mm. positive. Credits: Irving S. Cooper, M.D., Ph.D., Department of Neurologic Surgery, St. Barnabas Hospital, Bronx , New York. Summary: [Definition: Cryothalamectomy: destruction of a portion of the thalamus by application of extreme cold] Case One: A woman with Parkinson's Disease She is conscious throughout the procedure of introducing a canula (tube) into the brain. The surgeon observes her tremors, rigidity and motor, sensory, and intellectual functioning throughout surgery and tailors the size of the lesion (frozen area) to her individualized needs. In one year follow-up exam she is free of rigidity tremors and able to be employed full time. Case Two: A teenaged female with dystonia. She requires constant help with living and is unable to attend school. She undergoes two procedures and at one-year follow-up shows remarkable improvement.

- Item RF4 222.13 Dispersive Diathermy Electrode / 1938. , 1938
1 reel (211 ft.) ; si, b&w ; 16mm. positive. Listed in previous Medical Sciences Film Catalogue and can label as "Diathermy Electrode Application." Credits: (from can label) Dr. William Bierman, M.D., Mount Sinai Hospital, New York. Summary: A technical portrayal of electrode treatment of urethral infection. Shows patient and schematic drawings of procedure.
- Item RF4 222.17 Electronic Production of Coordinated Limb Movements
Supported in part by a U.S.P.H.S. Grant #1-4462 and by the Ottinger Research Foundation ; photography by Howard Friedman, BPA. 1960 1 reel (ca. 6 min.) : sd., col. ; 16mm. positive. Credits: Adrian Kantrowitz, M.D. & Rene Khalif, M.D. ; The Department of Surgery, Maimonides Hospital of Brooklyn and the State University of NY; Downstate Medical Center. Summary: Walking is a coordination of automatic movements of the muscles of the trunk and shoulders as well as the leg and foot. This experiment, shown on a dog, is concerned only with the basic motion of one leg. Electrodes are implanted in that leg. Conclusion: In an anesthetized dog we can perform a basic automatic walking motion which is completely under control.
- Item RF4 222.12 Examination of Patient With Poliomyelitis , 1938?
1 reel (220 ft.) : si., b&w. ; 16mm. positive. Credits: (from can label) Dr. William Bierman ; Mount Sinai Hospital, New York. Summary: Film is divided into four categories: 1. One month after onset of poliomyelitis; male. 2. After three months of treatment; female. 3. Four years duration of disease; 5 or 6-year-old. 4. Arthritis patient: bedridden with severe contractions of extremities, and then 2 1/2 months after treatment.
- Item RF4 222.22 Experimental Use of a Hew Stapling Instrumen for Anastomosis of 1/8 — 1/2 Inch Diameter , circa 1952
Aided by Grant N-64 from the Albert Einstein Medical Center. 1 reel (ca. 10 min.) : sd., col. ; 16mm. positive. Credits: Julian A. Sterling, MD., Sc.D., Senior Attending Surgeon, Albert Einstein Medical Center; Assistant Professor of Surgery, Graduate School of Medicine, University of Pennsylvania Philadelphia. Apparatus made by Ernest G. Schwasse. Summary: In November 1952 small blood vessels were anastomosed by the usual suture techniques in the first successful homo-transplantation of thyroid and parathyroid glands. In order to anastomose such small blood vessels more effeciently an apparatus has now been constructed to insert tiny staples to unite the blood vessels. This motion picture concerns the laboratory development of an apparatus for the anastomosis of vessels smaller than one centimeter in diameter. This machine has also been used in the anastomosis of the new or synthetic vascular prosthesis to each other and to smaller blood vessels. The instrument is stainless steel, easily autoclaved, and comfortable to hold. The film shows each of the components of the instrument and how it works. Print donated by Julian Sterling, M.D., in 1968. Titled in "Anastomosis of small blood vessels" in correspondence (see Control File).
- Item RF4 222.11 Hemorrhoidectomy by Electro Desiccation , 1939
1 reel (194 ft.) : si., b&w. ; 16mm. positive. Listed in previous Medical Sciences Film Catalogue as "Electrocoagulation of Hemmoroids." Credits: (from can label) Dr. William Bierman, M.D., Mount Sinai Hospital, New York. Summary: Portrays surgery under local anesthesia on hemorrhoidal problems,

- Item RF16 222.2 The Human Heart and Its Blood Supply; Life and Death Relationships / From the laboratories of Calvin Productions, Inc. [195-?]
1 reel (ca. 35 min.) : sd., col. ; 16mm. positive. Credits: Technical Advisors: Claude S. Beck, M.D. and David S. Leighninger, M.D. This series of films was made at Western Reserve University, Cleveland, Ohio. Army Film Part 1, Physiology, Calvin Copy #6. Box label: Part 1, Physiology. Dr. C. S. Beck, Heart Foundation. Can label: Army Film; Calvin copy #6 Cleveland, Ohio. Summary: This is Part One, which concerns the physiology of the heart. It starts with an explanation of the working of the heart, showing normal compared to diseased hearts. Dog hearts are used for most surgeries and treatments show patients who have survived varying heart illnesses with proper and immediate care. It mentions mouth to mouth resuscitation.
- Item RF8 222.18 Implantation of a Cardiac Pacemaker To Provide Direct Myocardial Stimulation
Produced by the Department of Medical Communications and Education, Medtronic Inc., Minneapolis, Minn. ; direction, Terry Mareus & Randolph Russ ; narration, Charles R. Hatcher, Jr., M.D.; photography, Robert Beveridge and Joseph Jackson. c!971. 1 reel (538 ft.) : sd., col. ; 16mm. positive. Copyright: MCMLXXI. Credits: Chief of Thoracic and Cardiovascular Surgery, Charles R. Hatcher, M.D. ; Assistant Professor of Thoracic and Cardiovascular Surgery, Kamal A. Mansour, M.D.; from the Department of Surgery, Emory University, School of Medicine, Atlanta, Ga. Summary: Detailed procedure used to implant a cardiac pacemaker and pulse generator.
- Item RF12 222.18 Kidney Function in Health , undated
By Arthur C. Corcoran, M.D., Don Carlos Hines, M.D., Irvine H. Page, M.D. ; from the Lilly Laboratory for Clinical Research, n.d. 1 reel (38.5 min.) : sd., col. ; 16mm. positive. Animated. Credits: From the Calvin Laboratories, Kansas City, Mo.; Dr. Jean Oliver, Professor of Pathology, Long Island College of Medicine ; Paul B. Hoeber, Inc., publishers have permitted reproduction of illustrations from Dr. Oliver's book, "Architecture of the Kidney in Chronic Bright's Disease." Accompanying material states: This film is fully animated and is intended as an aid in teaching normal kidney physiology. (Recent developments have altered some of the concepts expressed in this film. Nevertheless, the present version will be available until a revised edition is ready for distribution.) Summary: Fully animated technical description of the functions of the kidney and some of the diseases associated with disfunction of the kidney.
- Item RF8 222.19 The Mechanism of the Heart Beat and Electrocardiography
Produced by Worcester Film Corp. ; by Lewis M. Hurxthal, M.D., Lahey Clinic ; animation by Albert Paganelli. n.d. 1 reel (992 ft.) : si., b&w ; 16mm positive. Summary: This film begins with a description and diagram of the heart. Next it shows the anatomical path involved in a heart beat. The following variations on normal performance are described: premature beats, compensatory pause, paroxysmal tachycardia, and predominant hypertrophy. "The electrocardiogram is of value in diagnosing the following conditions: certain arrhythmias, heart block, axis deviation, and coronary occlusion. This film has illustrated the heart beat mechanism and its electrocardiogram diagrammatically."
- Item RF8 222.13 Open Heart Repair of Ventricular Septal Defect , 1958
1 reel (ca. 20 min.) : sd., col. ; 16mm. positive. Listed in previous Medical Sciences Film Catalogue (and can label?) as "Open Heart Closure of Ventricular Septal Defect." Credits: A. Kantrowitz, Director of Cardio-Vascular Surgery,

