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Finding aid prepared by Karen L. Anderson Peterson, Archivist

**TITLE:** Melvin Paul Judkins Papers

**COLLECTION NUMBER:** 2005-022

## **OVERVIEW OF THE COLLECTION**

**Dates:** 1961-1970

Bulk of the collection pertains to Dr. Judkins' tenure at the University of Oregon Medical School

**Extent:** N/A

### **Language and Scripts:**

All materials are in English

### **Name of creators:**

The materials were created and/or collected by Melvin P. Judkins and Eileen Judkins, wife of Dr. Judkins.

### **Administrative/Biographical History:**

Melvin Paul Judkins was born May 3, 1922, in Los Angeles, CA. He grew up in a sparsely populated area near Los Angeles raising chickens, goats and cows. He showed an early affinity for all things mechanical and electrical, building crystal sets, learning Morse code, and earning a first class radio operator's license. His college aptitude scores were high in engineering and medicine. To pay for his own education at two private church academies, he delivered papers, worked in construction, and drove a truck. Later, during WWII, he worked in the Kaiser Shipyards in Long Beach, CA, wiring ships. His premedical education was at Loma Linda University College of Arts and Sciences in Riverside, CA, where he received a B.S. in 1945.

He chose a career in medicine and enrolled in an accelerated premedical program at La Sierra College, working as a laboratory assistant to cover school expenses. Later, he was

accepted into an accelerated program at the College of Medical Evangelists. While attending school, he continued to work in the shipyards during school vacations. Like other medical students at this time, he was eventually inducted into the Army.

Dr. Judkins married Loma Linda student nurse Eileen Cobb. A one-year internship at Loma Linda Hospital (1946-1947) was followed by special training in urology and an appointment to the staff. He graduated from Loma Linda University School of Medicine in 1947.

After a war-time appointment to the Urology Section of the 28<sup>th</sup> General Hospital in Osaka, Japan, he and Eileen moved to Sumas, WA, a rural town near the Canadian border, where he started a family practice. Eventually they returned to California to begin a new family practice in Antioch, CA.

In 1961, at nearly 40 years of age, Dr. Judkins decided to make a career change that brought him to the University of Oregon Medical School as a resident in radiology. After a year as a fellow in cardiovascular radiology under Dr. Charles Dotter, Judkins went on to become Director of Cardiovascular Radiology for the UOMS Hospitals and Clinics as well as professor of radiology in the Medical School. He held both positions until 1970, when he returned to Loma Linda. While at UOMS, he introduced the Judkins technique of selective percutaneous transfemoral coronary arteriography, a technique which has been used worldwide.

Judkins was a member of the American College of Radiology, the California Radiological Society, Inland Radiological Society of North America, American Roentgen Ray Society, North American Society for Cardiac Radiology, Association of University Radiologists, Society of Chairmen of Academic Radiology Departments, American College of Cardiology, American Heart Association, Council on Cardiovascular Radiology, San Bernardino County Heart Association, American Academy of Family Practice, American Medical Association, California Medical Association, San Bernardino County Medical Association, the Society for Cardiac Angiography, and the Society of Thoracic Radiology. Besides his many memberships, he was an officer in several national organizations and served on many national committees; he was a member of honor societies and a recipient of numerous awards. Dr. Judkins was a prolific writer and published over 160 articles, monographs, book chapters and major scientific exhibits.

Dr. Judkins died January 28, 1985.

**Scope and Content Description:**

The collection consists of correspondence, patient files, exhibits, glass lantern slides, coronary photo prints, films, artifacts, art work and publications. See detailed description of collection for more details.

**Arrangement:**

The collection is generally arranged by format type. Within this format the materials are further arranged chronologically then alphabetically.

## **ADMINISTRATIVE INFORMATION:**

### **Acquisition Information**

Eileen Judkins, Loma Linda, CA.

Mrs. Judkins donated the materials beginning in May 2003.

### **Processing Note**

Materials have not been fully arranged and described. It is currently in process.

### **Separated Materials**

Larger exhibit materials and posters are stored in the flat file drawers 9 and 10.

## **CONDITIONS GOVERNING ACCESS AND USE**

### **Restrictions on Access**

The collection is open to the public.

### **Technical Access**

Films, exhibits, and slides, require various forms of light equipment for viewing and/or AV equipment. See inventory for details.

