

FSC-34, Dorothy Brower, Medical Illustrator, Collection

Collection Number: FSC-34

Title: Dorothy Brower, Medical Illustrator, Collection

Dates: 1925-1991

Summary/Abstract: The collection consists of Dorothy Brower's sketches and finished artwork as well as medical and non-medical photography, correspondence, non-medical artwork, publications by and about Ms. Brower, reference materials, and medical sculptures.

Quantity/Physical Description: 13 lin. ft.

Repository:

Special Collections and Archives, Paul Laurence Dunbar Library, Wright State University, Dayton, OH 45435-001, (937) 775-2092

Restrictions on Access:

There are no restrictions on accessing material in this collection.

Restrictions on Use:

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Preferred Citation:

(Box Number, Folder Number), FSC-34, Dorothy Brower, Medical Illustrator, Collection, Special Collections and Archives, University Libraries, Wright State University, Dayton, Ohio

Acquisition:

This collection was acquired in August 1990 from Robert Brower.

Processed by:

Laura C. Williams, Fall 1992 – Winter 1993

Processing Information:

The Dorothy Brower Collection of Medical Illustrations arrived at the Fordham Health Sciences Library with little or no original order apparent. The collection contained sketches and finished artwork, photographs, negatives, transparencies, various forms of slides, newsletters, newspaper clippings, journals, correspondence, and miscellaneous other materials.

The medical drawings were dealt with first. They comprised the bulk of the material in the collection. Most drawings were on a sort of tracing paper. Some were brittle, but most were well preserved. Problems arose with the images drawn. Dorothy Brower used charcoal pencil in many cases. It was decided that for every drawing which there was a threat that the image would

smear, a photocopy on acid-free paper would be made. The copies also served as interleaving for those drawings. All artwork was interleaved with either acid-free paper or tissue.

All drawings were organized by subject as much as possible, which proved challenging as similar drawings were spread out over the entire collection and many were unlabeled. Eventually most drawings were able to be identified or grouped together under likely headings. Within the medical art folders themselves, there is little order as most sketches were not numbered.

Books and journals were cataloged into the library's collections, while reference materials recognized as being used for Miss Brower's artwork were kept with the collection. Newspaper clippings were photocopied. All artwork and sculptures were protected by appropriate means of storage.

Biographical/Historical Note:

Dorothy Brower was born in East Orange, New Jersey, on September 10, 1900. As a member of a socially prominent family, she was able to attend private schools and to associate with other prominent people such as President Grover Cleveland's family, politicians, diplomats, explorers, and others.

Dorothy Brower had an interest in art from an early age. She chose not to attend a finishing school, but to pursue an art career by attending the Fawcett Academy of Art in Newark, New Jersey. She also attended Columbia University and New York University, taking courses in art and in practice and theory in teaching art.

Miss Brower applied to the Johns Hopkins University's Department of Art as Applied to Medicine to be taught by the famous German medical illustrator Max Brödel (1870-1941). "Out of a thousand applicants, [Max Brödel] would interview a hundred. And out of a hundred, only ten would be accepted. You had to be a college graduate and have art training. Out of the ten, he chose three. I was one of the three" (Clem Hamilton, "Artist Draws on Colorful Memories of her Career: Interesting People, Events Dot 86 Years," *Dayton Daily News*, 23 November 1986, pp. 1 and 11).

Max Brödel, known as the father of medical illustration, was a demanding instructor. He required his students to master human anatomy. Over a three year period, from 1927 to 1930, Miss Brower dissected three cadavers: an adult male, an adult female, and an infant. It was necessary for the medical artist to have a thorough knowledge of the human body. During surgery, the artist had to be able to accurately sketch what was happening even when body parts were completely covered by blood. Accuracy was important because it could mean life or death for the patient. Sketches were superior to photographs in that where photographs would show only a mass of blood, the sketch could suggest what was happening under the surgeon's knife.

