

# Learning Resources

## Angiography: A Gentle Look

A dynamic tool for the patient about to undergo angiography. Covers the procedure, step by step, from beginning to end. Explains the use of a catheter to insert contrast medium. Illustrates the use of instruments and equipment ... their sounds and movements. Describes how and what the patient feels during each step of the procedure. Produced by Lange Productions.

Adult  
7 minutes, order 1-6562-IN

## Angioplasty: An Available Alternative

Emphasizes the benefits of angioplasty and explains the technique. Dramatizes a patient experiencing chest pain while working in his garden, which sets the stage, and walks the patient through the diagnostic and treatment phases. Describes the type of patient who benefits from angioplasty, and alternative to open heart surgery. Illustrates patient/doctor interaction as the patient asks typical questions about the procedure and the doctor explains with graphics, dramatization, and discussion. Shows, with outstanding graphics, the patient undergoing cardiac catheterization. Walks the viewer through the entire process of angiography, with an explanation of

## A selection of videos for cardiologists

patient preparation, patient experience, equipment, and diagnostic results. Produced by Lange Productions.

Adult, Professional  
10 minutes, order 1-6561-IN

## A Brighter Tomorrow

This comforting, informative patient education videotape reassures those facing open heart surgery. Following several heart attack patients and their families through their surgery and recovery, this program covers everything from pain to the emotional impact of severe disease. The viewer is walked through the surgical preparation, including blood work, X-ray, and preop teaching; the day of surgery, with focus on what the patient and family can expect; and follow up after discharge including cardiac rehabilitation.

Reassuringly, the video shows the patients after recovery, running, playing tennis, and mowing the lawn. Produced by St Elizabeth Hospital Medical Center.

Adult  
20 minutes, order 1-6468-IN

## Cardiac Examination

*The Physical Assessment Series*

Graphics and close ups show where to place the stethoscope. Hear normal sounds as the examiner moves over the four classic areas.

Professional  
13 minutes, order 1-6482-IN

## The Cardiosat Series

*Cardiac Magnetic Resonance Imaging & Secondary Prevention*

Secondary preventative measures can reduce the risk of subsequent cardiac events for individuals who survive myocardial infarction or angina. Dr Thomas Pearson, Professor of Medicine at Johns Hopkins University, outlines risk factor modification strategies and prophylactic drug therapies that decrease the rate of recurring cardiac events. Dr Pearson explores the efficacy of smoking cessation, cholesterol reduction, physical activity, beta blockers, anti platelet agents, and anticoagulants.

60 minutes, order 1-3413

## Clues to Unfavourable Outcome Following Acute Myocardial Infarction

Beta blockers' Bantarrhythmic and antiischemic properties make them an excellent tool for improving the survival rate among post myocardial infarction patients. Curt Furberg, a researcher with the National Institute of Health, explores beta blocker treatment trials and identifies the efficacious results of Propranolol and Timolol therapies. Dr Furberg also examines the risks, treatment strategies and dosage recommendations associated with beta blocker regimes.

30 minutes, order 1-3847

## Management of Dental Trauma in Children Vol. 1.6

A leading dentist outlines incision site selection and suture techniques for three preprosthetic periodontal therapies designed to aid in : The placement of a crown on upper central incisors, the installation of a bridge placed on all lower remaining teeth, and the treatment of an amalgam tattoo on labial gingiva over the maxillary right central and lateral incisor teeth. This presentation includes excellent illustrations and videotaped surgery footage.

30 minutes, order 1-3875



## Learning Resources

### **Opiates in Anesthesia Vol. 1.3-1.4**

Opiate treatments can offset some of the negative consequences of anesthesia and improve patient functioning. Dr. Nabil Fahmy, a researcher and practicing anesthesiologist at Massachusetts General Hospital, explores pharmacokinetics and effects of Morphine, Sufentanil and Fentanyl. Dr. Fahmy outlines pre- and intraoperative uses of these opiates on the cases of opioid analgesia, neuroleptanalgesia, and balanced anesthesia. Fahmy's lecture also addresses a variety of topics related to these specific opiates including half-life, respiratory depression, biliary pressure, receptors, and endorphines.

