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ABSTRACT

Over 200 8mm films for the use of doctors, dentists, and others in related fields are listed. Dental films are categorized into the following topics: anatomy -- head and neck; complete dentures; diagnosis; endodontics; fixed partial dentures; occlusion; operative dentistry; oral hygiene; patient education; periodontics; radiology; removable partial dentures -- clasp type, and surgery. Medical films are listed under the following topics: anatomy; laboratory procedures; TB laboratory procedures; clinical techniques; hospital sanitation; public health; rehabilitation; rehabilitation -- Parkinson patient, and rehabilitation -- encephaloma. Each film is described in a paragraph. Running time and price of each are listed. Ordering information and an order blank are included. (JK)

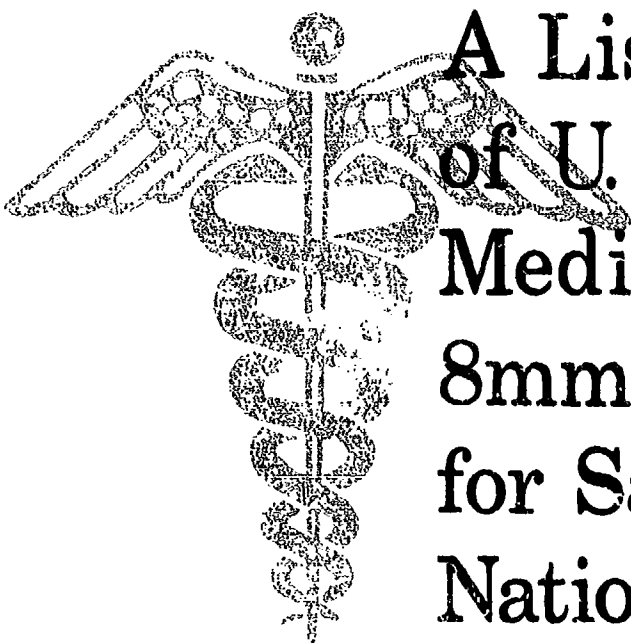
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National Audiovisual Center

Washington, D.C. 20409



A List
of U.S. Government
Medical and Dental
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National Audiovisual Center

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No. 71-7

The National Audiovisual Center has prepared this list of 8mm. films for use by doctors, dentists, hospital personnel, medical and dental schools, and those in related fields. No commercial use is authorized.

The films in the dental series were produced by the Veterans Administration Dental Training Center in cooperation with the American Dental Association, the United States Navy, and university dental schools.

The films are supplied to the Center in Fairchild Movie-Pak 10 and 20, regular and super, 8mm. cartridges. Prices listed are "R" for regular 8mm. and "S" for super 8mm. These cartridges can be used only in the Fairchild Mark IV and Mark IV-S projectors. Upon request we will quote prices for 8mm.-film cartridges available in Technicolor, Jayark, MPO, etc.

Some of the films are also available in 16mm. and they are indicated by asterisks following the film title. Prices for 16mm. films may be found in U.S. Government Films: A Catalog of Motion Pictures and Filmstrips for Sale by the National Audiovisual Center or obtained by writing to the Center.

The omission of prices and running times indicates that a film is still in production. The Center will supply information once it is available in response to an inquiry.

Films are available for preview only in the Fairchild cartridges and only when there is intent to purchase.

When ordering, please use film numbers, titles, and prices. Also indicate whether regular or super 8mm. cartridges are required and the specific kind of projector and model number in use. For convenience use the order forms furnished in the back of this list.

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ANATOMY--HEAD AND NECK

8D-47-A LATERAL NECK--SUPERFICIAL STRUCTURES* 8 1/2 min.
By Dr. Harry Sicher
Loyola University School of Dentistry

The vessels and nerves transversing the external cervical fascia are demonstrated in this dissection of superficial structures of the anterior and lateral neck. Diagrams are used for clarification.

R-\$34.00

S-\$36.00

8D-48-A BOUNDARIES OF THE CAROTID TRIANGLE* 12 min.

Previous dissection of superficial structures of the lateral neck exposed the external layer of deep cervical fascia and portions of associated nerves and vessels. The dissection is continued to demonstrate the boundaries of the carotid triangle.

R-\$41.75

S-\$44.25

8D-49-A THE CAROTID TRIANGLE* 11 1/2 min.

Previous dissection demonstrated the superficial structures of the anterolateral aspect of the neck and exposed the muscular boundaries of the carotid triangle. This film demonstrates the deep dissection of the carotid triangle and illustrates major structures with a series of drawings.

R-\$42.00

S-\$45.50

8D-50-A THE TRACHEAL TRIANGLE* 10 min.

The boundaries and major structures of the tracheal triangle, also known as the muscular or inferior carotid triangle, are demonstrated in this anterior neck dissection. Drawings are used for clarification.

R-\$38.75

S-\$41.00

8D-51-A THE SUBMENTAL TRIANGLE* 8 min.

The boundaries and relationship of the submental triangle are demonstrated in this dissection. Drawings are also used for clarification.

R-\$32.75

S-\$34.50

8D-62-A SUBMANDIBULAR TRIANGLE* 13 min.

This film demonstrates by dissection and illustrative drawings the boundaries and the structures of the submandibular triangle.

R-\$43.75

S-\$46.50

8D-71-A THE THYROID AREA* 6 min.

Previous dissection of the anterior neck demonstrated the infrahyoid musculature. This film demonstrates dissection of deeper structures of the thyroid area. Practical surgical applications are noted. The entire pretracheal area is reviewed diagrammatically.

R-\$29.50

S-\$30.75

8D-80-A THE PAROTID GLAND AND FACIAL NERVE* 14 1/2 min.

Previous dissection of the lateral neck exposed the inferior pole of the parotid gland. In this film the dissection of this area is completed, demonstrating the structures surrounding, contained in, and related to the gland itself.

R-\$47.50

S-\$50.75

8D-81-A THE PHARYNX--TOPOGRAPHICAL ANATOMY* 9 min.

The topography of the pharynx can be most advantageously viewed from the rear. In this film a window was created through the posterior neck of the cadaver for this purpose. The extent and volume that edema may assume in these areas is artificially produced by injecting water into the submucosa.

R-\$34.75

S-\$36.75

8D-82-A TEMPOROMANDIBULAR JOINT* 10 min.

The anatomy and function of the temporomandibular joint

are demonstrated by means of dissection and artist's illustrations.

R-\$35.25

S-\$37.25

8D-108-A MASSETER AND TEMPORAL MUSCLES 14 min.

Anatomy of the lateral aspect of the head is continued in this film, with deeper dissection to include the temporal and masseter areas illustrating muscles, tissue spaces, and associated nerves and vessels. Artist's drawings augment the filmed cadaver dissection.

8D-109-A PTERGYOID MUSCLES AND INFRAPTERGYOID STRUCTURES

Anatomy of the lateral aspect of the head is continued deep to the pterygoid muscles and illustrates nerves and vessels to the base of the skull. Artist's drawings augment cadaver dissection. In this film a review of the anatomy of the lateral aspect of the head terminates the series.

COMPLETE DENTURES

8D-19-CP PRELIMINARY IMPRESSIONS FOR COMPLETE DENTURES, ALGINATE METHOD* 12 min.

By Edmund A. Travaglini, D.D.S.
Veterans Administration Hospital
Washington, D.C.

Well-planned and executed preliminary impressions for complete dentures can make a significant contribution to successful denture service. This film demonstrates a simple and efficient method of using wax modifications in stock trays to obtain primary impressions with alginate.

R-\$42.25

S-\$45.00

8D-74-CP FINAL MAXILLARY IMPRESSIONS FOR COMPLETE DENTURES*
11 min.

The procedures used to finalize the maxillary impression include the use and rationale of border moulding, development of functional reliefs, and uniformity of contact over the bearing areas. The use of fluid wax to obtain a physiological postpalatal seal is also demonstrated.

R-\$40.50

S-\$42.75

8D-76-CP FINAL MANDIBULAR IMPRESSIONS FOR COMPLETE DENTURES*
11 min.

The mandibular impression procedure described in this film covers the maximum bearing area while developing buccal and lingual flanges that provide border sealing without restricting the physiological activity of the adjacent structures. The resultant base, constructed from impressions developed in this manner, will exhibit excellent retention from both vertical and horizontal displacing forces.

R-\$40.25

S-\$42.50

8D-65-CP A PREEXTRACTION RECORD OF VERTICAL DIMENSION
USING PLASTER BANDAGE* 8 1/2 min.

By Dental Service

Veterans Administration Hospital Center
Des Moines, Iowa

This film demonstrates a simple procedure using plaster bandage to obtain accurate, permanent, preextraction records of vertical dimension.

R-\$35.25

S-\$36.25

8D-110-CP USE OF PRESSURE-INDICATING PASTE DURING THE
DELIVERY OF DENTURES

By Dr. James E. House

Indiana University School of Dentistry

Pressure-indicating pastes are important tools for developing better fitting dentures. This film shows the use of these materials when delivering newly made dentures to the patient.

8D-111-CP FLUID RESIN

By Brien R. Lang, A.B., D.D.S., M.S.

Charles C. Kelsey, B.S., D.D.S., M.S.

University of Michigan School of Dentistry

The technique is shown for processing dentures using fluid resin in a hydrocolloid mould. The flasking procedure (which uses no gypsum products), spruing, pouring the resin, and recovery of the finished denture are demonstrated.

DIAGNOSIS

8D-102-D DENTAL OFFICE EMERGENCIES, PART I

8D-103-D DENTAL OFFICE EMERGENCIES, PART II

8D-104-D DENTAL OFFICE EMERGENCIES, PART III

8D-105-D DENTAL OFFICE EMERGENCIES, PART IV

By Dean W. Darby, D.D.S.
Public Health Service
San Francisco, Calif.

Anxiety and tension due to apprehension from the dental environment often precipitate emergencies in the dental office. The dentist may be required to render emergency treatment based upon the patient's signs and symptoms alone.

This four-part, programmed instructional course is designed to teach the emergency procedures to be followed when physical and emotional crises occur.

8D-11-D ORAL CANCER--EXTRAORAL EXAMINATION* 5 1/2 min.

By The American Cancer Society, the National Cancer Institute, Public Health Service, and the Department of Health, Education, and Welfare

The palpation of the lymphatics of the neck is an important part of every examination to detect oral cancer. This film describes the location of the lymph nodes and demonstrates a methodical procedure for palpating this area.

R-\$26.50

S-\$27.50

8D-12-D ORAL CANCER--INTRAORAL EXAMINATION* 5 1/2 min.

By Dental Training Center
Veterans Administration Hospital
Washington, D.C.

This film demonstrates a methodical procedure for examination of the intraoral soft tissues. It also presents six cases of early cancer in this area and discusses their clinical signs.

R-\$27.25

S-\$28.25

8D-113-D PHASE MICROSCOPY IN THE DIAGNOSIS OF THRUSH

By Dr. M. G. Wheatcroft
Dr. Sumter S. Arnim
University of Texas Dental Branch

This film shows the growth and development of candida albicans by phase microscopy. A specimen of this micotic in-

fection was obtained by scraping a "white patch" in the mouth. Diagnosis of primary monilliasis is made by identifying candida albicans in the culture, characteristic clinical manifestations, and response to treatment.

8D-123-D ORAL EXFOLIATIVE CYTOLOGY 17 min.
By Henry C. Sandler, D.D.S.
Veterans Administration Hospital
Brooklyn, N.Y.