After graduating from Johns Hopkins University in 1930, Dorothy Brower spent the next ten years, from 1931 to 1941, working as a free-lance medical illustrator. In 1942, she was hired to be the Staff Medical Artist for the Jackson Clinic in Madison, Wisconsin. "I was there ten years. I had charge of medical illustration and also was in charge of all the medical exhibits at the

American Medical Association conventions. We won all kinds of awards. We were competing with the Mayo Clinic, the Lahey Clinic, and the Cleveland Clinic” (Eileen Hawlk, “Former Wright-Pat Artists Also part of Medical World,” *Dayton Daily News*, 22 May 1981). While at the Jackson Clinic, Miss Brower was encouraged to learn medical sculpture. Medical sculpture provided medical students and doctors with a three dimensional representation of an operative procedure. She received instruction in the methods and techniques of Surgical Wax Sculpture from the Mayo Clinic. At the time, she was one of only about five others in the United States who could do medical sculpture. Miss Brower also received instruction in Medical Photography at the University of Wisconsin.

In January 1952, the Jackson Clinic reorganized. Due to temporary financial problems, they had to eliminate several departments, including the Medical Art department.

In September 1952, Dorothy Brower began employment as the Scientific Medical Illustrator at the Veterans Administration Hospital in Indianapolis, Indiana. After three years, she was transferred to Wright-Patterson Air Force Base where she was made the Scientific Medical Illustrator for the Aerospace Medical Laboratory. Considered top secret at the time, her work consisted of comparing the animal sent into space with human beings. She worked to help prepare the astronauts for manned space flight. In 1964, Miss Brower left Wright-Patterson Air Force Base to become a free-lance illustrator before retiring around 1972 to do her own painting.

Throughout her medical illustration career, Dorothy Brower’s artwork was used to teach; to illustrate journal, magazine, or technical bulletin articles; and to illustrate books. Her work also appeared in museum exhibits at the Jackson Clinic, and in conventions where it won many awards.

Dorothy Brower was admitted as a member of the Association of Medical Illustrators in 1964. She was also a member of the Association of Painters and Sculptors in Dayton, Ohio, and of Arts Center Dayton as a free-lance medical illustrator.

Dorothy Brower passed away on January 7, 1992, at the age of ninety-one. She had been living at Heartland of Beavercreek, a nursing facility near Dayton, Ohio.

(This biographical sketch was written by Laura C. Williams. For additional information, please also see William Henry Young, “Dorothy Brower: Medical Illustrator/Sculptor,” *Dayton Medicine* January 1987: 30-31.)

Scope and Content:

Spanning the years 1925 – 1991, the medical illustrations, sculptures, and records of Dorothy Brower provide a rare opportunity for the researcher to view medical art from preliminary sketches to impressive finished products. The collection contains a variety of artwork including sketches on tracing paper or sketch pad paper, drawings rendered in charcoal, pen and ink, watercolor, half-tone, wash, combined line and half-tone, and on Ross board and Scratch board. The collection also contains medical sculpture in plaster cast and wax moulage. There are also many photographs and slides in the collection. The materials in the collection are arranged into eleven series.

Series I, Medical Art, is the most extensive series. It contains much of Dorothy Brower's drawn artwork from throughout her career. The series is loosely arranged by subject, grouping areas of the body together as much as possible. However, there were many drawings that did not fit into this arrangement.

Series II, Non-Medical Art, contains recreational artwork or artwork that was not medical in nature.

Series III, Medical Photography, contains color and black and white photographs and negatives, regular slides, glass slides, and transparencies of medical specimens, treatments, condition, and patients. Miss Brower also frequently took photographs or slides of her finished artwork. Photographs of her medical exhibits are also included in this series.

Series IV, Non-Medical Photography, contains photographs and negatives of colleagues, friends, and places of employment.

Series V, Correspondence, contains a letter written to Dorothy Brower from Max Brödel. It also contains letters written by her as she sought employment after leaving the Jackson Clinic in 1952.

Series VI, Publications, contain writings by Dorothy Brower that have been published in various bulletins, journals, and magazines. The series also includes some writings by others for whom she has illustrated.

Series VII, Personal, contains personal photographs as well as newspaper clippings or articles written about Dorothy Brower.

Series VIII, Association of Medical Illustrators, contains records concerning Dorothy Brower's involvement with the organization. These records span from 1947 to 1970 and include the Association's constitution and bylaws, newsletter, and reports from Miss Brower's trips to A.M.I. conventions.

Series IX, Miscellaneous, contains a large and varied amount of material. The researcher will note that the first two listings in the series are listed as being in Box 14. The items were oversized and were placed in an oversized container. The rest of the material is found in Boxes 23 and 24. The researcher will also note that the series is loosely arranged by subject. Again, an attempt was made to group similar subjects together.