- Maimonides Hospital, Associate Professor of Surgery, State University of New York College of Medicine. Summary: A very detailed film of surgery to repair the heart of a four-year-old girl with significant ventricular septal defect. There are close up pictures of every step of the surgery with commentary to explain in detail each step as the surgery progresses. Included is a description of the monitoring device used as well as drugs and instruments necessary.
- Item RF4 222.15 Orthotopic Homotransplantation of the Mammalian Heart , 1968
Cinematographer, Harold Friedman, BPA. From the Clinical Congress of the American College of Surgeons, 1968. 1 reel (ca. 7-10 min.) : sd., col. ; 16mm. positive. Title and date on can label: Orthotopic Homotransplantation of the Heart in Puppies. 1964. Credits: Yoshio Kondo, M.D., Franz Gradel, M.D., Adrian Kantrowitz, M.D. ; from the Division of Surgical Research, Maimonides Hospital of Brooklyn ; supported by U.S.P.H.S. Grant # H-6510. Summary: Our experiment is an attempt to develop a practical technique for transplantation of the heart in puppies under profound hypothermia, thus avoiding the use of a pump oxygenator. Recipient is cooled to about 16 degrees C.; donor is cooled to 28 degrees C. The recipient's chest is opened and the slow-beating heart under this degree of hypothermia is removed. The donor's heart is removed by another surgical team and kept in a cold solution until needed. It is attached to the recipient, taking care to make a water-tight seal and traumatize the tissue as little as possible. The aorta is re-attached and all air removed. The operation takes 45 minutes. We're shown the growth and development of three pups with transplanted hearts. No immunosuppressant drugs were used.
- Item RF4 222.20 Patients with Multiple Sclerosis , [1938].
1 reel (500 ft.) : si., b&w ; 16mm. positive. Date from can label. Credits: Dr. William Bierman, Mount Sinai Hospital, N.Y. Summary: This film shows patients with multiple sclerosis exercising their limbs with various weight machines.
- Item RF4 222.16 Repair of Ruptured Ventricular Septom
Photography, Harold Friedman, BPA. 1962? 1 reel [ca. 5-10 min.] : sd., col. ; 16mm. positive. Date on can label: 1963. Credits: Adrian Kantrowitz, M.D. (F.A.C.S.), Bernard Levowitz, M.D., George Degenshein, M.D., Departments of Surgery, Maimonides Hospital of Brooklyn and State University of New York, College of Medicine Downstate, 1962. Supported in part by U.S. Public Health Service Grant H-6510. Summary: Film shows the routine use of a completely automated disc-type pump oxygenator. This is the step-by-step surgery on a 53-year-old male who had suffered a coronary occlusion eleven months earlier. Twelve days after the occlusion he had cardiac failure and was diagnosed as having a ruptured ventricular septum. After opening the chest cavity the patient is hooked up to the pump oxygenator, which completely supports him while the defect is closed. The heart continues to beat normally. Patient is up and around in eight days and leaves the hospital with no problems.
- Item RF8 222.21 The Silhouette Sign; Location of Intrathoracic Lesions
Film Planning and Production under Direction of the Exhibits and Audio-Visual Promotion Department and Medical Communications Division, Eli Lilly and Company, by the Lowe Company ; by Benjamin Felson, M.D., Chairman and Professor, Department of Radiology, University of Cincinnati, n.d. 1 reel (30 min.) : sd., col. ; 16mm. positive. Listed in previous Medical Sciences Film Catalogue (and can label?) as "Location of Interthoracic Lesions." Accompanying material states: The film is set in a classroom, where Dr. Felson,

with the help of models and x-ray films, discusses the fundamentals of radiology. He shows the effect of various substances (air, tissue, bone) on x-rays and uses these facts to explain the silhouette sign. With radiographs of actual cases, Dr. Felson demonstrates the value of silhouette sign as a means of determining the presence, location, and extent of intrathoracic lesions. The unique features of the film are its classroom atmosphere and the quiz sessions, which allow audience participation.

Item RF8 222.2

Technique of Chemothalamectomy and Cryothalamectomy

Medical photographers, Rose Marie Spitaleri and George Tanis ; medical art, Mary Lorence. circa 1960. 1 reel (ca. 15 min.) : sd., col. ; 16mm. positive. Copyright: MCMLX. Credits: Irving S. Cooper, M.D., Ph.D., St. Barnabas Hospital, Bronx, N.Y. Summary: Part one of the film describes the insertion of a cannula (tube) into the brain of a conscious patient to allow medication to be used to relieve his tremors. Part two describes the physiological blockade and destruction of a lesion by using extreme cold. [Definitions:] Chemothalamectomy; Destruction of a portion of the thalamus by introduction of chemical agents. Cryothalamectomy; Destruction of a portion of the thalamus by application of extreme cold.

Item RF4 222.10

Technique of Treatment of Gonorrhoea in the Female by Means of Systemic and Additional Pelvic Heating 1937.

1 reel (450 ft.) : si., b&w ; 16mm. positive. Listed in previous Medical Sciences Film Catalogue and on can label as "Treatment of Gonorrhoea in the Female by Artificial Fever." Credits: William Bierman, M.D.; E. A. Horowitz, M.D., Beth Israel Hospital. Summary: The film describes the systemic pelvic heating method of treating gonorrhoea in women. Interior titles state: "It is possible to destroy gonorrhoea in the human body by means of elevated temperatures. The upper limit of safe systemic fever is about 106.7 degrees F (41.5 C). However, we can raise the temperature of the tissue of the pelvis to higher levels (109-110 degrees F (43-43.5 C) for many hours without tissue damage and with greatly increased effectiveness in the destruction of the gonococci."

Return to Table of Contents

Series 2: Dental Films

- Item RF4 222.28 A Drop in the Bucket
Federal Security Agency, Public Health Service, Division of Dental Public Health ; director, Joseph Henaberry ; script, Oeveste Granducci ; photography, Andrew L. Gold. [ca. 1962?] 1 reel (ca. 12-15 min.) : sd., col. ; 16mm. positive. Credits: Film made with the cooperation of the people of Newark, Delaware. Summary: Film shows the process of a small town's residents discussing a new idea of flouridating their drinking water. Seven years after flouridation began, the children of the town show two out of three cavities are prevented with flouridation.
- Item RF8 222.35 It's Your Health
Apex Film Corporation ; director, William J. Thiele. producer, Jack Chertok ; screenplay, William J. Thiele and David Sheppard ; director of photography, Robert Pittach ; Southern California State Dental Association. [195-?] 1 reel (ca. 15min.) : sd., b&w. ; 16mm. positive. Credits: Art director, McClure Capps ; film editor, Jack Ruggiero ; music, David Chudnow ; narrator, Gerald Mohr ; technical advisers, John R. Abel, DOS, Captain Perry M. Shaw, D.C. USNR, Hugo M. Kulstad, DDS, James Robinson. Summary: Film follows the story of two brothers: Jimmy and Tommy. Jimmy dreams of going to the Naval Academy in Annapolis. However he fails the dental exam and is therefore rejected. He asks the family dentist to teach young children the importance of good nutrition and good dental hygiene.
- Item RF4 222.4 Save Those Teeth, circa 1949
Encyclopedia Britannica Films, Inc., 1 reel (ca. 11 min.) : sd., b&w ; 16mm. positive. Copyright: MCMXLIX Credits: Copyright and the Right of Reproduction by Television Reserved under the Supervision of Warren P. Everote, Ph.D., Associate in Research and Production. In collaboration with J. Roy Blayney, D.D.—Director, Walter G. Zoller Memorial Dental Clinic, The University of Chicago. Summary: An 11-year-old boy has just had his first cavity filled. The dentist gives him advice on brushing, eating habits, and return visits. The use of flouride as a decay deterrent is mentioned.
- Item RF4 222.27 Science Fights Tooth Decay , circa 1957
Produced and directed by Leo Trachtenberg; written by O'Brien Boldt ; cameramen, Vachel Blair and Ross Lowell. 1 reel (ca. 15min.) : sd., b&w ; 16mm. positive. Copyright: Leo Trachtenberg, 1957. Credits: Art work, Tom H. Darling ; Thanks to the following agencies: Committee To Protect Our Children's Teeth, New York City Department of Health; New York State Department of Health, Columbia University School of Dental and Oral Surgery, University of Rochester School of Medicine and Dentistry. Summary: A meeting of adults/parents to learn about flouridation in water to help combat tooth decay. Tooth decay is a chronic disease that can affect general health. Dr. Basil G. Bibby, of the School of Medicine and Dentistry of the University of Rochchester, discusses studies of areas with and without flouride in the water, assuages fears of safety of flouridation in water, and displays graphics on costs of flouridation.
- Item RF4 222.26 Sit Down. Doctor—And Live!
Produced with the cooperation of Veterans. Administration Audio Visual Service, Veterans Administration Dental Training Center, Washington, DC. [197-?] 1 reel (400 ft.) : sd., col. ; 16mm. positive. Summary: Film opens at the National

Museum of American History, showing many advances in the last two centuries. Dentists are urged to add years to their lives by changing the way they practice—sitting down, using the right equipment, and adjusting the patient's position.