60 minutes, order 1-3982

### **Tendon Transfer to the Hand Vol. 1.1 and Orthopedic Surgical**

60 minutes, order 1-887

### **Value of Thallium Imaging Vol. 1.14**

28 minutes, order 1-3704

Professional

268 minutes, order 1-34130-IN

### **Clues To Unfavorable Outcome Following Acute Myocardial Inf**

*The Cardiosat Series*

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Post Secondary - Advanced, Adult, Professional  
30 minutes, order 1-3847-IN

### **Duplex Scanning: Detection Of Carotid Artery Disease**

Advances in noninvasive duplex scanning of the carotid arteries, combined with new options in angiography, enable the medical workup of a patient with suspected atherosclerotic disease to proceed in a logical and cost-effective manner. Duplex scanning, when done by experienced and skilled operators, achieves accurate detection of diseases in 85 to 95 percent of patients studied. This discussion focuses on the current use, accuracy and need for duplex scanning for carotid disease, and its role in helping to direct appropriate therapy and angiography.

Institute: Loma Linda Univ. Medical School. Presenters: Dr. G.B. Kitching.  
Accreditation: UCLA Credit  
Hours: 1

Post Secondary - Advanced, Adult, Professional  
30 minutes, order 1-5504-IN

### **The Heart Diagnostic Tests Series**

*The Heart Diagnostic Test*

This series explains and illustrates tests for diagnosing ailments of the heart. The programs also include discussions by cardiologist Richard Taw and patients who have undergone the tests about the physical and emotional aspects of the tests. The series is designed to explain the testing procedures and lessen the anxieties of patients about to be tested.

### **Electrocardiogram and Holter Monitor**

The electrocardiogram (ECG) measures the electrical activity of the heart and gives important information about cardiac rhythm, as well as the size and condition of heart chambers. The Holter monitor is used to record a twenty four hour ECG. Cardiologist Richard Taw explains the purpose and administering process of these tests, and a woman with arrhythmia describes her physical and emotional reactions to the testing.

Prepares patients by showing how an electrocardiogram can give important data about cardiac rhythm, and the size and condition of cardiac chambers. Explains how ECG's are often used to evaluate unexplained chest pain, especially when a heart attack is suspected. Shows how the Holter monitor is used to record a 24-hour ECG.

11 minutes, order 1-5032

### **Exercise Stress Test & Exercise Echocardiogram**

Cardiovascular problems evident only during exertion are detected before they create any dangerous situations.

10 minutes, order 1-5033

### **Echocardiogram and Carotid Duplex Scan**

Explains the testing procedures; patients who have undergone the test share their experiences to lessen anxieties of others.

10 minutes, order 1-5034

### **Thallium Scan & Cardiac Blood Pool Imaging**

Designed to explain the testing procedures and lessen the anxieties of patients about to be tested.

10 minutes, order 1-5035

### **Coronary Angiography**

Procedures for, and what information can be derived from the test. Includes details of coronary angioplasty, and patient info on both.

13 minutes, order 1-5036

Professional

54 minutes, order 1-50360-IN



## Learning Resources

### The Heart Transplant Experience: Pre-operative Preparation

Individuals who receive heart transplants are those who would otherwise have less than a year to live. This overview explains the risk of cardiopulmonary bypass, discusses the waiting period for a donor heart, and details the overall protocol leading up to the actual surgery.

Post Secondary - Advanced, Professional, Adult  
11 minutes, order 1-5370-IN

### The Heart Transplant Experience: The Operation

What happens in the operating room? Although surgery typically lasts about 3.5 to 5 hours, the patient may be in the operating room for 7 hours, since there is waiting period while the donor heart is transported. This program describes the sensation the patient can expect from anesthesia, and the mechanics of the surgical procedure itself.