Oral exfoliative cytology can disclose early and unsuspected cancer of the mouth. This film shows several clinical examples of unsuspected mouth cancers and the technique for obtaining a cytology specimen. Variation of microscopic appearance of normal cells and cancer cells is presented, and several actual cases are shown.

ENDODONTICS

8D-13-E SURGICAL ENDODONTICS* 14 1/2 min.
By Department of the Navy

The process of periapical inflammatory reaction is explained in this film. It also demonstrates two surgically corrective procedures, curettage and root resection.

R-\$47.00

S-\$50.25

8D-98-E BLEACHING THE ENDODONTICALLY TREATED DISCOLORED TOOTH* 12 min.
By Duane E. Compton, D.D.S., M.S.D.
Indiana University School of Dentistry

Bleaching the discolored anterior tooth should be regarded as an esthetic aid. This procedure, generally restricted to those nonvital teeth having an adequate root canal filling, is clearly demonstrated.

8D-112-E THE RETROGRADE AMALGAM IN ENDODONTICS
By James H. Simon, D.D.S.
Veterans Administration Hospital
Long Beach, Calif.

This film presents the indications for the retrograde root canal filling and demonstrates in detail the procedures involved.

8D-106-E ENDODONTIC THERAPY--ASYMPTOMATIC PERIAPICAL
PATHOSIS NONSURGICAL APPROACH* 15 1/2 min.
By Harry J. Healey
Indiana University School of Dentistry

This film demonstrates the step-by-step procedures for the preparation and filling of a root canal; illustrates sealer-
cement, enlarging, irrigation, chemical disinfection, and
filling of the canal; and describes aseptic precautions
and bacterial culture control.

R-\$49.00

S-\$52.50

FIXED PARTIAL DENTURES

8D-18-FP PINLAYS USING THE LOMA LINDA PARALLELOMETER
17 min.
By Loma Linda University School of Dentistry

Describes the techniques involved in the preparation, im-
pression, and fabrication of pinlays for anterior teeth.
Technical, clinical, and laboratory procedures are illus-
trated.

R-\$51.25

S-\$55.00

8D-20-FP EXTRAORAL PARALLEL PIN PROCEDURE* 11 min.
By Frank Nealon, D.D.S.
Veterans Administration Hospital
Cleveland, Ohio

Parallel pins are classified as intraoral and extraoral.
This film demonstrates the extraoral technique where paral-
leling and depth of pin penetration are determined on a
model with the use of a parallelometer. The resulting
index is transferable to the mouth for the drilling oper-
ation.

R-\$39.50

S-\$41.75

8D-23-FP HORIZONTAL PIN SPLINTING FOR ANTERIOR TEETH*
11 1/2 min.
By Joseph E. Ewing, D.D.S.
Veterans Administration Hospital
Indianapolis, Ind.

The horizontal pin splint is an effective method for sta-

blitzing loose anterior teeth. The film depicts the use of the paralleling device and the procedures involved in production of the splint.

R-\$39.50

S-\$42.00

8D-41-FP PONTIC PREPARATION, LABIAL CONTOUR GINGIVAL ADAPTATION* 11 min.

By Dr. Samuel Guyer

Washington University School of Dentistry

Definite steps are required for the proper esthetic and functional preparation of pontics for fixed partial dentures. The labial and gingival adaptation, essential for a harmonious relationship with the adjacent teeth and physiologic esthetic contact with ridge tissues, is shown.

R-\$40.50

S-\$42.75

8D-42-FP PREPARATION OF PONTICS FOR PIN RECEPTION AND LINGUAL CONTOUR* 10 1/2 min.

By Dr. Samuel Guyer

Washington University School of Dentistry

The procedures necessary to convert a denture tooth into a reverse pin pontic are shown and described. The lingual surface is prepared for a metal backing that will permit incisal translucency compatible with natural appearance. Staggered pin positions to serve as retentive elements are placed into the prepared surface.

R-\$38.75

S-\$41.00

8D-43-FP ASSEMBLY OF BRIDGE AND DELIVERY TO PATIENT* 13 min.

The proper relationship of the retainers and pontics to the investing tissues is a most important esthetic and physiological consideration in any fixed prosthesis. A direct-indirect assembly and finishing procedure to gain optimal appearance and function is demonstrated.

R-\$43.50

S-\$46.25

8D-58-FP PREPARATION OF THE DYE AND WAXING PROCEDURES* 14 min.

The film depicts the methodology of securing impressions for a fixed prosthesis using merceptan rubber following gingival retention, the procedures incident to producing accurate

stone dies, and development of the wax patterns for three-quarter type retainers.

R-\$45.75

S-\$48.75

8D-88-FP CONSTRUCTION OF FIVE-UNIT BRIDGE, PART I:
ABUTMENT PREPARATION* 17 1/2 min.

This first of a series of four films describing the construction of a five-unit bridge, demonstrates the preparation of three abutments for three-quarter crowns. The steps described in sequence are: occlusal reductions, axial reductions, and placement of axial grooves.

R-\$52.50

S-\$56.00

8D-90-FP CONSTRUCTION OF FIVE-UNIT BRIDGE, PART II:
TEMPORARY BRIDGE, IMPRESSIONS, AND CONSTRUCTION
OF MASTER CAST* 13 1/2 min.

This film demonstrates the procedures involved in making a temporary bridge that protects and stabilizes the abutment teeth, impression procedures with mercaptan rubber, the construction of the master cast with individual dies, and articulation of the casts.

R-\$45.00

S-\$48.00

8D-95-FP CONSTRUCTION OF A FIVE-UNIT BRIDGE, PART III:
WAX-UP OF BRIDGE USING A CONE TECHNIQUE TO
DEVELOP A HARMONIOUS OCCLUSAL PATTERN* 12 min.

This film illustrates the procedures for wax-up of crowns and developing and establishing the occlusion with cones of wax arranged to be compatible with eccentric movements of the jaw.

R-\$42.00

S-\$44.50

8D-96-FP CONSTRUCTION OF A FIVE-UNIT BRIDGE, PART IV:
PONTIC PREPARATION, BRIDGE ASSEMBLY, AND
CEMENTATION* 9 min.

This film demonstrates the finalization of the five-unit bridge and includes adaptation of the pontic facings, bridge assembly, occlusal adjustment, and cementation.

R-\$35.00

S-\$37.00

OCCLUSION

8D-91-OC DYNAMICS OF OCCLUSION--NOMENCLATURE* 16 min.

By Dr. Morton Amsterdam
Dr. Arnold S. Weisgold
University of Pennsylvania School of Dental
Medicine

Models are used to define the basic contact and functional areas of maxillary and mandibular teeth. Their application in centric and eccentric occlusion is exhibited.

R-\$50.00

S-\$53.25

8D-92-OC DYNAMICS OF OCCLUSION--MANDIBULAR TEETH* 16 min.

By Mr. Morris Feder
Dr. Arnold S. Weisgold
University of Pennsylvania School of Dental
Medicine

The occluding relationships of posterior mandibular teeth in centric and eccentric contacts are developed by reading imprints made in wax by the opposing teeth.

R-\$50.00

S-\$53.50

8D-93-OC DYNAMICS OF OCCLUSION--MAXILLARY TEETH* 11 min.

By Mr. Morris Feder
Dr. Arnold S. Weisgold
University of Pennsylvania School of Dental
Medicine

The occluding relationships of posterior maxillary teeth in centric and eccentric contacts are developed by reading imprints made in wax by the opposing teeth.

R-\$40.25

S-\$42.75

8D-94-OC DYNAMICS OF OCCLUSION--A LABORATORY EXERCISE DEMONSTRATING THE PRINCIPLES OF OCCLUSAL ADJUSTMENT* 15 min.

By Dr. Arnold S. Weisgold
Dr. Leonard Abrams
University of Pennsylvania School of Dental
Medicine

The principles and procedures used to correct occlusal disharmonies are demonstrated on articulator-mounted study casts.

R-\$48.50

S-\$52.00

8D-116-OC EXAMINATION OF OCCLUSION

By Sigurd P. Ramfjord, L.D.S., Ph.D.

Edward Green, D.D.S., M.S.

University of Michigan School of Dentistry

Clinical procedures for examination of the entire masticatory system are demonstrated. Emphasis is placed on determination of centric relation in a patient with bruxism and tense jaw muscles. Roentgenographic examination related to occlusion is included.

8D-117-OC MOUNTING OF CASTS IN A SEMIADJUSTABLE ARTICULATOR AND USE OF BITE PLANES

This film shows a step-by-step procedure for mounting of casts in a Haneu semiadjustable articulator using a conventional face bow and check bites. Adjustment and function of a maxillary bite plane are also demonstrated since the use of such appliances often is indicated before determination of optimal jaw relations.

8D-118-OC OCCLUSAL ADJUSTMENT, PART I: CENTRIC

This film entails indications, principles, and methods for adjustment of occlusion to optimal freedom and stability, both in centric relation and centric occlusion. The step-by-step procedure includes both articulation and intraoral demonstration.

8D-119-OC OCCLUSAL ADJUSTMENT, PART II: LATERAL AND PROTRUSIVE EXCURSIONS

Adjustment of occlusal interferences in various eccentric contact relations is illustrated on mounted casts and by intraoral recording. The movie explains to what extent eccentric movement patterns should be adjusted. Proper finish and testing of the results of the adjustment are included.

8D-120-OC PERIODONTAL EXAMINATION, PART I: EXAMINATION PROCEDURES

Procedures for clinical examination of the periodontium are illustrated with main emphasis on gingival color, density, relation of the gingival margin to the cemento-enamel junction, pocket depth, and bleeding tendency. Roentgenological examination is also included.

8D-121-OC PERIODONTAL EXAMINATION, PART II: CHARTING

This film illustrates detailed periodontal examination of single

teeth and recording of the findings on a chart. The finished chart should provide all information regarding periodontal morphology pertinent to future diagnosis and treatment planning.

OPERATIVE DENTISTRY

8D-2-0 CUSP GOLD INLAY 3 1/3 min.

In badly broken-down teeth, less cusp reduction is required for gold inlay restorations than for amalgam restorations. The inlay involves less of the gingival crevice than the full crown does. The use of mat gold in Class V restorations is also shown.

R-\$23.00

S-\$23.75

8D-3-0 GINGIVAL RETRACTION CLASS V 5 min.

Many Class V or gingival cavities are difficult to prepare because the gingival tissue prevents adequate visibility and accessibility. Current concepts in the use of appropriate clamps, surgical reflection, and tissue excision for these restorations are shown.

R-\$25.75

S-\$27.00

8D-4-0 CLASS III RESTORATIONS 5 1/3 min.

This film demonstrates a simplified technique for the use of powdered gold wrapped in cohesive foil to inconspicuously and esthetically restore early proximal caries in anterior teeth.

R-\$27.00

S-\$28.25

INSTRUMENT EXCHANGE IN FOUR-HANDED DENTISTRY*
7 min.

Demonstrates the technique of dental instrument exchange between the dentist and the dental chairside assistant.

R-\$28.00

S-\$29.50

8D-6-0 PIN LEDGE CASTINGS 3 1/2 min.

This film shows construction of a Class IV restoration combining metal and porcelain to produce a highly acceptable restoration with adequate edge strength, marginal seal, and esthetic properties.

R-\$23.25

S-\$24.00

8D-7-0 PORCELAIN INLAY TECHNIQUE 3 min.