- Item RF4 222.1 Speaking of Health.—Dental Decay / General Pictures Productions, Inc., 1960?
1 reel (ca. 2 min.) : sd., b&w ; 16mm. positive. Summary: Brushing, eating right, dental examinations, and sodium flouride treatments all add up to good teeth. Slogan: "Join Hands With Your Dentist."
- Item RF4 222.6 Swab Your Choppers , 1948
United Productions of America. U.S. Navy. 1 reel (ca. 10 min.) : sd., col. ; 16mm. positive. Animated. Summary: Eating sweet, starchy, etc. foods and not brushing leads to decay and gum problems. Get dental care and learn how to take care of your teeth and gums correctly.
- Item RF4 222.5 Teeth Are To Keep , circa 1949
The National Film Board of Canada ; produced for the Dental Health Division, Department of National Health and Welfare ; script, P. K. Page and Jim MacKay ; animation, Jim MacKay, Ray Roy, S. D. Rigolo ; music, Eldon Rathburn ; camera, Lyle Enright. Encyclopedia Britannica Films, Inc., circa 1949. 1 reel (ca. 15 min.) : sd, col. ; 16mm. positive. Animated. Copyright: MCMXLIX Summary: Animated film of young family with three children and dog. The front teeth cut food, the back teeth crush and grind food. The dog keeps his teeth clean by chewing bones. The family keep their teeth healthy by eating the right foods, brushing after meals, avoiding sweets, and seeing a dentist twice a year. Slogan: "Birthday Once a Year—Dentist Twice a Year"
- Item RF4 222.3 Your Child's First Visit to the Dentist
Producer, Dr. Eduard Georg Friedrich ; photography, Morris Blechman. [196-?] 1 reel (ca. 20 min.) : sd., b&w ; 16mm. positive. Credits: Sound by Zenith Cinema Service, Inc. ; George W. Colburn Laboratory, Inc. (as a function of the Dental Health Education Committee of the North West Branch Chicago Dental Society). Summary: Film shows the approaches of two mothers at their children's first visits to the dentist. The correct one is relaxed and lets the dentist and his staff handle the child. The incorrect one is overly protective and nervous. Next are the four rules for good dental health: brush after each meal, nourishing foods, visit dentist two times per year, and treatment with sodium flouride.
- Item RF12 222.14 Air Pollution; The Facts
Amram Nowak Associates ; written, produced, and directed by Richard Bluestein ; executive producer, Milton Robertson ; camera, John Burke ; editor, Stephen Sheppard. [197-?] 1 reel (ca. 30 min.) : sd., col. ; 16mm. positive. Credits: American Lung Association ; U.S. Environmental Protection Agency. Summary: The problem of lung disease is a serious one. Twelve leading scientists, physicians, and engineers share their latest findings and deep concerns about health, air pollution, possibilities of controlling pollution, and social and economic factors affecting our decisions. Examines four major pollutants: ozone, carbon monoxide, particulates, and sulfates. Participants: Dr. Bertram Carnow - Professor of Environmental Medicine, Univ. of Illinois Medical Center. Dr. Carl Shy - Director of Environmental Studies, Univ. of N.C. Dr. Nicholas Rummo - Chief, Physiology Branch, Clinical Research Laboratory, Research Triangle Park, North Carolina. Dr. Douglas Hammer - E.P.A. Science Consultant and Epidemiologist Dr. Wilbert Aronow - Professor of Medicine,

U. of California in Irvine Dr. Stanley Rokaw - Medical Director of L.A. Lung Association. Dr. John Knelson - Director, Health Effects Research Laboratory, Triangle Park, North Carolina Dr. Bernard Steigerwold,- P.E. Director of Air Quality Planning and Standards; Dr. Gerschen Schaefer - President, California Thoracic Society; Dr. Richard Geer - Pediatrician, Durango, Colorado; Brian Ketcham - P.E., V.P. and Staff Engineer, Citizens for Clean Air.

- Box RF12 222.1—
222.11
- At Home With Your Child (series)
Produced with the cooperation of the Pittsburgh Department of Public Health with Dr. Anne B. Wagner, chief of maternal and pre-school health, and WQED-TV ; director, Carlyle Freeborn ; producer, Mary Gibbons, [early 195-?]. 12 reels of 13 (ca. 28 min. ea.) : sd., b&w ; 16mm. positive. Credits: Technical supervisor, Larry Flavin.
- Item RF12.222.1
- Program #1. Preparing the Home for Baby.
This is the introductory film to the series. It suggests ideas for preparing the home for baby physically and psychologically.
- Item RF12 222.2
- Program #2 Baby's Clothing.
This program details the dressing of the newborn. It goes on to show two babies; one 2 weeks old and the other 5 weeks old. A doctor comments on baby's development, etc.
- Item RF12 222.3
- Program #3 Baby Gets a Bath.
This program deals with Baby's first bath. Baby should not have a bath until his 5th to 7th day, and after the cord has fallen off. A nurse demonstrates the techniques of bathing a newborn. Tips are offered for avoiding diaper rash and how to control it if it develops. Cradle cap can be helped by rubbing briskly with mineral oil. Most birthmarks will disappear in the first year; more severe ones will need medical treatment.
- Item RF12 222.4
- Program #4 Making a Formula.
This program covers making a formula and feeding the baby. There is a trend away from breast to bottle-feeding. A majority of babies are bottle-fed at the time of this film. Baby loses weight after birth mostly due to "drying out" from liquid atmosphere in womb. Usually regains birth weight in 10-12 days. Nurses demonstrate how to prepare formula that is "terminal heated"—not sterilized—and therefore must be refrigerated when cool. Hints are offered for preparation of formula and making feeding easier.
- Item RF12 222.5
- Program 5. Baby at 12 Weeks (Mother Takes A Night).
Recommends "self-regulated" feeding schedule for baby, i.e., feeding at baby's own schedule. Describes various methods of burping baby. If the baby cries quite hard at certain times of day, he probably has colic (cramping in the intestine). Time is the only cure. Solid food is introduced at 6-8 weeks. Mother should leave baby sometimes. Mother talks with teenaged sitter.
- No Program #6 in collection.
- Item RF12 222.6
- Program #7. Baby Graduates to the High Chair.
Every baby grows at its own schedule, which can be interrupted by illness but is usually made up as soon as the baby has recovered. At 6 months baby will smile when spoken to, identify voices, not be afraid of strangers but

recognizes them as such, reaches for things and holds them. There's no right or left-handedness yet; everything goes into the mouth and he can sit in a highchair. Baby wants companionship but must play alone also. He's drinking from a cup and can feed himself small pieces of food placed on high chair tray. He's getting some teeth. Thumbsucking is ok. He should have good sleeping routine by now—not in parent's bedroom. Also needs active clothes now.

Item RF12 222.7

Program #8. The Nine-Month-Old.

The nine-month-old is aware of people, friendly, and outgoing. She's beginning to try to talk, make sounds, and imitate (pattycake, etc.). It's time to put away valuables and baby-proof the rooms. Describes identical twins (one egg, one sperm, same blood type) and non-identical twins (two eggs, two sperm, hereditary). Start playpen use before she creeps. She eats three meals per day plus a.m. and p.m. snack.

Item RF12 222.8

Program #9. Baby's First Step.

This film looks at the one-year-old. This past year has seen his most rapid growth. He has tripled his birth weight and grown approximately 10 inches. Development, too, has been tremendous. He can reach, grasp, creep, roll over, pull up to standing, and walk. Narrator gives instructions on buying shoes for this age and "baby proofing" your home during this period of extensive exploration. Eating habits will change as growth slows. Probably too early for toilet training.

Item RF12 222.9

Program #10. The Toddler.

This film is devoted to the two-year-old. He will not gain as much weight as previously, but he will grow approximately 5 inches. His muscle control improves and he walks well, runs, and climbs. Do not interfere with right or left-handedness. Very individualistic in play but likes to be near others. Does not share well and is very possessive. His vocabulary will expand enormously, and he will use short sentences. His appetite will decrease. He has a short attention span. Toilet training can be started, maybe successfully. There will be stormy times. He's vigorous, active, and inquisitive.

Item RF12 222.10

Program #11. Playmates

The 3-5 Year Old. The three to five-year-old is featured. He will grow taller rapidly and become more slender. His jaw and facial bones will grow. He should be introduced to the dentist. By five years of age he plays with other children, dresses and undresses himself, is toilet-trained, feeds himself, and has a longer attention span. He is very attached to his mother and doesn't like her to leave him; assure him she will come back. It's hard for him to accept a new baby, but let him help in the preparation for it. After four years, the appetite improves and he expresses likes and dislikes of food. Emphasize that dessert comes at the end of the meal and is not the meal. Measles is the most serious illness without an immunization. Recommends gamma globulin if exposed to measles.

Item RF12 222.11

Program #12: Getting Johnny Ready for School.

For children who do not go to nursery school or kindergarten the adjustment to first grade can be difficult. The child's body is growing rapidly and he may have dramatic mood swings. It's a good idea to visit the school and teacher

before classes begin. Most schools do some special tests such as "Reading Readiness," vision, and hearing.