Post Secondary - Advanced, Professional  
9 minutes, order 1-5371-IN

### The Heart Transplant Experience: Post-operative

Immediately after surgery, patients are transferred from the operating room to the intensive care unit. Vital signs are carefully monitored as the patient emerges from anesthesia. Seven days after the transplant, a heart biopsy is performed to check for early signs of rejection.

Post Secondary - Advanced, Professional  
16 minutes, order 1-5372-IN

### Intra-aortic Balloon Pumping: Theoretical Concepts

This discussion presents the physiological principles of intra-aortic balloon pumping, the basic principles of operation, the indications and contraindications for use of the pump, and the complications associated with its use.

Institute: Massachusetts General Hospital.  
Presenters: Madeline M. O'Donnell, R. N..  
Accreditation: AJN Credit Hours: 1

Post Secondary - Advanced, Adult, Professional  
30 minutes, order 1-5124-IN

### The Learning About Heart Attacks Series

In this series, people who have had heart attacks share their personal experiences. Medical experts including cardiologists Dr. William Shell and Dr. Arthur J Lazik, and clinical social worker Bernice Sokol discuss the different ways people cope with a heart attack. They emphasize that most victims are able to resume all of their normal activities.

#### Meeting the Emergency

This program shows how the heart works and explains how a shortage of oxygen to the heart produces a heart attack. The physical symptoms are described as well as the wide range of emotions people experience after a heart attack.

Code 1-8078, 12 minutes

#### Causes and Risk Factors

The differences between angina and heart attacks are described. Risk factors that contribute to cardiovascular disease are outlined including genetic predisposition, age, smoking, high blood pressure, cholesterol levels, obesity, and stress.

Code 1-8079, 15 minutes

### Drugs and Surgery

A range of appropriate therapies following a heart attack are explored including medications, the use of an implantable pacemaker, balloon angioplasty, and coronary bypass surgery. Since depression is often a natural reaction after a heart attack, the warning signs of depression are examined.

Code 1-8080, 18 minutes

#### A Healthy Way to Live

With advances in modern medicine, heart attacks need not be fatal or disabling. Survival and recover, however, are only half the battle. It's also essential to avoid another attack. This program deals with the changes necessary to insure good health. Diet, exercise, and avoiding stress are emphasized.

Code 1-8081, 20 minutes

#### The Patient and the Family

When a person has a heart attack, it affects all members of the family, generating reactions ranging from fear to guilt. Focusing on one family, this program suggests ways to get these feelings out in the open where they can be dealt with.

Code 1-8082, 16 minutes

Adult  
82 minutes, order 1-80781-IN



## Learning Resources

### Management Of Infective Endocarditis

Endocarditis, an inflammation of the lining of the heart and its valves, is primarily a disease of older patients. This discussion describes the underlying heart disease, infecting organisms, and clinical syndromes in infective endocarditis. The special aspects of endocarditis in intravenous drug abusers and patients with prosthetic cardiac valves are discussed. The criteria for diagnosis are outlined, the therapeutic approach with antibiotics and/or cardiac surgery delineated, and the role of prophylaxis is discussed.

Post Secondary - Advanced, Professional  
30 minutes, order 1-5484-IN

### Measurement/application Of Physiological Responses To Stress

In the past decade, stress has become one of the greatest single contributors to illness in the industrial world. Experts estimate that perhaps half of all sudden deaths in adults are related to the detrimental effects of stress on the cardiovascular system. This program describes a noninvasive system for comprehensive assessment of hemodynamic variables. This system can identify individuals who respond inappropriately to mental stress and can clarify which physiological mechanisms are responsible for a patient's hypertension.

Institute: National Center of Preventive and Stress Medicine. Presenters: Robert S. Eliot, MD, FACC. Accreditation: UCLA Credit Hours: 1.