Where carlostasis, esthetics, and compatibility are of importance, the porcelain inlay is indicated. Cavity preparation and construction of a Class V inlay are demonstrated.

R-\$22.00

S-\$22.50

8D-114-0 BIOLOGIC ASPECTS OF OPERATIVE DENTISTRY

By Kaare Langeland, D.D.S., Ph.D.

University of Connecticut School of Dental
Medicine

The histologic response of the pulp to mechanical, chemical, and thermal stimuli is an important consideration in operative dentistry. Inadequate or improper use of coolants in high-speed cavity preparation may result in moderate to irreversible pulpal damage. Pulpal response to cavity preparation and cavity liners is demonstrated in this film.

8D-124-0 SIT DOWN, DOCTOR, AND LIVE!

By Veterans Administration

Dental Training Center
Washington, D.C.

Dentists have been punishing their legs and backs needlessly for several generations by working all day in a standing position and without adequate assistance. According to statistics, "sit-down" dentistry can prolong a dentist's useful operating life about 10 years. This film emphasizes the value of "sit-down dentistry" and shows the direct approach to the four oral quadrants.

8D-63-0 SILICATE CEMENT 18 min.

By National Bureau of Standards and American Dental
Association

This film demonstrates the importance of incorporating, rapidly, as much powder as possible in a given quantity

of liquid, and of protecting the cement from loss or gain of water throughout the hardening period. It shows the effect of technique on such cement properties as setting time, strength, shrinkage, solubility, and staining.

R-\$53.75

S-\$57.75

ORAL HYGIENE

8D-115-OH ORAL HYGIENE FOR THE TOTAL-CARE PATIENT
By Harold H. Niebel, D.D.S.
Veterans Administration
Washington, D.C.

For the hospitalized patient who is physically or mentally unable to care for himself, oral hygiene always presents a problem. The availability of an ingestible toothpaste, completely stable stannous fluoride gel, and electric tooth brush greatly facilitate the oral hygiene care of these patients. Procedures for using these products to maintain oral hygiene for the "total-care" patient are demonstrated.

PATIENT EDUCATION

8D-31-ED "WHY AM I HERE?"* 9 min.
By Dental Training Center
Veterans Administration Hospital
Washington, D.C.

Mr. Roberts, who has been hospitalized for a stomach problem, cannot understand why he has been referred to the Dental Service for oral examination. He soon learns the importance of early detection of cancer in this area. He is also shown the value of x-rays, the danger of oral sepsis, the desirability of replacing missing teeth, and the correct method of tooth brushing.

R-\$34.00

S-\$37.50

8D-73-ED THANKS FOR THE DINNER* 10 min.

Because of continued neglect, Frank must have all his teeth extracted. His friend and former classmate, Dr. Renolds, convinces Frank that modern facilities and techniques have eliminated any cause for concern. After Frank receives his dentures, Dr. Renolds takes him to dinner, helps him

overcome his initial anxieties, and instructs Frank in the care and use of his prostheses.

R-\$38.75

S-\$44.25

8D-79-ED GAIL'S AWAKENING* 12 min.

The importance of maintaining oral hygiene is described in this film fantasy. Time-lapse photography is used to show the activity of oral bacteria and their relationship to the development of caries.

R-\$41.75

S-\$44.50

PERIODONTICS

8D-21-PE THE GINGIVECTOMY PROCEDURE TO ELIMINATE SUPRABONY POCKETS* 14 1/2 min.

By D. Walter Cohen, D.D.S.

Stanley E. Ross, D.D.S.

University of Pennsylvania School of Dental
Medicine

A gingivectomy is performed for the elimination of supra-bony pockets. These are the periodontal type and involve the maxillary teeth. The rationale of this treatment is examined. Technical procedures are clearly presented, and the use of selected instruments is shown. Postoperative results are also discussed.

R-\$46.00

S-\$49.00

8D-22-PE DOUBLE PAPILLAE REPOSITIONED FLAP IN PERIODONTAL THERAPY 16 min.

This film demonstrates a double papillae repositioned flap procedure performed on a maxillary canine tooth to correct the soft tissue defect. Two interdental papillae on either side of the cleft serve as donor tissue to cover the denuded root surface. The surgical techniques and postoperative results of this current periodontal concept are comprehensively presented.

R-\$50.75

S-\$54.50

8D-29-PE OSSEOUS SURGERY IN THE MAXILLA, PART I* 17 1/2 min.

This film demonstrates the surgical elimination of supra-

bony and infrabony periodontal defects in the maxilla. The osseous contouring to establish physiologic architecture of the soft tissues is shown in detail.

R-\$54.25

S-\$58.25

8D-24-PE OSSEOUS SURGERY IN THE MAXILLA, PART II: SUTURING TECHNIQUE* 10 1/2 min.

The suturing technique in this film was selected after the periodontal osseous surgery had been completed. It is one that permits suturing of the buccal flap, independently of the lingual or palatal flap. It is performed with a continuous suture and assures close adaptation of the tissue to the teeth and bone.

R-\$39.75

S-\$42.25

8D-25-PE APICALLY REPOSITIONED PARTIAL THICKNESS FLAP TO ELIMINATE PERIODONTAL POCKETS* 14 1/2 min.

The apically positioned partial thickness flap, demonstrated in this film, is used to eliminate periodontal pockets that extend apically to the mucogingival junction. This procedure preserves and results in less root exposure postoperatively.

R-\$48.00

S-\$51.25

8D-26-PE FREE OSSEOUS TISSUE AUTOGRAFT TO ELIMINATE AN INFRABONY POCKET* 16 min.

The use of autogenous bone chips to fill an infrabony periodontal defect is demonstrated. This surgical procedure is performed after tooth movement had been accomplished and the teeth had been stabilized with a wire ligature splint.

R-\$51.00

S-\$54.50

8D-27-PE THE GINGIVAL AUTOGRAFT IN PERIODONTICS* 14 min.

A gingival autograft is used to correct a periodontal pocket that extends to the mucogingival junction. Insufficient attached gingiva is present. A pedicle flap cannot be used because of insufficient gingiva adjacent to the involved teeth.

R-\$46.25

S-\$49.25

8D-28-PE CIRCUMFERENTIAL INTRACORONAL TEMPORARY
IMMOBILIZATION TECHNIQUE* 12 1/2 min.

An effective method of stabilizing loose teeth is demonstrated. Circumferential wiring immobilizes the entire segment of teeth and is not esthetically undesirable because the wire is ultimately covered with resin.

R-\$44.00

S-\$46.50

8D-30-PE PEDICLE FLAP FROM EDENTULOUS AREA* 13 min.

The use of a pedicle flap to correct a periodontal lesion is demonstrated in this film. Since there was insufficient gingiva present at the site of the lesion, neither the gingivectomy nor apically repositioned flap procedures were indicated. The relocated pedical flap reestablished a sufficient width of gingiva. Two cases are demonstrated.

R-\$43.75

S-\$47.25

8D-44-PE THE PALATAL FLAP IN PERIODONTICS* 13 min.

The surgical management of osseous deformities involving the palatal and proximal periodontal areas is demonstrated in this film. A palatal flap is created using an internal beveled incision. This preserves the remaining attached gingiva and still permits access to the underlying alveolar process.

R-\$49.75

S-\$53.25

8D-45-PE TREATMENT OF INFRABONY POCKET WITH THREE OSSEOUS
WALLS* 13 1/2 min.

This film demonstrates the surgical management of an infra-bony pocket involving the maxillary premolar. The periodontal ligament and bone marrow are used to provide two sources of repair tissue. The teeth are then immobilized with an aid splint that is made of twisted wire imbedded with plastic in a prepared groove.

R-\$46.00

S-\$49.00

8D-46-PE LATERALLY POSITIONED FLAP IN PERIODONTICS*
14 1/2 min.

In this film, laterally positioned flaps are used to cover

the denuded roots of a mandibular central incisor and maxillary molar. A partial or split thickness dissection is performed in order to leave periosteum at the donor sites.

R-\$46.50

S-\$49.50

8D-64-PE MANAGEMENT OF THE TUBEROSITY AREA IN PERIODONTICS*
9 1/2 min.

This film demonstrates the use of an internal beveled flap procedure in the treatment of an infrabony pocket involving a maxillary molar. Bony contouring creates physiologic architecture. The rationale of this procedure is explained and postoperative results are shown.

R-\$37.50

S-\$39.50

8D-78-PE CONTIGUOUS OSSEOUS TISSUE AUTOGRAFT IN PERIODONTICS* 9 min.

A deep periodontal defect on the distal surface of a premolar is treated by a contiguous osseous tissue autograft. Bone removed from an edentulous ridge is used to fill this infrabony pocket. The rationale of this procedure is explained and postoperative results are discussed.

R-\$34.75

S-\$36.75

8D-84-PE ELIMINATION OF A SHALLOW INFRABONY POCKET IN RETROMOLAR AREA BY OSTECTOMY* 9 1/2 min.

This film demonstrates the surgical elimination of a broad-based infrabony periodontal pocket. An internal beveled incision is used in creating a flap. Contouring of the alveolar process assures the establishment of physiologic osseous architecture. The rationale of this treatment is discussed and postoperative results presented.

R-\$32.50

S-\$34.00

RADIOLOGY

8D-8-R PRINCIPLES OF X-RADIATION* 16 min.
By Department of the Navy

This film explains the principles of roentgen-ray generation and characteristics of the ray. It emphasizes control of

radiation exposure by means of filtering, use of fast film, and increase in distance. It also explains the use of increased kilovoltage for optimum penetration, control of radiation exposure, and improvement of image quality.

R-\$48.25

S-\$51.50

8D-9-R LONG CONE TECHNIQUE* 11 min.
By Department of the Navy

This film demonstrates advantages of variable KV roentgenographic equipment and the superiority of films produced by the "long-cone" technique. It illustrates in detail the placement of film to produce images with the best anatomical accuracy, using the right-angle technique with the extended tube or "long-cone."

R-\$38.75

S-\$40.75

8D-10-R PANORAMIC RADIOGRAPHY--OPERATING PROCEDURE FOR PANOREX 13 1/2 min.
By Dental Training Center
Veterans Administration Hospital
Washington, D.C.

The function of each component part of the Panorex machine is explained in this film. Its complete cycle of operation is demonstrated, including the method of skull measurement for obtaining optimum exposure factors. Films illustrate the results of incorrect technique. The most common technical errors and their correction are demonstrated with a patient in the chair.

R-\$44.75

S-\$47.75

8D-17-R ANATOMIC LANDMARKS IN PANOREX RADIOGRAPHY* 12 min.

Because of the apparent complexity in the appearance of the panoramic radiograph, a knowledge of the normal anatomy is essential for its interpretation. This film relates the anatomical structures of the maxilla and mandible to the radiolucencies and radiopacities seen in the Panorex radiograph.

R-\$39.25

S-\$42.50

8D-38-R PANORAMIC DIAGNOSTIC PATHOLOGY RADIOLOGUCENCIES,

PART I* 10 1/2 min.

This film illustrates the radiographic findings in a number of well-documented cases. Few are radiographically diagnostic. The majority present features that are exhibited by a number of pathologic entities. It is essential, therefore, to recognize the abnormal, provide differential diagnosis, and establish a definitive diagnosis with every means available. Etiology and treatment are discussed.

R-\$40.00

S-\$42.25

8D-39-R PANOGRAPHIC DIAGNOSTIC PATHOLOGY RADIOLUCENCIES,
PART II* 8 1/2 min.