[Return to Table of Contents](#)

Series 3: Public Health and Nursing Films

- Item RF8 222.36 **Because She Lived**
Reid H. Ray Film Industries ; presented by The Sister Elizabeth Kenny Foundation ; director, Saul Elkins ; writer, R. Glen Low. [195-?]. 1 reel (495 ft.) : sd., col. ; 16mm. positive. Credits: Narrated by Herbert Marshall. Summary: "Today thousands who might have been hopelessly crippled by polio lead active, normal lives." The film focuses on the Kenny Institute's treatment facility for polio victims. It shows the methods used to stimulate the muscles back to normal. The film was made to solicit donations to support the foundation.
- Item RF4 222.34 **Behind the Shadows**
A Windsor Production ; National Tuberculosis Association and it's Affiliated Associations ; Christmas Seal Film Library. [194-?]. 1 reel (ca. 15 min.) : sd., b&w ; 16mm. positive. Summary: A professor is teaching high school students about tuberculosis. The school tests for the possibility of infection. Thirty per cent of the students have been exposed. X-rays indicate only one or two are actually infected. Film illustrates how the disease is contracted, pathology of the disease, and the Neumothorax operation. That operation collapses the lung so it can rest and recuperate, then it can be replenished with air.
- Item RF16 222.3 **Birthright**
Southern Educational Film Production Service ; produced under the auspices of the Georgia Department of Public Health with cooperation of Hall County Health Dept. ; directed by Bill Clifford ; script by George C. Stoney ; photographed by Ralph A. Woolsey. Presented by Columbia University Educational Films, circa 1951. 1 reel (ca. 45 min.) : sd., b&w ; 16mm. positive. Copyright: Columbia University Press, 1951. Credits: Music director, Louis Applebaum ; sound, Bill Godsey ; music, Lan Adomian ; edited by Fred Lasse ; assistant editor, Barbara Clements ; assistant cameraman, Bob Gordon ; assistant director, Speight Cooper ; assistant producer, Ralph A. Woolsey. Cast: Boyce Brown (John Lloyd), Marjory Morris (Lisa Lloyd), Paula Haygood (Nell Morse), W. O. Jarrett (Jeremiah Crawford), Mrs. W. O. Jarrett (Martha Crawford), Howard Williams (Bradley Kendrick), Allie May Williams (Kitty Kendrick), C. S. Buchanan (Health Officer), Robert Fisher (Family Doctor), Claribel Jones (Nurse McElvrey), W. T. Gantt, Jr. (Drake), "Jake" Ellerd (Jake), Edward Mangum (Ed), Sara Tankersly (Mrs. Duvall), Major Nucholls (Mr. Duvall), Patsy Brown (Patsy Lloyd), Charles Westbrooke (John Lloyd, Jr.) Summary: Follows the case study of a young couple. The young man contracts syphilis, which he then passes to his pregnant wife. Through the endeavors of the public health department and the family physician the couple is able to recover and have a healthy baby.
- Item RF8 222.14-15 **Dance Little Children**
A Centron Production ; presented by the Kansas State Board of Health in cooperation with the U.S. Public Health Service. A public service presentation of the Allegheny County Health Department, 1969? 1 reel (896 ft.) : sd., col. ; 16mm. positive. Credits: Pittsburgh Department of Health ; Dr. Adam Jameson, private physician ; Dr. Ralph DeForest, Head of the Oakdale Health Department. Summary: This is the case study of an outbreak of syphilis among young people, 12-19 years of age, in a small town. It shows the rapid spread of the disease, the state investigator tracking down all contacts, and parental reaction.
- Item RF 8 222.7-11 **Education for Childbirth (series)**

Produced for Medical Films, Inc. by Photo and Sound Productions ; direction, C. A. Larrance ; writer-director, D. M. Hatfield, PhD. ; director of photography, W. C. Eymann ; cinematography, K. F. Patton ; art director, F. P. Barker ; drawings, W. R. Larrance ; editing, G. H. Watson and C. A. Larrance. A public service presentation of the Allegheny County Health Department ; Medical Arts Productions, [195-?]. 4 reels (ca. 15 min. each) : sd., b&w ; 16mm. positive. Credits: Consulting Obstetrician, Earle M. Marsh, M.D. ; cooperation and assistance, the staff of Franklin Hospital, San Francisco. Summary: A series of four films explaining the stages of pregnancy and birth.

Item RF8 222.7-8

Labor and Childbirth.

This film describes the three stages of childbirth. In stage one contractions begin, become harder and more frequent. Patient goes to the hospital and prepares for birth. Stage two begins when contractions come every three minutes, and mother is dilated sufficiently for baby to move down the canal with help from mother and doctor. And baby is born. Stage three is completed when the placenta is discharged.

Item RF4 222.30

A Normal Birth.

The film starts with a statement indicating this is a normal birth. "Although the birth is typical, there are innumerable variations of the same general pattern of delivery. Your own experience may differ considerably in detail but in the main this is what you may expect." It then portrays each step of the delivery and birth. Also shows tying the cord, after birth, and suturing

Item RF4 222.33

Postnatal Care.

A new Mother and Father with their newborn. The mother will be stiff and sore for the first few days. Her doctor shows her some basic, gentle exercises for re-toning her muscles. The film covers discharges after birth, breastfeeding, exercises, and going home with baby.

Item RF8 222.22

Evolution of a Heavy Lift Helicopter—"The Flying Crane"

Produced by U. S. Array Pictorial Center. 1967. 1 reel (ca. 20 min.) : sd., col. ; 16mm. positive. Listed in previous Medical Sciences Film Catalogue (and can label?) as "U.S. Army CH-54A Flying Crane: Evolution of a Heavy Life Helicopter." Credits: The United States presents SF 46 342 Seta Last PRT #15; Major Stone OCRD Room 3D 369; U.S. Army Materiel Command, CH54A. Summary: The effectiveness of the helicopter was proven during the Korean War. The development of various models is shown—with increasing lift capacity. The CH54A was the largest and the one most used in Vietnam. It has a distinctive shape. It can transport complete medi-pods and command posts, retrieve downed planes, etc.

Item RF12 222.15

Feeling All Right

The Mississippi State Board of Health ; produced by Southern Educational Film Production Service ; direction, Fred Larse ; producer, William T. Clifford ; original story, Nicholas C. Read, George Stoney ; camera, Gorden Weisenborn. [194-?]. 1 reel (ca. 30 min.) : sd., b&w ; 16mm. positive. Credits: Technical advisor, William A. Mason, M.D., M.P.H. ; music, Louis Applebaum. Cast: Eldred Marshall (Lloyd Jackson), Mrs. Marshall (His Mother), George Mixon and Margaret Lindsey (Friends Jim and Ruby), Thelma Bonds (Jim's friend, Linda), Blandy Potts (Roy's true love, Irma). Summary: This is the story of a young man who contracts syphilis. The quack cures offered by his friend do not help.

A County Health person comes to the Community to teach about the dangers and treatment of the disease. He receives free treatment at the health center and is cured. Note in can: "The emulsion of this film has been treated by the Vacuumate Process to resist future damage from climate, wear, scratches, oil, and finger marks."

Box RF12 222.17

50-50 Chance

A Public Health Service Audiovisual Facility Production; produced for The National Communicable Disease Center. U.S. Department of Health, Education, and Welfare, circa 1967. 1 reel (ca. 20 min.) : sd.; col. ; 16mm. positive.

Copyright: MCMLXVII. Credits: Public Health Service Presents M1415.

Summary: A woman pricks her finger while gardening. She becomes very ill within one week with tetanus (including lockjaw). Fifty per cent of those infected die. Tetanus bacteria grow everywhere. Immunization is 100% effective. The film urges all people to be immunized.

Item RF20 222.1-2

The Forgotten Frontier

Frontier Nursing Service, 1925. 1 reel (1635 ft.) : si., b&w ; 16mm. positive.

Summary: In 1925 the new kind of "fetched-on" woman first appeared in the wild Kentucky highlands. In the saddle in all weathers, she found her way to isolated mountain cabins making friends with bright-eyed children, tending women in childbirth, spreading ideas of "furrin" sanitation, and hygiene. These are true stories, acted by the people of the county who volunteered in appreciation of the nursing service to reproduce scenes of their everyday life.

The Frontier Nursing Service provides child hygiene, midwifery, sick nursing, medical care, dentistry, public health, and emergency surgery in the Appalachian Mountains....By means of which the national maternal death rate is cut more than 2/3 in the remote regions and the health of the population raised to a high level. Filmed in Hazard County, KY. Visitors come to visit this remote area to observe the work of these frontier nurses. They are welcomed by Mrs. Mary Breckinridge, the director, to "Beach Fork Center," a gift of Mrs. Nathaniel Ayer of Boston as a memorial to Jessie Preston Draper. She relates an incident of a man who rushed into the center to ask a nurse/midwife to come to assist his wife, who is in labor. She traveled many miles on horseback over rugged terrain, reached the primitive home, and helped to deliver the child.