Post Secondary - Advanced, Adult, Professional  
30 minutes, order 1-5524-IN

### New Info From Doppler Echocardiography

Professional  
26 minutes, order 1-3474-IN

### The Operation: Coronary Artery Bypass

Witness a triple coronary artery bypass procedure full of insightful close-ups, clear graphics, and detailed explanations of the responsibilities, procedures, and equipment in the O.R.

Professional  
60 minutes, order 1-6500-IN

### Risk Reduction In Preventive Cardiology

This program is designed to create an awareness in the primary care physician of his or her role in the treatment of atherosclerosis. The discussion outlines recommendations for the prevention, retardation and even regression of this arterial disease.

Institute: CTR for Health Enhancement. Presenters: Dr. Charles Kleeman. Accreditation: UCLA Credit Hours: 1

Post Secondary - Advanced, Adult, Professional  
30 minutes, order 1-5444-IN

### Stress Testing: A Comprehensive Approach

The aim of this discussion is to familiarize the primary care physician with the role of stress testing, including rationale, indications, contraindications, and limitations. A computer-assisted stress test reporting system is described. In addition, an overview of those tests that may be done in conjunction with stress electrocardiography is provided.

Institute: Cedars Sinai & UCLA. Presenters: Dr. Howard Allen. Accreditation: UCLA Credit Hours: 1

Post Secondary - Advanced, Professional  
30 minutes, order 1-5456-IN

### Thrombolysis And Reperfusion

This discussion, based on the proceedings of the Sixteenth Annual Symposium of the Texas Heart Institute, highlights advances in interventional cardiology. Topics include the long-term mortality and morbidity associated with use of intravenous streptokinase in patients with acute myocardial infarction, thrombolytic therapy for acute coronary artery obstruction, and endothelial cell integrity and its role in cardiovascular disease.

Post Secondary - Advanced, Adult, Professional  
30 minutes, order 1-5548-IN

### Thrombolytic Therapy In Acute Myocardial Infarction

Although thrombolytic therapy has great potential for saving lives and reducing disability in heart attack survivors, certain precautions need to be applied. This program focuses on the current status, limitations and future prospects of the proper clinical use of streptokinase in thrombolytic therapy.

Institute: Georgetown University Hospital. Presenters: Dr. David L. Pearle. Accreditation: UCLA Credit Hours: 1

Post Secondary - Advanced, Professional  
30 minutes, order 1-5502-IN

### Transesophageal Echocardiography

This program helps reassure the patient and family by describing the procedure and possible results, using clear illustrations and comparing the procedure to familiar non-medical tests (such as an automobile diagnostic). Showing the procedure on an actual patient, then having him discuss it, reassures the viewer.

Possible complications are discussed and explained, and common patient concerns are reviewed. A concise, yet comprehensive, patient education program.

Adult  
8 minutes, order 1-2159-IN



## Learning Resources

### Uses Of Laser In Cardiology

In the past decade, laser techniques have become an integral part of interventional cardiology. This discussion, which is based on the proceedings of the Sixteenth Annual Symposium of the Texas Heart Institute, describes the state-of-the-art in laser angioplasty, including its use in the treatment of peripheral atherosclerotic disease and total peripheral arterial occlusion.

Post Secondary - Advanced, Adult, Professional  
60 minutes, order 1-5545-IN

### Wolff Parkinson White Syndrome: Diagnosis, Treatment, Cure

Cardiologists from Baptist Memorial Hospital examine the diagnosis and treatment of Wolff-Parkinson-White syndrome. Dr S Paul Hess and Edward Garret describe the roles of the AV bypass tract, AV node, and ventricular septum in W-P-W and explain how physicians can differentiate between mild and serious presentations of this syndrome. They also outline drug therapies and surgical techniques that can remedy the varying W-P-W conditions. The program includes discussion of diagnostic catheter studies, chronic prophylactic therapy, and pre-, intra- and post operative procedures.

Post Secondary - Advanced, Professional  
28 minutes, order 1-5572-IN

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