Abnormal radiolucencies appearing in a series of panoramic radiographs are presented. Etiology and treatment are discussed.

R-\$32.75

S-\$34.50

8D-40-R PANOGRAPHIC DIAGNOSTIC PATHOLOGY RADIOPACITIES*
8 1/2 min.

This film illustrates the radiographic findings in a number of well-documented cases. Few are radiographically diagnostic. The majority present features that are exhibited by a number of pathologic entities. It is essential, therefore, to recognize the abnormal, provide differential diagnosis, and establish a definite diagnosis with every means available.

R-\$33.50

S-\$35.25

REMOVABLE PARTIAL DENTURES--CLASP TYPE

8D-52-RP RECORDING EDENTULOUS RIDGE CONTOUR CORRECTABLE
WAX IMPRESSIONS* 16 min.

By Franklin W. Smith, D.D.S.

University of Michigan School of Dentistry

The methodology for fluid wax impressions on edentulous ridges in distal extension of removable partial dentures is demonstrated. This procedure is intended to enhance the stability and retention of the prosthesis and reduce stress

on the remaining teeth.

R-\$52.00

S-\$53.50

8D-53-RP CLINICAL AND LABORATORY PROCEDURES--THE OCCLUSAL PATH RECORD* 15 min.
By Franklin W. Smith, D.D.S.
University of Michigan School of Dentistry

The generated path or occlusal path record is a relatively simple method of developing a harmonious occlusion, particularly when artificial teeth must oppose natural dentition. This method makes it possible to record jaw relations under actual mastication conditions. The technical procedures incident to registering the occlusal path are demonstrated.

R-\$48.50

S-\$51.75

8D-59-RP PRELIMINARY EXAMINATION AND PROCEDURES FOR DIAGNOSIS* 1 1/2 min.

The examination is the basis for diagnosis. Extraoral inspection, as well as careful examination of the soft and hard intraoral tissues, the preliminary impressions, and the interocclusal record to mount the study casts, are presented in orderly sequence.

R-\$41.50

S-\$44.25

8D-60-RP PRELIMINARY SURVEY OF STUDY CAST TENTATIVE DESIGN AND DETAILED TREATMENT PLANNING* 11 min.

The planning for treatment is based on the information achieved from mounted study casts, the oral examination, radiographs, general patient information, and an accurate survey of the casts. These procedures are explained in detail. The tentative design of the appliance, which must be compatible with the oral conditions and biological requirements, is developed.

R-\$40.25

S-\$42.50

8D-61-RP MOUTH PREPARATION PROCEDURES* 12 1/2 min.

Following the development of a detailed treatment plan, mouth preparation procedures are initiated as outlined. The film demonstrates the preparation of abutment teeth for three-quarter crowns and splinting, impression pro-

cedures, and surveying the patterns incident to developing guide planes and positive retentive areas.

R-\$42.00

S-\$44.50

8D-66-RP IMPRESSION AND PREPARATION OF THE MASTER CAST FOR THE LABORATORY* 12 1/2 min.

The impression procedures, using alginate to produce accurate casts, are shown. The surveyor is used on the resultant cast to determine the accuracy of the planned mouth preparations. Relief wax is added to areas of the master cast necessary to create proper relief for freedom and function. The content of an adequate work authorization for the laboratory is given.

R-\$42.00

S-\$44.50

8D-69-RP PREDELIVERY, CASTING ADJUSTMENT--LABORATORY PROCEDURE* 9 1/2 min.

Certain arbitrary relief procedures should be accomplished on the removable partial denture casting to remove any potential interferences that may resist complete seating of the appliance. The areas that require adjustment and the methods to obtain the necessary alterations are graphically described.

R-\$35.75

S-\$38.00

8D-67-RP CONSTRUCTING THE OCCLUSAL TEMPLATE, ARRANGEMENT OF TEETH--LABORATORY PROCEDURE* 12 min.

When the occlusal path record has been successfully completed, an occluding template that incorporates all the excessive movements and static positions is constructed for a simple articulator. The replacement teeth are adjusted and properly fitted to the opposing occlusion in harmony with existing dentition and the components of occlusion.

R-\$40.25

S-\$43.00

8D-68-RP FINISHING, OCCLUSAL CORRECTION, INSERTION, AND ADJUSTMENT* 12 1/2 min.

Relief and adjustment of critical areas of the framework and saddles of the removable partial denture will contrib-

ute to continued health of the oral tissues. The areas requiring modification and occlusal adjustments, by both laboratory remounting and direct check bites, are systematically presented.

R-\$43.00

S-\$45.75

8D-125-RP ORDERLY DEVELOPMENT OF REMOVABLE PARTIAL DENTURE DESIGN, PART I

8D-126-RP ORDERLY DEVELOPMENT OF REMOVABLE PARTIAL DENTURE DESIGN, PART II

By Walter J. Demer, D.D.S.

Georgetown University School of Dentistry

Logical step-by-step procedure helps to simplify the development of removable partial-denture design. This film illustrates these sequences on maxillary and mandibular casts.

8D-127-RP SECONDARY IMPRESSIONS FOR THE DISTAL EXTENSION BASE REMOVABLE PARTIAL DENTURE

By Edmund A. Travaglini, D.D.S.

Georgetown University School of Dentistry

This film demonstrates the procedures incident to obtaining impressions of edentulous areas made on bases attached to the removable partial-denture framework. These secondary impressions cover all available bearing areas; record the peripheral length, direction, and contours accurately; and assure an intimate contact between the base and residual ridge.

SURGERY

8D-55-S SURGICAL REDUCTION OF THE MAXILLARY TUBEROSITY*

12 1/2 min.

By Louis Loscalzo, D.D.S.

Veterans Administration Hospital

Bronx, N.Y.

Reduction of the maxillary tuberosity is considered by some prosthodontists to be a neglected factor in the construction of dentures. Adequate space to accommodate dentures is not always present in the tuberosity area. Frequently only the occlusal aspect is reduced when correcting this problem, whereas the critical posteriolateral aspect is neglected. A recommended surgical procedure is demon-

strated in a number of cases.

R-\$42.75

S-\$45.50

8D-57-S EXTRACTION OF MANDIBULAR TEETH--SURGICAL PREPARATION* 11 min.

This film demonstrates accepted surgical procedures used in the removal of the mandibular teeth and preparation of the alveolar ridge. Emphasis is placed on maintenance of the denture-bearing bone.

R-\$40.25

S-\$42.75

8D-56-S EXTRACTION OF MAXILLARY TEETH--SURGICAL PREPARATION*

When attached gingiva has been reduced by periodontal disease, every effort should be made to preserve it during extraction of the teeth. This film demonstrates accepted procedures for the removal of maxillary teeth and shows the surgical preparation of the alveolar ridge.

R-\$45.50

S-\$48.50

8D-70-S SURGICAL REMOVAL OF IMPACTED MAXILLARY THIRD MOLAR* 5 min.

Clinical demonstration of the surgical removal of a dis-
toangular maxillary third molar impaction is presented.

R-\$27.00

S-\$28.25

8D-72-S SURGICAL REMOVAL OF IMPACTED MANDIBULAR THIRD MOLAR* 6 1/2 min.

An accepted technique for the surgical removal of a mesio-
angular impacted mandibular third molar is demonstrated. Controlled sectioning of the tooth utilizing a bur and elevator is shown.

R-\$30.25

S-\$31.75

8D-75-S ENUCLEATION OF A MANDIBULAR RADICULAR CYST*
7 min.

Complete enucleation is generally considered to be opera-
tive treatment for uncomplicated dental cysts. This film
demonstrates the procedures involved in the surgical removal

of a radicular cyst and primary closure of the wound.

R-\$31.00

S-\$32.50

8D-107-S SURGICAL TREATMENT FOR ANKYLOSIS OF THE
TEMPOROMANDIBULAR JOINT 10 min.

By Edwin Miller, D.D.S.

Veterans Administration Hospital
Houston, Tex.

Although arthroplasty usually involves removal of the displaced condyle, this film demonstrates a surgical corrective procedure using a tyconium prosthesis constructed to the measurements of the English penny.

8D-99-S INTRAORAL FIXATION OF JAW FRACTURES, PART I
13 1/2 min.

Methods of fixation most commonly used in the management of jaw fractures are demonstrated on a skull. Part I includes the use of ligature wires, eyelets, continuous loops, single loops, horizontal levers, and arch bars.

R-\$47.50

S-\$50.50

8D-100-S INTRAORAL FIXATION OF JAW FRACTURES, PART II
15 min.

By Veterans Administration Hospital
Long Beach, Calif.

Methods of fixation most commonly used in the management of jaw fractures are demonstrated on a skull. Part II includes the use of splints, circumferential wiring and direct wiring to zygomatic process, and nasal spine.

8D-97-S ENUCLEATION OF A DENTIGEROUS CYST OF THE MAXILLA
6 1/2 min.

By Noah R. Calhoun, D.D.S., M.S.D.

Veterans Administration Hospital
Washington, D.C.

The diagnostic and surgical procedures for the treatment of a dentigerous cyst are shown and the histopathological characteristics described.

R-\$29.50

S-\$32.50

8D-89-S OPEN REDUCTION AND FIXATION OF A FRACTURE OF MANDI-

BLE AT THE ANGLE--THE SUBMANDIBULAR APPROACH*

14 min.

By Noah R. Calhoun, D.D.S., M.S.D.
Veterans Administration Hospital
Washington, D.C.

Thomas J. Pinson, D.D.S., M.S.D.
Howard University College of Dentistry

This film shows the soft-tissue dissection required to expose the angle of the mandible. It demonstrates direct wiring procedures for an open reduction and immobilization of a fracture at this site.

R-\$46.50

S-\$49.50

8D-54-S CLOSURE OF ANTRAORAL FISTULA BY ROTATION OF PEDICLE PALATAL FLAP* 10 min.

By Noah R. Calhoun, D.D.S., M.S.D.
Veterans Administration Hospital
Washington, D.C.

Accidental openings in the floor of the antrum may occur during the extraction of teeth. This film demonstrates an accepted surgical method of closing, utilizing a palatal flap. The postoperative use of a stent is demonstrated, and the need to understand the postoperative course is stressed.

R-\$39.50

S-\$41.25

8D-86-S SURGICAL EXCISION OF ORAL LEUKOPLAKIA* 6 min.

Extensive areas of leukoplakia in the oral cavity frequently present problems in diagnosis and treatment. The surgical removal of one such area, utilizing a stripping technique, is demonstrated. Microscopic findings are presented in detail.

R-\$28.75

S-\$30.00

8D-101-S REDUCTION AND FIXATION OF MIDDLE THIRD FRACTURES OF THE FACE--LATERAL ORBITAL RIM APPROACH 15 min.

By Noah R. Calhoun, D.D.S., M.S.D.
Veterans Administration Hospital
Washington, D.C.

Thomas J. Pinson, D.D.S., M.S.D.
Howard University College of Dentistry

This film demonstrates the reduction of a fracture of the middle third of the face by the lateral orbital approach.

R-\$43.50

S-\$46.50

8D-87-S MARSUPIALIZATION OF AN ANTERIOR MAXILLARY CYST
7 min.

By W. Harry Archer, B.S., M.A., D.D.S.
University of Pittsburgh School of Dental
Medicine

This film illustrates a surgical technique for the marsupialization of a maxillary cyst. It explains the advantages and indications for this procedure. Drawings and radiographs are used for clarification.