Assistant director Miss Peacock and Willeford supervise the building of a new center, "The Caroline Butler Atwood Memorial Center, a gift of Mrs. John W. Price, Jr., of Louisville and Miss Atwood. Miss Price visits home of a mountain craftsman whose daughter is ill. Nurses inoculate the school children. Shows nurses riding horseback through rough terrain in bad weather, making house calls to their patients. Tells the story of a man who is a single parent and takes his sick newborn to the Frontier Nursing Service Hospital at Hyden. Another story tells of an "old fashioned shootout." A child finds a man who has been shot in the woods. He contacts the frontier nurses, and they make a stretcher and organize men to carry the patient to the nearest hospital (7 hours) for surgery. Non accession #1984.3074. Print donated by Marvin Breckenridge (Mrs. Jefferson) Patterson. See also The Road.

Genetic Studies of Infant Behavior

The films gathered together under this heading were listed in previous inventories under a variety of titles (see below) that gave scant indication of their contents. They relate to the work of Martin A. Couney, who pioneered in the

development of incubators for premature infants and exhibited both the infants and the apparatus in fairs and amusement parks early in the twentieth century.

The films themselves are not self-explanatory; in fact, they are difficult even to summarize. Furthermore, they may have been cut for reuse. There are no records of provenance or use. Most of the information in the Archives Center on these films comes courtesy of Martin Pernick (Department of History, University of Michigan). Particularly useful is an article in *Pediatrics* (August 1979), "Incubator-Baby Side Shows," by William A. Silverman, M.D. (Some of the films appear to have come to the Museum from Dr. Silverman).

Mr. Pernick also was responsible for obtaining a grant for the preservation of *Genetic Studies of Infant Behavior*. As part of this project prints were borrowed from the Gesell Institute of Human Development in New Haven, Connecticut, for comparison to NMAH's copy. Additional details, including detailed viewing notes, can be found in Audiovisual Collections administrative files.

Item RF8 222.37
(reference print)

Genetic Studies of Infant Behavior From the Photographic Library of the Clinic of Child Development; The Growth of Behavior in Fetal Infancy by Arnold Gesell. M.D. Fandl Catherine S. Amatruda. M.D.

[1939—1940?]. 1 ree (ca. 700 ft.) si., b&w; 16mm. positive (ref. print); Credits: [Clinic] director, Arnold Gesell, M.D.

Summary: Premature infants in incubators and being fed, bathed, and dressed by nurses. Footage is quite choppy and sometimes of poor quality. There are some intertitles and signs identifying individual infants.

The Archives Center's copy (archival positive) listed in previous Medical Sciences Film Catalogue as "N.Y. World's Fair, 1939-1940, Incubator Baby." This probably is the film listed in Medical Sciences Division's inventory as "1939 Fair Sequences, 7 min, Hartman-Gesell."

For convenience, Archives Center's copy also has been labeled "Collection #222, can #1." Additional prints were borrowed from the Gesell Institute of Human Development: "Fetal Film R2068" and "Behavior of Fetal Infant Reel 2069" (from can labels). They were virtually alike and more complete than Coll. #222 can #1, although AC's copy has some footage not in the Gesell prints. Coll. #222 can #1 and Gesell #2068 were chosen for preservation; duplicate negatives and reference prints were made of these prints at Bono Film & Video Services in February 1989. These negatives and prints have been retained by the Archives Center. (Video copies also were made for Martin Pernick.) Gesell #2068 and Gesell #2069 were forwarded to the Historical Audiovisuals Collection at the National Library of Medicine in July 1989, as a transfer from the Gesell Institute of Human Development.

Item OF4 222.2
(archival positive)

[Three Couney Sequences]

1 reel (ca. 400 ft.) : si., b&w and col. ; 16mm. positive; On viewing notes, this reel has additional identification as Can #2. Handwritten labels on can: William A. Silverman, 90 La Cuesta Dr., Greenbrae, Calif. 13 minutes. Three Couney Sequences: 1. Panama Pacific Exposition S.F. 1915 ("The Innocent Fair" KPIX black & white) 2. N.Y. World's Fair N.Y. 1939 (Nickman Footage - color) 3. N.Y. World's Fair 1939 (Gesell Footage - black & white) On head leader: Dr. Wm. Silverman #15966

Contents: Can #2.1 (ca. 100 ft., b&w) includes scene of a man with mustache near incubator; the shot appears to be a step-print of a still picture; the man may be Couney. (dim and scratchy). Also incubators, nurses, and babies. (This sequence probably is an excerpt from *The Innocent Fair*, a 1960 television documentary about the Panama Pacific International Exposition in San Francisco, 1915. Dr. Couney exhibited at that fair. See Silverman's article.) Can #2.2: (ca. 100 ft., col.—faded). Exterior footage of building matching Silverman's description of 1939 exhibit at New York World Fair. Also has interior shots of equipment, and a sign on wall—INFANT INCUBATOR / OXYGEN THERAPY / BY / AMERICAN OXYGEN SERVICE / cMCMXXXIX [?]

Can #2.3: (ca. 200 ft., b&w). Excerpts from *Genetic Studies of Infant Behavior*. See viewing notes for details.

Can #3: Handwritten labels on can: Add to Dr. Silverman Incubator baby Collection 1939 World's Fair.

Item OF4 222.3
(archival positive)

[Unidentified Collection #222. Silverman Footage?

Ho. 11. 2 rolls (ca. 50 ft., ca. 40 ft.) : col. & b&w ; 16mm. positive. Two rolls of film, on cores and with AC-type leader, were found in 8/88 in an unlabeled can (with other unidentified rolls, which may belong in the Underwater Archeology Collection). They may be the film from can #3. They have the look of trims and may be incomplete. They may be excerpts from Three Gounev Sequences. See viewing notes for descriptions.

Item OF4 222.4
(archival positive)

[Unidentified Collection #222.

Silverman Footage? Ho.21. 1 roll (ca. 40 ft.) : si., b&w ; 16mm. positive. Also identified as Can #4. Handwritten labels on can: Orig. Print Smithsonian Incubator Baby Slide [sic] Show Written on leader: 7/27/83 Yorkshire TV "Smithsonian Medical Lib" / b&w rev pt Awind. Contents: Brief footage of infant care, including part of intertitle: *The Fetal Infant / Methods of care as practiced by / Infant Incubator Co., Inc.* This intertitle is also seen in Three Couney Sequences. Can #2.3.

Item RF8 222.28

A Good Beginning

Produced for Magee-Women's Hospital, Pittsburgh, by the Post Graduate Medical Program, University of Pittsburgh ; Bureau of Health, Education, and Public Information ; producer-director, Roger Wolfe ; written, narrated, and editorially supervised by Barbara Roudabush, R.N. ; cinematographer, Joe Samul. 1967. 1 reel (ca. 15min.) : sd., col. (faded) ; 16mm. positive. Credits: Graphic arts, Jack Guest ; medical advisers, Campbell Moses, M.D., Jack L. Fairweather, M.D., John B. Reinhart, M.D., Charles L. Wood, M.D., Ronald A. Chez, M.D.; music, John Costa. Summary: This film is directed to the nursing of babies, care of the breast, and to the introduction of supplemental food.

Item RF8 222.23-25

Human Reproduction

Audio Productions, Inc. ; sponsored by American College of Surgeons. McGraw Hill, circa 1947. 1 reel (772 ft.) : sd., b&w ; 16mm. positive. Correlated with "Textbook of Healthful Living" by Harold S. Diehl. Credits: Technical advisers, Harold S. Diehl, M.D., M.A., D.Sc., William A. O'Brien, M.D., Ruth E. Boynton, M.S., M.D., Ruth E. Groot, Ph.D., C.P.H. ; School of Public Health, University of Minnesota. Summary: Friend of family is having a baby. The son inquires about

reproduction. Film describes the reproductive organs, fertilization, growth of embryo, and delivery.