### **Conditions Governing Reproduction and Use**

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### **Preferred Citation**

Melvin P. Judkins Papers, 2005-022, Oregon Health & Science University Historical Collections & Archives

## **ACQUISITION AND APPRAISAL**

## **RELATED MATERIALS**

Boucek, Robert J., Azorides R. Morales, Renzo Romanelli, Melvin P. Judkins. *Coronary artery disease: pathologic and clinical assessment*. Williams and Wilkins: Baltimore, Maryland, 1984. OHSU Library, WG300 C8208 1984

Bristow, J. David. *An outline of OHSU Cardiology: from earlier years to 1975: (to the best of JDB's memory)*. PNW Archives, W19 B861o 1997

Geddes, Leslie A. and LaNelle E. Geddes. *The Catheter Introducers.*; contributing editors, Michael Boo, Bob Drake, Susan Yoder. Chicago: Mobium Press, c1993. OHSU Library, WZ112 G295c 1993

Greene, Jan and Otha Linton. *The History of the Dotter Interventional Institute: 1990-2005*. Portland, Oregon. PNW Archives, WG28.AO7 G811h 2005

Biographical Files  
Historical Image Collection  
Subject Files

## NOTES

None

## SUBJECTS

This collection is indexed under the following headings in the online catalog. Researchers desiring materials about related topics, persons, or places should search the catalog using these headings.

Judkins, Melvin P.  
Dotter, Charles T.  
University of Oregon Medical School. Dept. of Radiology  
University of Oregon Medical School. Hospitals and Clinics  
Radiology, Interventional  
Angiography  
Catheterization

## DETAILED DESCRIPTION OF THE COLLECTION

This is a preliminary inventory of the collection only

### Box/Folder

- |     |                     |  |
|-----|---------------------|--|
| 1/1 | Articles            | <p>“Simplified Selective Femorocerebral Angiography”, by V. C. Hinck, M.D., M. P. Judkins, M.D., and H. D. Paxton, M.D. <i>Radiology</i>, V. 89 No. 6 p. 2048-1052, Dec. 1967.</p> <p>“A Recent Advance in Cerebral Angiographic Technique”, by V. C. Hinck, M.D., M. P. Judkins, M.D. <i>GP</i>, V 39 May 1969.<br/>This includes a brief biography of V. C. Hinck.</p> |
| 1/2 | List                | Publications, Papers, and Major Scientific Exhibits  |
| 1/3 | Exhibit “Hand-outs” | Superselective Visceral Angiography; Stella and Charles Guttman Institute for Vascular Research through Radiology, University of Oregon Medical School   |

M. P. Judkins, M.D.  
Gerald S. Green, M.D.  
William Hebart, M.D.  
P. E. Billimoria, M.D.  
Charles T. Dotter, M.D.  
Exhibit demonstrates the Selective Visceral Angiography is no longer adequate.

1/4 Inventories

**Personal Files – 4 boxes**

Correspondence  
University appointment  
Curriculum vitae  
Publications  
Original manuscripts  
Illustrations  
Coronary patient lists

**Exhibits**

Consists of panels of various sizes covered in clear acrylic sheets. Some have been refurbished. All panels are approximately ¼” thick. Created in 1967-1969

**Selective Coronary Arteriography**

10 panels - 17-¼” h x 14-¼” w  
3 panels need to be displayed on a light source such as an x-ray view box

**Selective Coronary Arteriography**

2 panels note: part of title missing  
-title panel – 39” h x 16” w, does not need light source  
-technique panel – 39” h x 34-½” w, does need light source

**Collateral Coronary Pathways**

11 panels – 17-¼” h x 14-¼” w  
9 panels (one is double wide) - to be displayed on light source (consists of actual coronary x-ray films)  
2 panels – text, does not need to be displayed on light source

**“Angiographers Approach to Selective Coronary Study”**

2 panels [note: stored in Drawer 9 of flat file]

**Film: cinema, print and x-ray**

**Cine films - 1 box**

**35mm coronary cine films** [Showing these require a 35 mm projector]

**In reel cans**

Brown, Alan 41-01-46 [patient number?]: Coronary LV and graft - 8/15/1969 – see slides also

Carter, Ralph 36-35-00: Coronary and graft — 8/14/1969 – see slides also

Lavender, Allen P. 41-62-99 Coronary LV and SVG – 12/17/1969 – see slides also

Polley, Frank 41-65-25: Coronary LV and SVG – 12/17/1969 – see slides also

Richardson, Jean 41-20-84: Coronary and LV – 7/21/1969

### **No reel cans**

Horal, Robert 41-84-43 – see slides also

Turner, D. 41-45-58 – see slides also

Pigtail catheter – University of Oregon Medical School or Loma Linda

Visualization of graft – University of Oregon Medical School of Loma Linda

2 – labeled Loma Linda or University of Oregon Medical School

### **16mm coronary cine films**

#### **In reel cans**

Labeled Radiology Department of U of O Medical School: Return to M. P. Judkins (crossed out)

### **No reel cans**

Horal, Robert 41-84-43 – coronary LV and SVG - see slides and 35mm also

Coronary, LV and SVG's University of Oregon Medical School

### **8 mm. historical movie**

Showing Dr. Judkins technique as he performed it. Shown widely in Europe in the 1960's.