R-\$30.50

S-\$32.00

8D-122-S SURGICAL IMPLANT REPLACEMENT OF THE LOST MANDIBULAR CONDYLE WITH A STAINLESS STEEL MESH--ACRYLIC PROSTHESIS 7 1/2 min.

By George W. Hahn, D.D.S.
Veterans Administration Hospital
Dallas, Tex.

Failure to reduce and immobilize the fractured mandibular condyle frequently results in poor articulation of the teeth, open bite, or inability to open the mouth. This film shows the use of a prosthetic implant for correction of these complications.

8D-77-S USE OF MALLEABLE MESH IN THE REDUCTION AND FIXATION OF JAW FRACTURES* 11 min.

In the reduction of jaw fractures, where an insufficient number of natural teeth are present to provide secondary support, a workable metal mesh can be used effectively. This current concept demonstrates the adaptation and fixation of the mesh on a mannikin and in the operating room.

R-\$40.75

S-\$43.25

8D-83-S IMMEDIATE CUSTOM IMPLANT OF THE MANDIBLE* 14 min.

By University of Michigan Medical School
University of Michigan Dental School
Veterans Administration Hospital
Ann Arbor, Mich.

Sections of the mandible, lost through injury or disease,

can be satisfactorily replaced with an immediate, custom-fitted implant of surgical vitalium. The abutments of the prosthesis are fabricated at time of surgery, using a rapid-gel casting procedure.

R-\$44.50

S-\$47.25

8D-85-S REDUCTION OF ZYGOMATIC-ARCH FRACTURE 6 1/2 min.

By Robert L. Moss, D.D.S., M.S.
Veterans Administration Hospital
Dayton, Ohio

This film demonstrates the reduction of a zygomatic-arch fracture. Access to the fracture is gained through an auriculotemporal incision. Reduction is achieved by blind manipulation and feel.

R-\$30.75

S-\$32.25

ANATOMY

8M-1719 THE EARS 18 min.

Examines the auricles, external auditory canals, and tympanic membranes.

LABORATORY TECHNIQUES

8M-760 FECAL SMEARS FOR PARASITOLOGICAL EXAMINATION
7 1/2 min.

This film demonstrates the trichrome preparation and staining technique for the detection of intestinal parasites.

R-\$28.75

S-\$30.75

8M-761 FORMALIN-ETHER SEDIMENTATION TECHNIQUE* 8 min.

The step-by-step procedure for performing the formalin-ether sedimentation technique on fecal specimens for diagnosis of intestinal parasites is shown. This film is designed for training of technical personnel.

R-\$29.75

S-\$32.00

8M-763 RABIES F-A STAINING* 8 min.

The technique of staining brain impressions with fluorescent antibody for the detection of negri bodies is demonstrated.

R-\$29.75

S-\$32.00

8M-767 MYCOLOGICAL SLIDE CULTURE TECHNIQUE 6 1/2 min.

This film demonstrates a method of growing fungi on microscope cover slips to preserve mycelia and spores intact.

R-\$26.75

S-\$28.75

8M-768 SERUM CHOLESTEROL DETERMINATION* 9 min.

The step-by-step procedure devised by Abell-Kendall for determining the cholesterol in serum is outlined.

R-\$31.75

S-\$34.25

8M-769 HEMOGLOBIN DETERMINATION 5 min.

This film demonstrates an accurate technique for hemoglobin determination by converting hemoglobin to cyanomethemoglobin and reading the optical density with spectrophotometer.

R-\$23.50

S-\$25.50

8M-770 OX CELL HEMOLYSIN TEST* 9 1/2 min.

This rapid and specific test is demonstrated. It is based on the presence of a hemolysin in the sera of infectious mononucleosis patients that will cause lysis of ox cells in the presence of complements.

R-\$33.25

S-\$35.75

8M-771 SPUTUM DIGESTION AND DECONTAMINATION WITH N-ACETYL-L-CYSTEINE NaOH* 5 1/2 min.

A method for the digestion and decontamination of sputum suspected of containing tubercle bacilli is demonstrated. The entire procedure is carried on under a safety hood, greatly reducing hazards to the technologist.

R-\$21.75

S-\$26.50

8M-772 NIACIN-NITRATE REDUCTION TEST* 5 1/2 min.

A rapid test for identifying m. tuberculosis is demonstrated. The procedure is based on the unique ability of m. tuberculosis both to produce niacin and to reduce nitrates to nitrites.

R-\$24.75

S-\$26.50

8M-776 IN VITRO PATHOGENICITY TEST FOR C. DIPHTHERIAE*
6 1/2 min.

Preparation of materials and interpretation of results of test to determine toxigenic strains of c. diphtheriae are

demonstrated.

R-\$26.75

S-\$28.75

8M-778 INFLUENZA VIRUS ISOLATION* 6 min.

The technique of virus isolation from clinical specimens by growing in embryonated eggs is outlined.

R-\$25.75

S-\$27.50

8M-846 DETECTION OF C. BOTULINUM IN FOOD, PART I* 11 min.

Food extract is prepared using gelatin diluent. Meat-dextrose-starch medium is inoculated with the extract. A heat-shock treatment is demonstrated which selects spores from vegetative cells.

R-\$35.75

S-\$38.50

8M-862 DETECTION OF C. BOTULINUM IN FOOD, PART II:
MOUSE TOXIN-NEUTRALIZATION TEST* 12 3/4 min.

Food extract containing c. botulinum is mixed with anti-toxins of known types. One tube is placed in boiling water. Two mice are inoculated with each mixture. Surviving mice indicate heat lability and which antitoxin neutralizes the toxin.

R-\$41.00

S-\$44.25

8M-915 DETECTION OF C. BOTULINUM IN FOOD, PART III:
ISOLATION FROM MIXED CULTURE* 7 min.

Food samples are incubated, anaerobically, on meat-dextrose-starch medium. After incubation, smears are streaked on blood agar and egg yoke agar plates. These are incubated anaerobically. Lipase-positive colonies from egg yoke plates and hemolytic colonies from blood agar are subcultured in a meat-dextrose medium.

R-\$27.75

S-\$29.75

8M-847 EMBRYONATED EGG TECHNIQUES, PART I* 5 1/2 min.

This film demonstrates techniques of inoculation from embryonated eggs for virus isolation.

R-\$24.75

S-\$26.50

8M-916 EMBRYONATED EGG TECHNIQUES, PART II* 7 min.

This film demonstrates techniques of harvesting fluids from embryonated eggs inoculated with viruses.

R-\$27.75

S-\$29.75

8M-848 PREPARATION OF PRIMARY MAMMALIAN KIDNEY CELL CULTURES* 13 min.

Demonstrates a commonly used procedure for preparing primary cell cultures from monkey kidney tissue. Shows preparation of the animal, surgical procedures used in removing the kidneys, technique of dissecting the tissue, and treatment with trypsin to obtain a cell suspension.

R-\$40.50

S-\$43.75

8M-850 METHODS FOR OBTAINING ANAEROBIASIS* 11 1/2 min.

This film demonstrates use of the anaerobe jar for culturing organisms that require an oxygen-free environment.

R-\$36.75

S-\$39.50

8M-857 FLOCCULATION TEST FOR PARASITIC DISEASE* 7 min.

A rapid technique for detecting certain parasitic diseases is outlined. The method employs flocculating bentonite particles.

R-\$27.75

S-\$29.75

8M-858 HEMAGGLUTINATION TEST FOR ECHINOCOCCOSIS* 6 min.

Demonstrates a modified tube hemagglutination test for diagnosis of echinococcosis.

R-\$25.50

S-\$27.25

8M-859 MICROTECHNIQUES IN SEROLOGY* 7 1/2 min.

Demonstrates the use of microequipment for performing serologic titration tests. The method is economical of both reagents and time, since it enables one technologist to test 144 sera against three antigens in an 8-hour day.

R-\$29.75

S-\$32.00

8M-972 IN VIVO TOXIGENICITY TEST FOR C. DIPHTHERIAE*
10 min.

Demonstrates techniques for administering the in vivo toxigenicity test for c. diphtheriae, either to confirm results of the in vitro test, or as a matter of preference.

R-\$34.25

S-\$36.75

8M-985 ISOLATION OF SALMONELLA AND SHIGELLA CULTURES*
9 min.

Demonstrates technique of growing enteric bacteria on selective media, identification of suspicious colonies and further screening by growing on triple-sugar-iron-agar.

R-\$33.25

S-\$35.75

8M-990 ISOLATION OF C. IMMITIS* 6 1/2 min.

Demonstrates method for isolating and identifying the pathogenic fungus, c. immitis, from clinical material.

R-\$27.50

S-\$29.75

8M-991 ISOLATION OF BLASTOMYCES DERMATITIDIS* 3 1/2 min.

Demonstration of the two morphological types typical of b. dermatitidis, when grown at room temperature and at body temperature (37° C.).

R-\$20.75

S-\$22.25

8M-992 ISOLATION AND IDENTIFICATION OF BETA-HEMOLYTIC STREPTOCOCCI* 15 min.

Laboratory procedures for culturing beta-hemolytic streptococci include the preparation of pour-streak plates and examination of surface and subsurface growth for beta-hemolytic streptococci. A series of photomicrographs of colonies are included which illustrate how various kinds of hemolysis can be differentiated.

R-\$46.00

S-\$49.50

8M-998 RAPID-FROZEN SECTION TECHNIQUE* 3 min.

Demonstrates how the specimen is identified, trimmed for sectioning, placed on the microtome, and frozen. Subse-

quent scenes show how the frozen specimen is cut into thin sections, stained, and finally prepared for examination by the pathologist.

R-\$20.25

S-\$21.75

8M-1015 METHOD FOR RAPID ELECTROPHORESIS* 11 min.

Shows the electrophoretic apparatus, explains the functions of its parts. A typical "run" is demonstrated, explaining the technique of applying serum samples to the membrane and the step-by-step procedure of clearing and staining the resulting image.

R-\$35.75

S-\$38.50

8M-1019 SPUTUM COLLECTION AND TRANSPORTATION* 6 1/4 min.

Treats subject of proper collection and handling of sputum. Collection methods include produced cough and gastric lavage. Handling methods introduce newly designed collection tube with built-in safety factor designed to prevent contamination of technical personnel.

R-\$27.75

S-\$30.00

8M-1150 MODIFICATION OF THE SCHOENHEIMER-SPERRY METHOD FOR FREE AND TOTAL CHOLESTEROL* 21 min.

Presents a reference procedure for the determination of serum-free and total cholesterol. The cholesterol digitonide is precipitated and the precipitate is washed and dissolved in special filter columns rather than in the usual manner in centrifuge tubes.

R-\$55.25

S-\$59.50

8M-1154 CHOLESTEROL-LECITHIN FLOCCULATION TEST FOR SCHISTOSOMIASIS* 8 1/4 min.

This film presents the techniques for preparing the cholesterol-lecithin cercarial antigen and performing the Anderson-Schistosoma slide flocculation test for the diagnosis of schistosomiasis. Necessary equipment and reagents are indicated.

R-\$30.00

S-\$32.25

8M-1160 SAFETY PIPETTING* 4 1/2 min.

This film presents three commonly used instruments that are employed in the laboratory for safety pipetting. The operation of these instruments is shown in detail.

R-\$23.25

S-\$25.00

8M-1231 GLUCOSE METHOD--NELSON SOMOGYI, PART I: PREPARATION OF PROTEIN-FREE FILTRATE* 14 1/2 min.