- Item RF4 222.8 Hygiene From Birth; "So Much For So Little" , undated
1 reel (ca. 15 min.) : sd., col. ; 16mm. positive. Animated. Summary: This public health film promotes good health from pre-birth through old age. A public health service can contribute to cleaning up of untreated sewage to various baby-care programs to community health.
- Item RF8 222.33-34 Journey in Health; The Continuous Health Supervision of Children
Presented by The Smart Family Foundation in cooperation with the American Medical Association and the American Academy of Pediatrics. Coronet, circa 1960. 1 reel (ca. 20 min.) : sd., b&w ; 16mm. positive. Copyright: MCMLV. On copy 2 can edge label: Coronet no. 2017. Summary: A doctor prepares a speech on the importance of continuous health supervision. Children from infancy through high school should visit their doctors regularly so that they can monitor emotional as well as physical development. The film shows several of a doctor's young patients and various problems, which he was able to treat because he diagnosed them early.
- Item RF12 222.16 The Life of Health
/ Presented by The Health Protection Committee of the Pittsburgh Bicentennial Committee on Health ; produced by Ray Stewart ; associate, Betty Willis. 1976 1 reel (ca. 30 min.) : sd., b&w ; 16mm. positive. Committee Members: William F. Brennan, M.D., Chairman; Edward J. Carroll, M.D.; J. Watson Harmeier, M.D.; Murray V. Johnson; Howard A. Mermellstein, M.D.; Robert E. Olsen, M.D.; Ann B. Wagner, M.D.; Virginia E. Washburn, M.D.; Samuel M. Wishik, M.D.; Merle Bundy, M.D.; Frederick C. Duffy, M.D.; J. Steele Gow, Ph.D.; Leo P. Sheedy, M.D. Summary: The film follows the health care of newborn babies through adolescence. Every stage of growth, both mental and physical, has its own important developments that should be carefully monitored by professionals. Life With Junior. See March of Time (series). Life With Junior
- Item RF8 222.29 March of Time (series). Life With Junior
Forum Edition. Forum Films, 1948. 1 reel (ca. 25 min.) : sd., b&w ; 16mm. positive. Copyright: Time, Inc., 1948. Credits: Hunter College ; Child Study Association of America ; Family Counseling of America of N.Y. Summary: Film depicts a day in a boy's life, a discussion of children who won't eat, and one family's problem when a new baby is brought into the home.
- Item RF4 222.21 Mrs. Trench X-Ray Survey, [ca. 1953?]
1 reel (ca. 10 min.) : sd., b&w; 16mm. positive. Summary: Pittsburgh (Allegheny County) is promoting free x-rays in the community to check for tuberculosis. A TV reporter interviews a patient in the Allegheny TB Hospital, whose case was discovered by a free X-ray. (ERH: An interesting note: the TV interviewer is smoking throughout the interview. He asks her if it bothers her. She replies they (patients) are allowed to smoke except 1/2 hour before meals so it doesn't affect their appetite.)
- Item RF20 222.3 The Road — Long version
Vision Associates ; Presented by Frontier Nursing Service, Inc. (F.N.S.) ; written and directed by Lee R. Bobker ; director of photography, Arthur Fillmore. [1937? —1943?]. 1 reel (ca. 40 min.) : sd., b&w ; 16mm. positive. "The events and

people portrayed in this film are real and unrehearsed." Credits: Assistant director, Ann Eisner ; photography assistant, Robert Baur ; edited, Pierre Vacho ; sound recording, Donald Matthews ; music arranged and performed by Edna Ritchie Baker and words spoken by Roscoe Lee Browne. "The Producer wishes to thank Miss Helen E. Browne, Director of the doctors, nurses, and staff of the F.N.S. and the people of Leslie County, Kentucky, for their assistance in the production of this film." "The F.N.S. of Wendover, Kentucky, is deeply grateful to the friend whose generous donation made this film possible." Summary: Two years before Mary Breckinridge's death, she spoke of the Frontier Nursing Service of Wendover, Kentucky. She began the service in 1925. It serves the needs of rural people isolated from large communities. The FNS comes to the home, to heal, to cure, and to love. And when necessary to encourage transport to the 27-bed hospital in Hyden, Kentucky.

Item RF8 222.17

Spot Prevention

U.S. Department of Health, Education, and Welfare ; produced for the Communicable Disease Center ; A Public Health Services Audiovisual Facility Production. 1966. 1 reel (ca. 6 min.) : sd., col. ; 16mm. positive. Copyright: MCMLXVI. Animated. Credits: Preston Charles, narrator. Summary: This is a cartoon with measles as the bad guy and Captain Immunity searching—finally successfully—to develop a vaccine to prevent the disease. All children over one year should be vaccinated.

Item RF8 222.3

Stop Rubella

/ A National Medical Audiovisual Center Production ; produced for the National Communicable Disease Center, U.S. Department of Health, Education, and Welfare. c1969. 1 reel (ca. 7 min.) : sd., col. ; 16mm. positive. Copyright: MCMLXIX. Credits: The Public Health Department gratefully acknowledges the cooperation of the producer and cast of "Julia." Cast: Diahann Carroll (Julia Baker) ; Lloyd Nolan (Dr. Chegley) ; Marc Copage (Corey Baker). Summary: Rubella is a mild febrile infection, commonly called German Measles. As a childhood disease it is not serious, but for a woman in the first trimester of pregnancy the results are disastrous. The film urges that all children between one year and puberty be vaccinated.

Item RF8 222.12

Survival Is Wot Enough

A March of Dimes Film in cooperation with the National Foundation for Infantile Paralysis ; [function undetermined], Jim Wooley. [195-?]. 1 reel (ca. 10 min.) : sd., b&w ; 16mm. positive. Summary: Stories of polio victims coping with the ravages of the disease. Describes rehabilitation places called "Discovery Centers" to teach skills. Mentions the new Salk vaccine.

Item RF4 222.14

Target T.B.

Produced by Willard Pictures, for General Electric X-ray Corporation in cooperation with the National TB Association and U.S. Public Health Service ; directed, William M. Nelson ; photographed, William Steiner. 1946. 1 reel (ca. 15 min.) : sd., b&w ; 16mm. positive. Credits: Christmas Seal Film Library, T.B. League of Pittsburgh. Summary: Shows TB as an enemy (animation). Discussion of Tubercul Bacillus, the microbe that causes the disease. The only way to detect the microbe in the early stages is to x-ray. Portable x-ray machines have helped to take this advanced equipment to the people. Shows a young woman persuading her friend to take a free x-ray.

Item RF4 222.29

This is T.B.

Emerson York Studios ; produced in cooperation with U.S. Public Health Service, Federal Security Agency ; cinematography, Edward Horton ; editor, F. Howard O'Neill. 1946? 1 reel (ca. 15 min.) : sd., b&w : 16mm. positive. Credits: Christmas Seal Film Library, T.B. League of Pittsburgh; The National T.B. Association ; narrator, Jackson Bech ; technical supervisor, Charles E. Lyght, M.D. ; original music, Solita Palmer. Summary: General message of film is: "T.B. could happen to you." But with early diagnosis and care you can survive it. Discussions of the causes of tuberculosis, contagiousness, diagnosis of disease, and treatment. Shows sanitorium.

Item RF8 222.38

[X-Ray] , undated

3 rolls (132, 58, 137 ft.) : si. and sd., b&w ; 16mm positive. Contents: Miscellaneous footage relating to chest x-rays. May be outtakes. Rolls A and B are silent and particularly difficult to identify. Roll C (labelled "x-ray s.track only") is mainly sound track but also includes a sequence of picture-with-sound, in which a man refers to a mass x-ray project in Pittsburgh. For additional details, see viewing notes.