Series X, Reference Material, contains magazines, journals, and examples of commercial medical art that were obviously used by Dorothy Brower as reference materials as she prepared her various drawings.

Series XI, Medical Sculpture, contains some examples of wax moulage and plaster cast. The sculptures are quite fragile in most cases and great care should be taken when removing them from their containers and wrappings. The rabbit pelvis bones in Box 30 are especially fragile.

The Thyroidectomy – Step One: Cervical Nerve Block wax moulage found in Box 27 is the first head from her Thyroidectomy exhibit. Photographs of this exhibit can be found in Series III.

Collection Inventory

Series I Medical Art

<u>Box</u>	<u>File</u>	<u>Description</u>	<u>Date</u>
1	1	Human Figure Layouts	
	2	Human Figure Layouts	
	3	Human Figure Layouts	
	4	Human Anatomy – Charts and Drawings	
	5	Layouts and finished product for internal organ diagrams	
	6	Weightlessness layouts	
	7	Layouts of normal and obese women	
	8	Comparison of human and ape skeletal systems	
	9	Animal figure layouts	
	10	Hamster anatomy - skull and torso	
	11	Dog anatomy	
	12	Dog dissection	
	13	Dog dissection	
	14	Upper respiratory and lungs	
	15	Human abdomen and thorax	
	16	Abdominal and thoracic viscera anatomy – transparencies	
	17	Abdominal viscera	
	18	Female pelvic area and anomalies	
	19	Diseases of the uterus	
	20	Gynecological anatomy – “a study – for lecture”	
	21	Gynecological sketches	
	22	Gynecological sketches	
	23	Watkin’s Interpositional Operation	
	24	Birth: Action of the Intra-Abdominal Pressure in Augmenting Intra-Uterine Pressure.	
	25	Cesarean section followed by abdominal hysterectomy	
	26	Kidney	
	27	Kidney anomaly	
	28	Layouts – diffuse lipomatosis: Neck- Upper Body	
	29	Ribcage	
	30	Repair of skull fracture using ribs	
2	1	Mediastinotomy – Dr. Arnold Jackson	

2	Scalenus Anticus Syndrome	
3	Human carotid artery and sinus	
4	Nose, throat, and mouth	
5	Eye	
6	Nerve cells	
7	Hand signals for surgery	
8	Maxillary sinus	
9	Surgical Steps in Removal of a Tumor in Sub- Maxillary Gland.	Feb. 28, 1947
10	Rat – sub-maxillary gland	
11	Instrument sketches	
12	Thyroidectomy drawings – by other artists	
13	Thyroidectomy technique	
14	Cells	
15	Hand surgery	
16	“Surgical Technique” – intestines	
17	Chronic pyloric ulcer	
18	Anesthesia, incision, and anatomy of scrotum	
19	Posterior excision of seminal vesicles, Dr. Ewell	
20	Pilonidal Cyst: incision, stiches, etc., for Dr. Ewell	Feb. 10, 1948
21	Inserting of needle and tube in arm to draw blood	
22	Amputation drawings for Dr. Sterling	
23	Amputation drawings for Dr. Sterling	
24	Varicose veins	
25	High ligation of saphenous vein, sketches used for wax models (varicose veins)	
26	Varicose veins – post-operative and results	
27	Varicose veins – special diagnostic tests, notations for seven kodachromes	
28	Varicose veins – outline for exhibit	
29	Portal vein	
3	1 Seeler’s Resuscitator	
	2 Seeler’s Resuscitator	
	3 Drawings showing some kind of manual resuscitation	
	4 Thyroglossal cyst	
	5 Cancer of the tongue: Surgical technique sketched in operating room	
	6 Macroglossia, Dr. Shafer – Surgeon	
	7 Macroglossia, Dr. Shafer – Surgeon	
	8 Macroglossia, Dr. Shafer – Surgeon	
	9 Macroglossia, Dr. Shafer – Surgeon	
	10 Anthropology drawings	
	11 Anthropology	
	12 Interlocking twins (published in the Jackson Clinic	