Present, the procedure for preparation of protein-free filtrate, utilizing manual pipettes or various combinations of a Selligson pipette and an automatic diluting machine, as a means of reducing variability in this step of the procedure.

R-\$44.25

S-\$47.75

8M-1232 GLUCOSE METHOD--NELSON SOMOGYI, PART II: COLOR REACTION* 8 1/2 min.

Presents the second part of the Nelson Somogyi method, which demonstrates the technique involved in subjecting a large number of samples to the color reaction with emphasis on the use of automatic measuring devices for greater reproducibility of the method.

R-\$31.00

S-\$33.50

8M-1233 GLUCOSE METHOD--NELSON SOMOGYI, PART III: PREPARATION OF REAGENTS AND PRIMARY STANDARDS* 12 1/2 min.

Demonstrates a technique which insures greater stability and a minimum of effort in the preparation of reagents.

R-\$39.00

S-\$42.00

8M-1235 GLUCOSE METHOD--GLUCOSE OXIDASE, PART I: PROCEDURES* 18 min.

This film shows the incorporation of semiautomated equipment for the preparation of the protein-free filtrate and the execution of the color reactions step. Several combinations of pieces of equipment applicable to the various steps in the procedure are suggested.

R-\$48.75

S-\$52.50

8M-1237 GLUCOSE METHOD--GLUCOSE OXIDASE, PART II;
PREPARATION OF REAGENTS AND PRIMARY STANDARDS*
17 1/4 min.

Presents a procedure for preparation of all reagents suggested to insure better quality control of the glucose oxidase method.

R-\$48.25 S-\$52.00

8M-1268 GLUCOSE METHOD, AUTO ANALYZER* 17 1/4 min.

Presents the ferricyanide-ferrocyanide determination for glucose as applied to the Auto-Analyzer system by Technicon, Inc., with a few additional suggestions for greater stability of performance with time.

R-\$49.75 S-\$53.25

8M-1269 GLUCOSE METHOD, ORTHO-TOLUIDINE* 14 1/2 min.

With the use of semiautomatic measuring devices, the technique for carrying out this relatively simple and rapid procedure is demonstrated. Large numbers of samples can be handled with ease.

R-\$43.25 S-\$46.75

8M-1297 INFECTIOUS HAZARDS IN THE LABORATORY--SAFE USE
OF THE SYRINGE* 6 min.

Demonstrates many of the hazards encountered in the use of the syringe for inoculation of animals with infectious material. Emphasis is given to the proper procedures to be followed in selecting and filling the syringe, inoculation techniques, and disposal of contaminated syringes.

R-\$25.75 S-\$27.50

8M-1342 SAMPLE MOUNTING TECHNIQUES--EVAPORATION* 7 min.

Shows three methods for mounting solid samples by evaporation: pouring a slurry, pipetting a slurry, and pouring a dissolved solution.

R-\$27.50 S-\$30.75

8M-1343 SAMPLE MOUNTING TECHNIQUES--FILTRATION* 6 1/2 min.

Shows in mounting solid samples that filtration is a common

technique used to mount precipitated samples by the use of a vacuum, suction flask, filter paper, and filter tower. The demonstration shows three types of filter towers.

R-\$26.75

S-\$28.75

8M-1344 GROSS RADIOACTIVITY ANALYSIS OF WATER* 5 1/2 min.

The film shows gross alpha and beta counting of water samples involved in the preparation of two samples, one for the suspended solids and the other for the dissolved solids. Suspended solids are removed with a membrane filter apparatus connected to a vacuum.

R-\$24.50

S-\$27.00

8M-1349 FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE, PART I* 13 min.

Demonstrates formulations and techniques of preparing the reagents used in the fluorometric determination of phenylalanine.

R-\$40.00

S-\$43.00

8M-1350 FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE, PART II* 17 3/4 min.

Demonstrates the treatment of serum samples, use of reagents, and water baths to produce maximum fluorescence intensity. Shows how to set up the fluorometer and how to adjust and read it.

R-\$50.00

S-\$53.75

8M-1400 FLUOROMETRIC DETERMINATION OF SERUM TYROSINE, PART I* 10 min.

Demonstrates formulations and techniques of preparing reagents used in the fluorometric determination of tyrosine.

R-\$34.50

S-\$37.00

8M-1401 FLUOROMETRIC DETERMINATION OF SERUM TYROSINE, PART II* 10 min.

Shows treatment of serum samples and methods of developing maximum fluorescence density. Demonstrates use of the fluorometer and how to plot final readings.

R-\$35.75

S-\$38.75

8M-1417A FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE (SHORT METHOD), PART I* 13 min.

Shows how reagents are prepared for rapid measurement of phenylalanine levels in blood serum.

R-\$40.25

S-\$43.25

8M-1417B FLUOROMETRIC DETERMINATION OF SERUM PHENYLALANINE (SHORT METHOD), PART II* 15 1/2 min.

Demonstrates the procedure for rapid measurement of phenylalanine levels in blood serum, using a fluorometer.

R-\$45.50

S-\$49.25

8M-1421 MOTILITY OF ENTAMOEBA HISTOLYTICA 4 min.

Photomicrography of scrapings from rectal lesion of a case of amebiasis showing movement of parasites.

R-\$23.25

S-\$25.00

8M-1432 STAINING BLOOD FILMS FOR DETECTION OF MALARIA PARASITES* 8 min.

Shows steps in staining blood films with Giemsa's stain to demonstrate maximum detail of blood parasites. Shows good and poor preparations and discusses errors.

R-\$30.25

S-\$32.75

8M-1433 PREPARATION OF THICK AND THIN BLOOD FILMS* 5 1/2 min.

Demonstrates techniques of preparing blood films for detection of blood parasites. Shows examples of good and poor films.

R-\$25.00

S-\$26.75

8M-1754 THE CATALASE TEST 6 min.

Demonstrates a simple and rapid test for differentiating catalase positive from catalase negative organisms.

8M-1755 THE OXIDASE TEST 5 min.

Demonstrates a rapid method of differentiating oxidase positive from oxidase negative organisms. Includes the sensitive "Kovac Modification."

8M-1765-X THE COAGULASE AND CLUMPING FACTOR TESTS FOR STAPHYLOCOCCUS AUREUS 5 min.

Demonstrates the clotting of coagulase-positive staphylococci in liquid media in the presence of coagulase plasma.

8M-2004-X DISSECTION OF THE BLOCK OF ORGANS; DISSECTION OF ADRENALS, AORTA, AND INFERIOR VENA CAVA AND SEPARATION INTO THORACIC, ABDOMINAL, AND PELVIC REGIONS 21 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$54.50

S-\$59.00

8M-2005-X DISSECTION OF THE PARATHYROID AND THYROID GLANDS 10 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$34.25

S-\$36.50

8M-2006-X DISSECTION OF THE THORACIC DUCT 10 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$34.50

S-\$36.50

8M-2007-X DISSECTION OF THE HEART 12 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$38.75

S-\$41.50

8M-2008-X DISSECTION OF THE DIAPHRAGM, PERICARDIUM, AORTA, AND LUNGS 11 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$37.25

S-\$39.75

8M-2009-X DISSECTION OF THE ESOPHAGUS, STOMACH, LIVER, SPLEEN, PANCREAS, AND BILIARY SYSTEM 16 min.

Series: Autopsy dissection technique. A cinematographic atlas.

atlas.

R-\$45.50

S-\$49.00

8M-2010-X DISSECTION OF THE MALE PELVIC ORGANS AND KIDNEYS
13 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$40.25

S-\$43.25

8M-2011-X DISSECTION OF THE FEMALE PELVIC ORGANS AND KID-
NEYS 14 min.

Series: Autopsy dissection technique. A cinematographic atlas.

R-\$42.25

S-\$45.50

TB LABORATORY PROCEDURES

8M-872 COLLECTION AND PROCESSING OF SPECIMENS FOR RESPIRA-
TORY VIRUS ISOLATION 4 min.

This film illustrates the recommended procedures for collection and processing of throat swab specimens for viral studies. Techniques for virus isolation are not included. It is recommended that this film be used in conjunction with others in the series pertaining to the isolation and identification of respiratory disease agents.

R-\$21.25

S-\$23.00

8M-874 ISOLATION AND IDENTIFICATION OF MYCOPLASMA PNEUMONIA
(EATON AGENT)* 5 min.

Essential purpose of film is to train technicians in the routines involved in the isolation and identification of the mycoplasma by use of proper media and microscopic viewing techniques. Confirming tests are shown making use of specific antisera-saturated paper disks.

R-\$23.50

S-\$25.50

8M-1016 TUBERCULIN TESTING, PART I: TUBERCULINS* 6 1/2 min.

One of a series. Shows briefly the procedures involved in

the preparation of purified protein derivatives and, in particular, the preparation of PPD-S used in tuberculin testing.

R-\$27.50

S-\$29.75

8M-1017 TUBERCULIN TESTING, PART II: ADMINISTRATION TECHNIQUES* 5 1/4 min.

One of a series. Shows the equipment needed and the techniques required to give the Mantoux tuberculin test.

R-\$25.25

S-\$27.00

8M-1022 ZIEHL-NEELSEN STAINING

Shows the most common method for demonstrating the presence of acid-fast organisms, including heat fixing, staining, washing, drying, examining, and reporting the presence or absence of acid-fast bacilli.

8M-1023 FLUORESCENT STAINING

Shows quick method to detect the presence or absence of acid-fast organisms in sputum, including heating, staining, washing, drying of sputum smears on slide.

Note: 8M-1022 and 8M-1023 are on one reel.
Total Running Time: 6 1/4 min.

R-\$27.00

S-\$29.00

8M-1049 DRUG SUSCEPTIBILITY TESTING, PART I: (DIRECT METHOD) 6 1/4 min.

One of 2 films. Shows direct method for determining the susceptibility of tubercle bacilli to various antituberculosis drugs, including sputum dilution, media inoculation, incubation, growth evaluation, and recording.

R-\$27.00

S-\$29.25

8M-1050 DRUG SUSCEPTIBILITY TESTING, PART II 7 min.

One of 2 films. Shows indirect method (by subculturing) for determining the susceptibility of tubercle bacilli to various antituberculosis drugs, including sputum dilution, subculturing, media inoculation, incubation, growth eval-

uation, and recording.

R-\$28.75

S-\$31.00

8M-1766 SOLUBILITY AND OPTOCHINE TESTS FOR STREPTOCOCCUS PNEUMONIAE 8 min.

Demonstrates the differentiation of streptococcus pneumoniae from other species by the optochine test or by the addition of sodium desoxycholate.

CLINICAL TECHNIQUES

8M-1230 THE REMOVAL OF BITING TICKS 3 1/2 min.

Shows how to remove biting ticks without leaving the mouth parts imbedded in the flesh.

R-\$20.75

S-\$22.25

8M-1286 INDENTATION TONOMETRY TECHNIQUE IN GLAUCOMA DETECTION* 5 3/4 min.

Shows the simplicity of technique when applied as a routine office procedure by examiner as part of normal physical examination given to everyone over 35. No special office equipment or highly skilled techniques are required.

R-\$29.25

S-\$31.50

8M-1299 BLOOD COLLECTION FOR PEDIATRIC TESTS* 5 min.

Demonstrates the procedure for taking blood specimens from very young infants for phenylalanine testing and other pediatric serum tests. The recommended method for shipping the serum to the laboratory is also shown.

R-\$24.00

S-\$25.75

8M-1483 METHODS FOR COLLECTING CAPILLARY BLOOD FOR CLINICAL CHEMISTRY* 8 min.