**Coronary Angiograms - Photo Prints - 7 boxes** - filed alphabetical by patient name

-Patients A-M – boxes 1-4

-Patients N-Z – boxes 5-7

**Coronary Serial Film – Angiograms - 22 boxes** - Alphabetical by patient name

Most envelopes contain the reports of the selective coronary angiograms. Many envelopes have hand written notations made by Dr. Judkins. Some films have hand written notations or drawings on the actual films made by

Dr. Judkins to referring physicians.

1966-68 – 12 boxes

3- A-D

3- E-K

3- L-R

3- S-Z

1969-70 - 10 boxes

3 – A-E

- 3 – F-K
- 3 – L-R
- 3 – S-Z [note: these also contain Oregon patients after Dr. Judkins went to Loma Linda]

**General radiology items – 1 box**

- ANSCO Pelvimetry calculator
- Anatomical radiology charts: evaluating spinal canal widths in children and adults: produced by Medical Research Foundation of Oregon ca. 1961. J. B. Haworth and George Wikeller
- Prints of cut films: University of Oregon Medical School research on contrast agents: Winthrop Isopaque Study, 1969
- Publication prints for *American Journal of Radiology* by Boijesen Williams and Judkins, when MPJ was a research fellow at the University of Lund, Sweden, 1965.
- Publication prints for *American Journal of Radiology*, “Angiography of Pheochromocytoma”, by Melvin Paul Judkins, when MPJ was a research fellow at the University of Lund, Sweden, September 1966.
- Film judged to be noteworthy cases by Judkins - 7 folders
- Film: 12 cases - Renal and adrenal angiograms selected for lantern slides, 1968, 1969-70 – 1 folder
- Chart: Diagnostic Coding Radiographs – circa 1960’s

**Art Work – 1 box**

- Transparency film and paper drawings by Dr. Charles T. Dotter, M.D. - 14” x 17” and smaller
- Original drawings, University of Oregon Medical School by J. C Scholle: Judkins Coronary Technique, 1968 contains negatives and reprint of article
- Original drawings, University of Oregon Medical School by J. C. Scholle Coronary Angiography Technique for *Radiology*, November 1967 – contains reprint of article
- Original half tone drawings of heart by Clarice Ashworth Francone, medical illustrator, University of Oregon Medical School circa 1960’s– with overlay done at Loma Linda University – 2 drawings

**Lantern Slides 1400 4” x 3 ¼” - 13 boxes**

600 are mounted in VPD sheets, 6 slides per/sheet.  
704 are in slide boxes

**Box**

1

- Lecture: Dilatation by Jim Simmons of Loma Linda from Oregon
- Coronary Selective Angiography bypass and Vineberg
- Visceral Angiography
- Supersselective for lecture

2

-Titles

-Texts

-Patients

3

-Oregon Angiography labs – color

-Judkins Coronary Technique – includes Oregon Coronary Cath labs

-Angiography equipment for coronary angiography

4

-Coronary Selective Angiography

-Post vascularization

5

-Renal

6

-Liver, pancreas, bowel, etc.

7

-Superselective – 1, 2, 3

8

-Original lecture – 1963

9

-unidentified

10

-Coronary surgery #4

11

-Coronary catheter technique

-Coronary filming technique

-unidentified

12

-unidentified

13

-unidentified

**Wood slide carrying case - 67 slides**

[note: Some of these are plastic and hand lettered by Dr. Judkins]

**Artifacts – 4 boxes**

- Plastic Impregnated human heart

- Crystal Ball

- Human aorta with coronary vessels (vinyl cast) in case

- Preserved cobra in strike mode: carried from India by Dr. P.E. Billimoria

Part of exhibit: Superselective Visceral Angiography

- Wires and miscellaneous items

Shaping wires

Roll of wire

Piano wires

Syringes

## Miscellaneous adaptors

### **Awards and Plaques - 1 box**

#### Perm plaques

- American Board of Radiology, 1967
- Fellow – American College of Cardiology
- Oregon Heart Association – Certificate of Merit, May 28, 1970
- State of Oregon, Board of Medical Examiners

#### Paper

- AUR – Association of University Radiologists, May 9, 1969
- ICHHD – Citation for Distinguished Service 1968-1971
- Heart House Founder – A. College Cardiology

#### Bronze Plaque

- William Conrad Roentgen 1845-1923

### **Posters – stored in drawer 9 of flat file**

- Chart: Intracerebral Circulation – Berton C. Bean, M.D., Department of Radiology: Buffalo General Hospital: Buffalo, New York
- Skeletal Maturation – R. Hugo MacKay M.B. B.S. DMRD, Department of Radiology, University college Hospital: London England – 2 copies
- Ilio-Pelvic Abdomino-Aortic Lymphatic Structures – David L. Benninghoff, M.D., Peter G. Herman, M.D., Department of Radiology, State University of New York, Downstate Medical Center: Brooklyn, New York
- The World of Cardiology – A History of Innovation Serving Life – 2 copies