Return to Table of Contents

Series 4: Pharmaceutical Films

- Item RF16 222.1 Design for Selling
Henry Strauss and Co., Inc., ; presented by Johnson and Johnson. circa 1953. 1 reel (ca. 30 min.) : sd., b&w ; 16mm. positive. Copyright: MCMLIII Credits: Store settings by Shenkin Store Equipment Company. Summary: The film starts with 3 monkeys ("stop, look, listen"). Change is today's challenge. In America our freedom of enterprise is balanced by the customer's freedom of choice. Produced in the interest of helping the druggist design a plan for selling. With the help of Johnson and Johnson, a druggist remodels his store to be more appealing.
- Item RF8 222.4 Wow It's One—A Rationale of the One-Disc Concept
Live action by Palamar Productions, Inc. ; Graphics by Sunflower Films, Inc. ; Written by L. Elaine Busz, B.S. and Mitchell Kory, Ph.D. Eli Lilly Co., [197-?]. 1 reel (ca. 13 min.) : sd., col. ; 16mm positive. Credits: Consultants, L.D. Bechtol, Ph.D., M.D.; J.D. German,,M.D.; David A. Preston, Waren Wick. Summary: The film presents the rationale of the one-disc method for susceptibility testing of related antibiotics. In this case the four Cephalosporin's (Cephalothin, cephaloridine, cephalixin, and cephaloglycin). There is a brief description of susceptibility testing methods. The basis for correlation of zone size with minimum inhibitory concentration (MIC), the significance of regression lines, the interpretation of zone sizes, and data on the clinical feasibility of the one-disc method are discussed and shown in live-action photography and animation. Clinical judgment of the physician is key to the recovery of the patient. This system provides rapid and accurate data to the physician to prescribe the appropriate therapy.
- Item RF4 222.9 TResuci Kitl , undated
Cigna Health/plan of Texas (a Cigna Company). 1 reel (ca. 5 min.) : si., col. ; 16mm. positive. Credits: Medical director, Kit G. Johnson, M.D. Summary: Shows how incubator babies are resuscitated by administration of oxygen—from 60 beats/minute to 140 beats/minute with the use of the "Resusci-Kit." Repeats the procedure several times.
- Item RF8 222.16 The Role of Manufacturing in Product Quality
Produced by Eli Lilly and Company. [197-?]. 1 reel (ca. 20 min.) : sd., col. ; 16mm. positive. Credits: Technical Advising Panel: Robert T. Koda, PhD., University of Southern California; James L. Olsen, PhD., University of North Carolina; Garnet E. Peck, PhD., Purdue University; Gerald E. Schumacher, PhD., Northeastern University; Ralph F. Shangraw, PhD, University of Maryland. Summary: In this lecture to pharmacy students, the film discusses quality controls in pharmaceutical factories. Testing is done on the absorption rate, potency, purity, uniformity, and stability of the drugs. Variables which affect the manufacture of drugs are mixing granulations, drying and sizing of granules, blending, and compression. And, finally, samples are sent to quality control laboratories for thorough testing and numbered identification by lots.
- Item RF8 222.26 Success Story
Henry Strauss Productions ; [sponsor?], Johnson and Johnson. 1956.? 1 reel (ca. 22 min.) : sd., b&w ; 16mm. positive. Credits: [function undetermined], Michigan State. Summary: Johnson and Johnson presents this film, a merchandizing story, to a pharmaceutical association meeting. It is divided into

three parts. The first, "Design for Selling," pushes the reorganization of a typical drug store to keep up with the times' changing buying and shopping habits. The second part, "Look to Your Store Front," suggests detailed plans for making the store front more light, open, attractive, and appealing to people. The third part is a summary of the effect these changes have made on the store owner.

Item RF12 222.13

Treatment of Acute Drug Overdose

Presented by Eli Lilly & Company ; producer-director, Dick Ham ; script by Gordon Waldear. [197-?] 1 reel (33 min.) : sd., col. ; 16mm. positive. Credits: Presented with cooperation of the staff of Haight-Ashbury Free Medical Clinic ; George R. "Skip" Gay, M.D., Director of Heroin Clinic, Haight-Ashbury Free Medical Clinic and Project Director, Drug Detox Program ; Irving Klompus, M.D., Chief of Medical Services, Heroin Section, Haight-Ashbury Free Medical Clinic. Accompanying material states: This film depicts the effects of acute drug overdosage of heroin, amphetamines, barbiturates, and hallucinogens and illustrates methods of maintaining airway, respiration, and cardiovascular support and use of certain pharmacologic agents. This film is intended for use with medical, paramedical, and law enforcement personnel, who have first contact with persons requiring emergency care for drug overdose. Summary: The film shows the effects of overdosing, how to give emergency care, awareness of combinations of drugs used, treatment in some cases to bring the patient down and in other situations (LSD, for example) just to let the cycle complete itself.

Item RF4 222.23

Triad of Infection , undated

Eli Lilly and Company, 1 reel (ca. 15 min.) : sd., col. ; 16mm. positive. Summary: The purpose is to explain roles of host, bacteria, and antibiotic and to emphasize their interrelationships during infection. There is a detailed description of the body's natural defenses against infection. When that fails, antibiotics may be needed. There are basically three ways in which antibiotics work. One interferes with the bacterial cell's wall. Another attacks the bacterial cell's membrane. And the third interferes with the bacterial cell's protein.

Return to Table of Contents

Series 5: Advertisements

- Item RF8 222.5 [McDonald's Television commercials] , 1974
1 reel (547 ft.) : sd., col. ; 16mm. positive. Contents: Fifteen commercials advertising McDonald's food products and special campaigns, plus one Burger King commercial. (Note taped to can lists 14 McDonald's titles and 1 Burger King title.) Several have notice: copyright McDonald's Corporation, 1974. See viewing notes for details.
- Item RF12 222.12 Needham, Harper & Steers Television Commercials] , circa 1971—1975
1 reel (1227 ft.) : sd., col? ; 16mm. positive.
- Contents: Forty commercials, running 30, 60, or 90 seconds each. Products and services include foods, refrigerators, automobiles, petroleum products, medicines, travel, insurance, telecopiers, pet food, computers, audio equipment, and voting (public service announcement). Summary and footage of each commercial:
1. 000-022. Parkay. Male opens margarine container; it says "butter." He laughs.
 2. 026-044. World Book Encyclopedia. Woman has encyclopedia that kids can use: "The Used Encyclopedia."
 3. 048-066. Morton Salt. Child sees rain, puts on slicker and hat, takes salt out in rain. "When It Rains It Pours." "It Works."
 4. 070-087. Mueller's Spaghetti. On Gulf Coast, spaghetti with shrimp. "Nothing Goes With Everything Like Muellers."
 5. 091-126. McDonald's. Singing "You Deserve a Break Today." (Not the tune or words familiar in 1990). Copyright McDonald's Corp., 1972.
 6. 129-164. McDonald's. Man loses wallet, but with \$1.00 in his pocket he can buy a Coke, 2 hamburgers, french fries, and receive change. Copyright McDonald's Corp., 1971
 7. 166-202. McDonald's. Cleaners at McDonald's mopping, etc. Song "You Deserve..." Copyright, 1971
 8. 204-239. McDonald's. Seeing father off at airport, kids bickering in car, mom stops at McDonald's. Copyright, MacDonal'd's Corp., 1973.
 9. 242-259. McDonald's. Waitress: "Good Morning, America. Come join us for hot cakes and sausage. We do it all for you." Copyright, 1975.
 10. 262-298. McDonald's. Kids playing "You're the One," featuring french fries. Copyright, 1975.
 11. 302-320. Frigidaire. Refrigerator now in new "poppy" color and frost proof. Home Environment Division of General Motors.
 12. 322-376. General Motors products. From the research and design center for General Motors, the first hydromatic transmission, Corvette, and Cadillac Eldorado; and now the "Frigidaire touch and cook range."

13. 381-398. Bisquick. Bisquick presents meatball pie, potato pancake, chicken and dumplings. "Bisquick—an idea whose time has come."
14. 402-420. Betty Crocker products. "Suddenly Salad" seasoning for cottage cheese. Five kinds from Betty Crocker.
15. 423-441. Betty Crocker products. "Snackin cake" in 6 flavors.
16. 444-479. ARCO. Atlantic Richfield presents the end of the dinosaur era and the beginning of another era. Animated.
17. 483-500. ARCO. In 1915 3000 windmills lit up Denmark. We could generate electricity the same charming way—until the wind dies down. Arco Petroleum Products of Atlantic Richfield Co.
18. 503-539. AECO. The year is 1991; I live in the underground City. But above ground cars are choking the streets and people. We had a chance to clean up the air in the 1970s. We could have had rapid transportation. We forced ourselves underground. "This is no way to live—underground." Arco Petroleum Products of Atlantic Richfield.
19. 543-560. Congesperin. Children's aspirin and nasal decongestant. Bristol Myers Co., 1973.
20. 563-580. Nasal spray. An interview with a nose. "Try four-way nasal spray." Animated.
21. 584-602. Trench Government Tourist Office. Brigitte Bardot promotes travel to France on Air France.
22. 606-642. State Farm Insurance is All You Need To Know About Insurance for Your Car, Home, and Life.
23. 644-680. State Farm Insurance. An agent is near, fast, and efficient. Over 9,00 agents throughout the country.
24. 682-718. State Farm Insurance. Song, "Like a Good Neighbor, State Farm Is There." In Hawaii.
25. 722-740. Hat Williams Fruit Pies. Song by Dry-Dels for apple pies by Borden Fruit Pies by Drakes.
26. 742-760. Yodels. With Alex Ramos. Yodels by Drake's Borden.
27. 762-779. Pringles. Pringles and Wise Potato Chips present the new-fangled potato chip. Borden.
28. 783-801. Honda. The 1975 Honda Civic—"what the world is coming to."
29. 802-858. Xerox. Telecopier sends all sorts of pictures, charts, etc., in 6 minutes anywhere in the country. "Neither snow, nor rain, etc."
30. 861-914. Xerox. Police taking pregnant woman to hospital—Xerox mobile printer at work with 280 words/minute.
31. 918-953. HFG. Magdalen Island, 140 miles off the coast of Quebec. HFC office there—a symbol of faith in people and the future.