Demonstrates methods of collecting blood from infants and young children. Shows heel, finger, and toe stabs and collection by Rasmussen blood collector, capillary tubes, filter paper, and unopette.

R-\$29.75

S-\$32.00

HOSPITAL SANITATION

8M-924 SURFACE SAMPLING FOR MICRO-ORGANISMS* 8 min.

The proper techniques and procedures of surface sampling for bacteria in hospitals using the Rodac plate are demonstrated. The film outlines the reasons, preparation, and description of sampling method.

R-\$29.75

S-\$32.00

8M-925 SURFACE SAMPLING FOR MICRO-ORGANISMS* 5 min.

Shown are the proper techniques and procedures of surface sampling for bacteria in hospitals, using the swab method and template. Reason for techniques, processing, counting, and interpretation of surface sampling are outlined.

R-\$23.50

S-\$25.50

8M-926 AIR SAMPLING FOR MICROBIOLOGICAL PARTICULATES*
11 min.

The proper techniques and procedures for sampling airborne bacteria in hospitals using the Reyniers and TDL samplers, are shown. Included are step-by-step demonstrations on the operation of the Reyniers and TDL samplers.

R-\$35.50

S-\$38.25

8M-1324 HOSPITAL HOUSEKEEPING: MOPPING, TWO-BUCKET METHOD*
9 min.

Instructs maintenance personnel in mopping hospital floors, using an efficient and thorough method to get more work accomplished and kill more germs in the process.

R-\$32.00

S-\$34.50

8M-1325 HOSPITAL HOUSEKEEPING: WET PICKUP* 7 min.

Instructs maintenance personnel in the best method and procedure for cleaning the floor of the operating room after an operation.

R-\$27.50

S-\$29.75

PUBLIC HEALTH

8M-477 THE COMMUNICABLE DISEASE CENTER* 22 min.

The Public Health Service's effort to control communicable diseases is discussed in this film. Their center's facilities and field work are capsuled. Epidemic investigations, programs for surveillance, and control of several diseases are described.

R-\$58.75

S-\$63.50

8M-1263 SPOT PREVENTION (MEASLES)* 14 min.

Humorously shows the chase and capture of the measles "germ" and his "conversion" to protective vaccine. Animated. For the purpose of promoting immunization against measles in children.

R-\$42.50

S-\$45.75

8M-1300 AIRBORNE TRANSMISSION OF TUBERCLE BACILLI* 6 3/4 min.

Shows how airborne tuberculosis infection takes place, how the pattern of transmission is verified, and how infection can be controlled.

R-\$28.25

S-\$30.50

REHABILITATION

8M-899 MECHANISMS OF THE INTRINSIC LARYNX MUSCLES* 25 min.

The cartilaginous and musculature anatomy of the human larynx is discussed. The film demonstrates the functions of the muscles during speech, breathing, etc.

R-\$77.75

S-\$84.00

8M-912 BASIC WHEELCHAIR FEATURES AND HANDLING* 8 min.

This film describes the basic features needed in a wheelchair that is generally suitable for a person who can stand when getting into and out of a chair.

R-\$29.75

S-\$32.00

8M-913 BED-TO-WHEELCHAIR TRANSFER 7 min.

The film shows a step-by-step procedure on how to transfer the hemiplegic patient from a low bed to a sitting position, standing position, and then to a wheelchair with the assistance of an attendant.

R-\$27.75

S-\$29.75

8M-914 EXERCISES TO MOBILIZE THE SHOULDER* 8 min.

This film shows the exercises to preserve or restore range of motions of the shoulder. Movements shown are extension, flexion, abduction, external and internal rotation, combination of movements, pendulum exercises, and circumduction.

R-\$29.75

S-\$32.00

8M-918 ORIENTATION TO THE USE OF CRUTCHES* 5 1/2 min.

The film shows the fitting of underarm crutches, the tripod principle, and crutch walking (including stairs). Disadvantages of too short or too long crutches are discussed.

R-\$24.75

S-\$26.50

8M-964 CATHETERIZATION OF THE PARALYTIC PATIENT* 5 min.

The technique used in catheterizing a paralytic patient is demonstrated in this film. Included are step-by-step demonstrations on the precautions to prevent infection and the complete procedure of inserting and operating catheter.

R-\$23.50

S-\$25.50

8M-966 MOTOR CONDUCTION VELOCITY STUDIES OF THE MEDIAN AND ULNAR NERVES* 7 1/2 min.

Designed as an aid in defining the character of neuropathic lesions. The film presents a method of determining the velocity in motor fibers of the median nerve in the forearm.

R-\$29.25

S-\$31.50

8M-1108 OCCUPATIONAL THERAPY EVALUATION OF THE HEMIPLEGIC PATIENT* 10 1/2 min.

Demonstrates techniques and methods for the occupational

evaluation of hemiplegic patients before initiating therapy.

R-\$35.50

S-\$38.25

8M-1109 THE HEMIPLEGIC PATIENT, PART II: BED POSITIONING OF THE ACUTE PATIENT* 7 1/2 min.

Shows how to position hemiplegic patient in a bed, how to move patient to new positions, and when and how to use pillows to brace areas.

R-\$29.50

S-\$31.75

8M-1110 THE HEMIPLEGIC PATIENT, PART III: EVALUATION OF THE PATIENT FOR STANDING* 7 1/2 min.

Demonstrates muscle testing techniques used to evaluate a hemiplegic's capability to stand.

R-\$29.75

S-\$32.00

8M-1111 THE HEMIPLEGIC PATIENT, PART IV: PASSIVE RANGE OF MOTION* 8 1/2 min.

Shows correct techniques used in passive range of motion activities with a hemiplegic patient.

R-\$31.25

S-\$33.75

8M-1112 VERBAL IMPAIRMENT ASSOCIATED WITH BRAIN DAMAGE* 16 min.

A speech therapist explains the similarities and differences between dysarthria, aphasia, and verbal apraxia. Specific speech impairments and syndromes are demonstrated by affected patients.

R-\$47.25

S-\$51.00

8M-1248 TRANSFERRING FROM WHEELCHAIR TO BED (AFFECTED SIDE OF PATIENT NEXT TO BED)* 5 1/2 min.

Demonstrates technique of transferring patient from a wheelchair to a bed with his affected side next to the bed.

R-\$25.00

S-\$26.75

8M-1249 TRANSFERRING FROM WHEELCHAIR TO BED (NONAFFECTED SIDE OF PATIENT NEXT TO BED)* 5 min.

Demonstrates technique of transferring patient from a wheel-

chair to a bed with his nonaffected side next to the bed.

R-\$23.50

S-\$25.50

8M-1250 TECHNIQUE FOR PROPELLING STANDARD WHEELCHAIR BY HEMIPLEGIC PATIENT* 4 3/4 min.

Demonstrates the manner in which a hemiplegic can be taught to use a wheelchair.

R-\$23.75

S-\$25.75

8M-1262 TRANSFERRING FROM WHEELCHAIR TO BED WITH MAXIMAL ASSISTANCE* 4 min.

Shows safest and easiest way to transfer from wheelchair to bed the patient who needs maximal assistance.

R-\$23.00

S-\$24.75

8M-1332 PHYSICAL THERAPY MANAGEMENT OF THE PRE- AND POSTOPERATIVE OPEN HEART PATIENT* 13 3/4 min.

Shows breathing exercises given patient before heart operation and followup treatment continued by the therapist following the operation.

R-\$42.25

S-\$45.50

8M-1333 AMBULATION TRAINING OF THE HEMIPLEGIC PATIENT* 10 min.

Shows beginning ambulation training of the hemiplegic patient, using a handy-standy or a pickup strap, according to the particular needs of the patient. These temporary aids are used with the patient inside the parallel bars.

R-\$35.00

S-\$37.75

8M-1334 INDEPENDENT AMBULATION AND ELEVATION ACTIVITIES OF THE HEMIPLEGIC PATIENT* 11 min.

Illustrates proper teaching methods to be used with the hemiplegic patient as he progresses to the use of a cane for independent ambulation, curb, ramp, and stair climbing.

R-\$35.00

S-\$37.75

8M-1335 USE OF THE CONDOM APPLIANCE FOR THE INCONTINENT PATIENT* 8 1/2 min.

Presents in detail the assembly and application of the condom appliance that provides a means for the incontinent male patient to be kept dry without the use of an indwelling catheter.

R-\$30.50

S-\$33.00

8M-1336 BODY MECHANICS* 9 1/2 min.

Shows do's and don'ts of lifting techniques used by physical therapists. Emphasizes use of proper body mechanics as a protection to both patient and therapist.

R-\$32.25

S-\$34.75

8M-1337 BASIC TERMINOLOGY FOR REHABILITATION APPLIANCES* 5 3/4 min.

Defines and illustrates through microsimulation methodology the basic terminology for rehabilitation appliance. To be used in training aides and helpers with no medical background.

R-\$25.75

S-\$27.75

8M-1366 HELEN BRADY, LEFT HEMIPARETIC 5 3/4 min.

This open-end film presents a situation involving a left hemiparetic public health nurse, her supervisor, her husband, and a rehabilitation counselor. It portrays a specific problem, but does not develop toward a definite conclusion, leaving this to be decided.

R-\$25.00

S-\$26.75

8M-1380 FRED BENNETT, RIGHT HEMIPARETIC 7 3/4 min.

Fred Bennett, right hemiparetic, seeks advice from a Veterans Administration counselor on how to resume a normal pattern of life.

R-\$29.25

S-\$31.50

8M-1405 PARAPLEGIC AMBULATION, INITIAL PARALLEL BAR

EXERCISES* 8 min.

The ambulation of the paraplegic patient wearing bilateral long-leg braces with pelvic band is preceded by exercises in the parallel bars to develop initial balance during stance and trunk movements.

R-\$29.75

S-\$32.00

8M-1406 GAIT TRAINING OF THE PARAPLEGIC* 7 1/2 min.

Picking up where the first of this series left off, the patient is taught the drag-to, the swing-to, and the swing-through gaits in the parallel bars. The trunk, hand, head, and foot positioning are noted in each gait sequence, as well as the proper spotting techniques.

R-\$28.00

S-\$30.25

8M-1407 CRUTCH BALANCING FOR THE PARAPLEGIC PATIENT*
10 1/2 min.

The paraplegic patient with braces and crutches is now outside of the parallel bars where he goes through a series of crutch movements, weight shifting, and total body balance with the constant use of the tripod principle of support.

R-\$34.25

S-\$36.75

8M-1408 ELEVATION ACTIVITIES OF THE PARAPLEGIC PATIENT*
6 3/4 min.

With all level ambulation activities mastered, the paraplegic patient now demonstrates the ascent and descent of curbs, steps, and ramps with the use of axillary crutches. Spotting techniques for the therapist are emphasized.

R-\$27.00

S-\$29.00

8M-1409 SENSORY CONDUCTION STUDIES MEDIAN NERVE* 9 1/2 min.

Demonstrates the antidromic and orthodromic techniques for recording the evoked potentials from digital sensory nerves.

R-\$32.50

S-\$34.00

8M-1410 WHEELCHAIR TRANSFERS FOR THE PARAPLEGIC* 6 1/2 min.

Three transfer techniques for the paraplegic patient are

explained and demonstrated: frontwards, sideways with removable arm rests on the wheelchair, and sideways without removable arm rests. Spotting techniques for the therapist are demonstrated.

R-\$26.75

S-\$28.75

8M-1416 HERBERT NELSON, LEFT HEMIPARETIC 6 1/2 min.

Herbert Nelson, a left hemiparetic and his wife visit the vocational rehabilitation counselor seeking help. Mr. Nelson is helpless since returning from the hospital and their financial situation has become acute.

R-\$26.50

S-\$28.50

8M-1441 INTRODUCTION TO ISOKINETIC EXERCISE* 12 1/2 min.

Filmograph which explains and illustrates the principle of isokinetic exercise.

R-\$39.00

S-\$42.25

8M-1550 THE HEMIPARETIC PATIENT--CHANGING POSITION IN BED* 7 1/4 min.

Shows how the hemiparetic patient is taught to move from side to side and to roll over.

R-\$28.00

S-\$30.25

8M-1551 THE PARAPLEGIC PATIENT--TAKING OFF A FULL BODY BRACE IN BED* 7 3/4 min.

Shows the method used by a paraplegic to remove a full brace in bed.

R-\$29.25

S-\$31.50

8M-1552 THE QUADRUPARETIC PATIENT--TRANSFER FROM BED TO WHEELCHAIR USING SLIDING BOARD* 6 1/2 min.

Shows techniques used in transfer of the quadraparetic patient between bed and wheelchair with the use of a sliding board.

R-\$26.75

S-\$28.75

8M-1553 THE PARAPLEGIC PATIENT--PUTTING ON A FULL BODY

BRACE IN A WHEELCHAIR* 10 min.

Depicts the most effective method for the paraplegic patient to put on a full body brace in a wheelchair.

R-\$33.75

S-\$36.25

8M-1554 THE QUADRUPARETIC PATIENT--SITTING BALANCE IN BED*
8 3/4 min.

Shows how the quadruparetic patient learns to move his extremities and trunk while sitting in bed.

R-\$31.25

S-\$33.75

8M-1555 THE QUADRUPARETIC PATIENT--CHANGING POSITION AND SITTING UP IN BED* 7 min.

Shows how the quadruparetic patient can move one side and roll over in bed. Also shows how the patient learns to sit up.

R-\$27.50

S-\$29.75

8M-1556 THE HEMIPARETIC PATIENT--SITTING UP AND LYING DOWN IN BED* 8 min.

Shows how the hemiparetic patient learns to sit up and lie down.

R-\$29.75

S-\$32.00

8M-1569 CHRONIC OBSTRUCTIVE PULMONARY DISEASE--BREATHING PATTERNS* 5 min.

Shows patterns of breathing and how to teach them to a patient with chronic obstructive pulmonary disease.

R-\$23.50

S-\$25.25

8M-1570 CHRONIC OBSTRUCTIVE PULMONARY DISEASE--INTERMITTENT POSITIVE PRESSURE BREATHING* 6 min.

Explains how to teach a patient with chronic obstructive pulmonary disease to use a mechanical respirator as an adjunct to the total respiratory rehabilitation program.

R-\$25.75

S-\$27.50

8M-1571 CHRONIC OBSTRUCTIVE PULMONARY DISEASE;
DIAPHRAGMATIC BREATHING* 6 3/4 min.

Shows method for correcting faulty breathing patterns of the patient with chronic obstructive pulmonary disease with the ultimate goal of restoring normal use of the diaphragm.

R-\$27.00

S-\$29.25

8M-1572 CHRONIC OBSTRUCTIVE PULMONARY DISEASE--THE USE
OF OXYGEN IN PHYSICAL THERAPY MANAGEMENT*
5 3/4 min.

Shows how various machines, depending on particular need, are used to supply oxygen to the patient with chronic obstructive pulmonary disease.

R-\$25.00

S-\$27.00

8M-1573 POSTURAL DRAINAGE--PATIENT POSITIONING* 8 1/4 min.

Demonstrates the various positions of the body which are used to drain the lung segments of the patient with chronic obstructive pulmonary disease.

R-\$29.75

S-\$32.75

8M-1756-X PARAPLEGIC PATIENT EDUCATION: THE EFFECTS OF
SPINAL CORD INJURY 8 min.

Cites causes of spinal injuries, discusses the effect these injuries may have on the individual, and points out how best to become as independent as possible.

8M-1757-X PARAPLEGIC PATIENT EDUCATION: ACTIVITIES IN
YOUR NEW LIFE 7 min.

Looks at some of the problems of adjusting to a new life following a crippling disease or accident, suggests ways to solve these problems, build self-confidence, and achieve physical and financial independence.

8M-1758-X PARAPLEGIC PATIENT EDUCATION: JOINT MOTION
5 min.

Explains methods for maintaining joint motion, including range-of-motion exercises, positioning, and activity.

8M-1759-X PARAPLEGIC PATIENT EDUCATION: MOVING IN AND OUT OF YOUR WHEELCHAIR 5 min.

Explains the steps involved in the independent transfer to and from a wheelchair.

8M-1760-X PARAPLEGIC PATIENT EDUCATION: WALKING WITH BRACES AND CRUTCHES 5 min.

Stresses physical limitations, need for preparation for ambulation training, balance drills, and mobility exercises. Emphasizes that results depend on continued practice.

8M-1761-X PARAPLEGIC PATIENT EDUCATION: PREVENTION OF SKIN PROBLEMS 8 min.

Cites causes of decubitus ulcers resulting from pressure sores. Warns of dangers involved and outlines a simple deterring program.

8M-1762-X PARAPLEGIC PATIENT EDUCATION: PREVENTION OF BLADDER PROBLEMS 8 min.

Explains bladder dysfunction related to spinal cord injury. Stresses the importance of catheter irrigation, good drainage, and fluid intake in the prevention of calcium deposits in the bladder or kidneys.

8M-1763-X PARAPLEGIC PATIENT EDUCATION: PLANNING YOUR BOWEL PROGRAM 6 min.

Stresses the importance of a well-planned bowel program based on scheduling, diet, and stimulation.

8M-1764-X PARAPLEGIC PATIENT EDUCATION: AN ACTIVE FUTURE 5 min.

Stresses the importance of setting realistic goals during the rehabilitation program in order to achieve success later. Emphasizes the necessity of maintaining good health, activity, and interest.

8M-1781 THE HEMIPARETIC PATIENT: TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE 4 min.

Demonstrates the transfer between wheelchair and car.

8M-1782 THE HEMIPARETIC PATIENT: IN AND OUT OF CAR-- PATIENT WALKING WITH CANE 3 min.

Demonstrates the use of a cane in entering and leaving a car.

8M-1783 THE PARAPLEGIC PATIENT: TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE 4 min.

Demonstrates the transfer between wheelchair and car.

8M-1785 THE PARAPLEGIC PATIENT: IN AND OUT OF CAR-- PATIENT USING CRUTCHES 5 min.

Demonstrates the use of crutches and braces in moving in and out of a car.

8M-1786 THE QUADRIPARETIC PATIENT: TRANSFER FROM WHEELCHAIR TO CAR AND REVERSE 8 min.

Demonstrates use of the sliding board for transfer between wheelchair and car.

8M-1788 HYGIENIC PROCEDURES FOR THE AMPUTEE 5 1/2 min.

Presents the proper hygienic procedures which must be followed by the patient with an amputation for daily cleansing of the stump, stump sock or bandage, and the prosthesis itself.

8M-1789 CRUTCH AND CANE MEASUREMENT 5 1/2 min.

Shows the proper method of measuring a patient for axillary crutches, loftstand crutches, or a cane.

8M-1790 PROSTHETIC FOOT COMPONENTS, PART I 7 min.

Reviews the various aspects of four types of foot-ankle components and presents patients wearing each of these types.

8M-1791 PROSTHETIC KNEE COMPONENTS, PART II 7 1/2 min.

Describes the various qualities of 5 different knee joints which may be used by the patient with an above-knee amputation.

8M-1792 PROSTHETIC ABOVE-KNEE SOCKETS, PART III 9 min.

Describes in detail the quadrilateral or anatomical socket used with above-knee amputations and shows the importance of having the socket fit the stump correctly. Three different methods of suspension are shown.

8M-1793 PROSTHETIC BELOW-KNEE SOCKETS, PART IV 6 min.

Explains the various qualities of three different below-knee prosthetic sockets and shows each of these being worn by a patient.

8M-2012-X BED CARE AND POSITIONING OF THE PATIENT WITH ARTHRITIS 8 min.

Demonstrates proper bed care and positioning of the patient with arthritis which will allow a more rapid and comfortable recovery as well as preventing contractures and bed sores. An integral part of good bed care is the ability to assist movement of the patient with a minimum of pain.

R-\$29.50

S-\$31.50

8M-2013-X TRANSFERRING THE PATIENT WITH ARTHRITIS 9 min.

Demonstrates the proper transfer of the patient with arthritis, a technique often neglected but which can contribute much to the comfort of the afflicted person. These fundamental principles may apply to any patient whether on medical or surgical service.

R-\$30.50

S-\$32.50

8M-2014-X THE PRINCIPLES OF BED EXERCISING WITH THE ARTHRITIC PATIENT 8 min.

Assisting the arthritic patient with his exercise program may be time-consuming, but it is essential so that he may maintain or regain use of his body during hospitalization. It may be no more than encouragement and instruction, but it often requires active assistance. Maximum benefits can be accomplished with minimum discomfort.

R-\$28.50

S-\$30.25

REHABILITATION--PARKINSON PATIENT

8M-1442 RESPIRATORY EXERCISES* 5 1/2 min.

A demonstration of respiratory exercises designed to enhance the diaphragmatic breathing and lateral costal expansion of the Parkinson patient.

R-\$24.75

S-\$26.75

8M-1443 PHYSICAL MANIFESTATIONS AND GOALS OF TREATMENT* 5 1/2 min.

Therapist presents a Parkinson patient, pointing out the phys-

ical manifestations and the expected goals of treatment.

R-\$24.75

S-\$26.75

8M-1444 STRETCHING AND MOBILIZATION* 6 3/4 min.

Presents a demonstration of stretching and mobilization techniques for use with Parkinson patients. For physical therapists.

R-\$27.25

S-\$29.50

8M-1445 AMBULATION TRAINING* 6 1/4 min.

Presents a detailed explanation and demonstration of techniques for use in ambulation training for the Parkinson patient.

R-\$26.25

S-\$28.25

REHABILITATION--EMPHYSEMA

8M-1214 PHYSIOLOGIC MANIFESTATIONS OF EMPHYSEMA 10 1/2 min.

Live action and animation are used to depict symptoms and characteristics evidenced in patients with chronic bronchitis and emphysema.

R-\$35.50

S-\$38.25

8M-1215 TESTS FOR BRONCHITIS AND EMPHYSEMA 7 min.

A variety of clinical testing procedures and equipment for diagnosing bronchitis and emphysema are shown and described.

R-\$28.25

S-\$30.50

8M-1216 MANAGEMENT OF THE EMPHYSEMATOUS PATIENT 7 min.

Many aspects of the management of the emphysematous patient are outlined. The retraining of the respiratory muscles and oxygen therapy is included.

R-\$26.50

S-\$27.00

8M-1217 POSTURAL DRAINAGE 5 1/2 min.

Live action and animation are combined in this film to

show the techniques of postural drainage.

R-\$24.75

S-\$26.50

8M-1218 DIAPHRAGM AND RIB CAGE PERFORMANCE 3 1/2 min.

Anatomical animation is used primarily to show the performance of the normal diaphragm and rib cage.

R-\$20.75

S-\$22.25



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