32. 958-993. Campbell's. Homestyle pork and beans.
33. 996-1013. V-8. Vegetable juice cocktail "Sure doesn't taste like tomato juice."
34. 1016-1034. Recipe. Collie running through meadow. Recipe Hearty Meat Stew—balanced dinner for Lassie.
35. 1036-1054. Spaghetios. Children dressed up as grown-ups, play-act having the boss for dinner—serve Spaghetios, 3 kinds (meatballs, plain, and franks).
36. 1059-1094. ITT. ITT has developed a system to save lives with a mini computer. "The best ideas are the ideas that help people."
37. 1098-1133. ITT. Device to see in darkness for people with Retinitis Pigmatosis (night blindness). Working on pocket size model now.
38. 1136-1172. ITT has developed a computer-based control system for trains. The German Railroad is testing on the Hamburg-to-Bremen run.
39. 19ft. Craig stereo system. Mobile home belonging to country singer Leon Russell has one.
40. 36ft. League of Women Voters. On Nov. 7 go out and help someone so they may vote. League of Women Voters Education Fund. (Very funny).

Item RF8 222.31

[Needham, Harper & Steers Television Commercials. Borden Historical Reel] Farkas Films, Inc. ca. 1960? 1 reel (652 ft.) : sd., col. ; 16mm. positive. Contents: Thirty three commercials of varying lengths for snack foods manufactured by Borden's.

Summary and footage of each commercial:

1. 000-037. Dipsy Doodles. "Triple Rippled;" jingle, corn chip with snap. Old London Foods, Inc., 1960.
2. 039-075. Cheez Doodles. "Oodly, doodly." Old London. Animated.
3. 077-113. Corn Doodles. Jingle—won't spoil your appetite. Animated.
4. 116-151. Cheese Wafflies. New snack, bite size. Animated.
5. 154-189. Pretz-L.-Nuggets. Jingle—Golden Good Nuggets, bite size. Animated.
6. 192-228. Tortilla chips. Triangle, good with guacamole, chili, etc.,. Animated.
7. 230-266. Dipsy Doodles, Cocktail party.
8. 268-304. Tortilla chips. Same as No. 6.
9. 309-321. Tortilla chips. Same as No. 6, except cut some of man dressed as Mexican.
10. 324-336. Natty Doodles. With comedian.
11. 340-374. Old London products. Snacks more fun with Old London; mentions all products.

12. 379-413. Old London products. Same as No. 11.
13. 417-428. Old London products. Same as first third of No. 11.
14. 432-443. Old London products. Same as first third of No. 11.
15. 446-451. Old London products. Same as middle portion of No. 11.
16. 455-460. Old London products. Same as No. 15.
17. 464-499. Old London products. Same as No. 15.
18. 501-506. Cheez Doodles. Hard hat construction worker with Cheez Doodles and lunch.
19. 508-514. Cheez Doodles first to arrive at a party and first to leave, (note: color faded.)
20. 516-522. Cheez Doodles. David Doyle (Bosley in Charley's Angels') is beset by children in park trying to take his Cheez Doodles, (note: color faded.)
21. 523-529. Cheez Doodles. Child with Cheez Doodles.
22. 532-538. Onion rings and two men.
23. 539-545. Onion rings. Little boy dressed up as man with beard and moustache, with onion rings.
24. 546-551. Onion rings. Couple with onion rings.
25. 553-559. Onion rings. Man eating onion rings.
26. 560-566. Onion rings. Man and woman eating onion rings.
27. 568-586. Cheez Doodles. Wedding, "Cheez Doodles make everything alright."
28. 588-605. Cheez Doodles. Woman crying at movie. "Cheez doodles make everything alright."
29. 607-624. Cheez Doodles. Bill Ford takes son to Shay Stadium. Save Mets coupons on Cheez Doodles to get in Stadium free.
30. 625-631. Cheez Doodles. Two little girls share secrets and Cheez Doodles.
31. 633-639. Cheez Doodles. "Man who does not like children should not eat Cheez Doodles in public places."
32. 641-645. Cheez Doodles. Little boy dressed as cowboy eats Cheez Doodles.
33. 647-652. Cheez Doodles. Father and son fixing son's bike eat Cheez Doodles.

Item RF4 222.7

Sucrets Television Commercials!

1 reel (357 ft.) : sd., b&w. ; 16mm. positive. Contents: Nine television commercials advertising Sucrets sore throat lozenges. Producers used animation and negative exposure to illustrate fast relief from sore throat pain.

Item RF4 222.25

[Xerox Television Commercials]

1 reel (337 ft.) : sd., col. ; 16mm. positive. Contents: Seven commercials advertising photocopiers, computers, and telecopiers. (Note in can lists 6 titles.) See viewing notes for details.

Item RF12 222.20

The Construction of an Electron Microscope

Division of Electron Optics, Stanford University. 1 reel (599 ft.) : si., col. & b&w : 16mm. positive. Credits: Built by L. Morton, Stanford University; F. Bubb; J. Guebmrier; S. W. Grinnell; R. G. E. Hutter; A. Jansse; C. Marton; F. Molnar; F. Pool. Summary: 000-124 - b&w; factory, delicate machinery, fitting pieces together. 125-152 - col.; man soldering. 153-206 - b&w; men working with lathe, cleaning center of disc, attach cylinder.

207-351 - col.; men still attaching components, woman comes to see. 352-381 - b&w; two men wiring and soldering.

382-499 - col.; installing electric system; delicate work; cartoon of man looking through microscope at man sitting on sliver of moon in sky.

499-599 - col.; adjusting lens of microscope—suburban house and neighborhood (car ca. 1950s.) Reason for inclusion in Medical Sciences Collection or Advertising Series is unclear.

Item RF8 222.32

In Harmony With Nature

A Furman Films Production ; director, Will Furman ; executive producer, Richard L. Park ; producer, Norma J. Doane ; writer, John C. Harrison ; cinematographer, Will Furman ; editor, Michal Goldman. Shaklee Corporation., c1981. 1 reel (987 ft.) : sd., col. ; 16mm. positive. Copyright: MCMLXXXI. Credits: Associate Producer, L. Dean Jones, Jr. ; assistant cameraman, Michael Giovingo ; production assistant, Richard J. Fish ; script supervisor, Sara Merryman ; sound, Stephen Powell ; assistant editor, Victor Livingston. Our thanks to the Marin Ballet School. Summary: "We invite you to take a minute to really think about your health...Your nutritional needs...your diet...and the way you live." Young ballerinas get ready to perform "Riverside Dance Recital." They take positions and dance. The human body is amazing and needs proper nutrition. How do we get all the nutrition we need? Four basic food groups: 1) fruits and vegetables; 2) meat, fish, and poultry; 3) dairy products; 4) cereal and grains. Fifth food group is high in fats and low in nutrition—convenience foods. Eating habits have changed; junk food and more meals are eaten away from home. Shaklee science and technology center near San Francisco conducts research and tests on quality with nothing artificial. "Supplementation" is used to produce instant protein drink, multi-supplement vitamins and unconditional guarantee. Film returns briefly to the dancers.

Non-accession number: 1988.3057; Received September 17, 1982, gift of Shaklee Corp.

Item RF12 222.19

Lifeline for Tomorrow

Produced by Bonnie F. Wolfram, M.D., and Educational Media, Inc. ; presented by Baxter Labs. 1 reel (954 ft.) : sd., col. ; 16mm. positive. Credits: Vesalius

Model Photography at Cleveland Health Museum. Summary: The human body is beautiful, but it is exposed to sickness constantly. Vital organs can be destroyed by disease. "First line of defense is knowledge." The purpose of this film is to test your knowledge. Know your body and how disease works: 1. What organs are essential to life: brain, heart, lungs, liver, intestines, kidneys. 2. Major artificial organs now in use: heart, lung and kidney. Explains kidneys and urinary systems, diseases such as nephrosis and symptoms of diseases. Discusses transplants, dialysis, kidney stones and artificial kidneys. Also the financial problems involved. There is "Hope-filled progress, but more needs to be done. Guard your health and enjoy the beauty of life."

Item RF4 222.IS

Mark Twain at the Fair, 1893

Rainbow Film and Video Tape Productions, Inc., ; The Craft Museum, New York, [ca.1972?] 1 reel (9 min.) : sd., col. ; 16mm. positive. Credits: None on film. Rainbow...Productions appears on can label. Summary: An actor portraying Mark Twain praises 1893 as a good time to be alive—cites contemporary artists and writers. He conducts a tour of Columbian Exposition exhibits of moving pictures (Edison's Kinetoscope), Tiffany lamps, and other new inventions, focusing on industrial ceramics (including a bathtub) and carborundum. Reference to the Craft Museum comes from the Medical Sciences Division's inventory. Its connection to the film is undetermined. Reason for including film in Advertising Series is undetermined.

[Return to Table of Contents](#)