- Bulletin)
- 13 “Surgical Relief of Otosclerotic Deafness”
 - 14 “Surgical Relief of Otosclerotic Deafness”
 - 15 Ear operation drawings for Dr. Soifer, Stapes
Operation
 - 16 Illustrations of new esophagus operation – steps 1-7
 - 17 Illustrations of new esophagus operation – step 8
 - 18 Illustrations of new esophagus operation – layouts –
diaphragm – abdomen
 - 19 Types of plasmodium vivax found in the malaria
smear
 - 20 Intra-abdominal injury without evidence of external
violence
 - 21 Embryologic development of the genital organs
 - 22 Cleft palate
- 4
- 1 Pelvis
 - 2 Pelvis – vibration/impact
 - 3 Pelvic tumor – resection of bowel
 - 4 Frog – pelvic girdle and hind limb
 - 5 Gall bladder
 - 6 Gall bladder
 - 7 Gall bladder operation – Dr. Shonyo
 - 8 Surgical operation of gall bladder
 - 9 Gall bladder exhibit
 - 10 Goiter exhibit: Surgical steps for wax models
 - 11 Goiter exhibit – surgical notations
 - 12 Administration of nose drops
 - 13 Appendix exhibit notes
 - 14 Transarticular pin fixation in fracture dislocations of
the ankle – Dr. Gallagher, Case 121495
 - 15 Intramedullary pin fixation of common fractures.
Radius – ulna – clavicle – ankle – knee. Outline for
exhibit
 - 16 Transarticular pin fixation of ankle – sketches
 - 17 Intra-medullary transarticular pin fixation of the
ankle – exhibit
 - 18 Intra-medullary pin fixation of the clavicle, surgical
steps 1-8
 - 19 Intra-medullary pin fixation – clavicle exhibit case
cutouts
 - 20 Intra-medullary fixation of common fractures –
exhibit notes
 - 21 Intra-medullary fixation of common fractures –
exhibit cases – layouts
 - 22 Ankle exhibit – cutouts, notation, x-rays

- 23 Bones of the foot
- 24 Perforating ulcer of the foot
- 25 Cancer of the breast
- 26 Cancer of the breast – exhibit case 1
- 27 Exhibit: Cancer of the Breast – outline for American
Medical Association
- 28 Mastectomy
- 29 Cancer of the stomach
- 30 Meckel’s diverticulum perforation. Drawings for Dr. June 1947
J.W. McRoberts, includes pertinent correspondence
- 31 Meckel’s diverticulum – for Dr. Bruskewitz
- 32 Meckel’s diverticulum
- 33 Layouts – colonoscopy
- 34 Intervertebral disc herniation – outline for exhibit
- 35 Intervertebral disc herniation – notations for case II
– conservative treatment
- 36 Herniated lipoma of back

- 5 1 Lungs
- 2 Heart layouts for wax model in the Tower of Health
- 3 Heart drawings
- 4 Heart drawings
- 5 Heart drawings
- 6 Thoracic and heart
- 7 Blood circulation – man (for MRASV – project
040A-57046).
- 8 Circulation through the stria vascularis
- 9 Comparison of human and dog heart and circulation
- 10 Dog’s heart and lungs
- 11 Skull and brain
- 12 Brain – subdural calcification (V.A. Hospital)
- 13 Brain – transparency
- 14 Brain – transparency
- 15 Brain – arteries
- 16 Brain and Pons layouts
- 17 Brain – head, skull, pons, cervical vertebrae –
Sagittal section
- 18 Brain and head
- 19 Brain layouts
- 20 Infant’s brain – half-tone drawing
- 21 Brain layouts – animals (cats, dogs, monkeys, rats)
- 22 Monkey brain
- 23 Cat’s brain
- 24 Cat’s brain
- 25 Cat’s brain – electrode experiments
- 26 Brain – vision

- 27 Brain and vision – transparencies
- 28 Brain and ear
- 29 Brain and ear – transparencies
- 30 Ear – bioacoustics

- 6 1 Guinea pig ear – cochlear physiology and response studies
- 2 Guinea pig ear – cochlear physiology and response studies
- 3 Rat’s ear – cochlear physiology and response studies
- 4 “Acceleration in Flight.” Illustrations for a paper
- 5 Displacement of heart during acceleration
- 6 Acceleration inertial vector (on ribcage)
- 7 Research on animals for tests in preparing the astronauts for space
- 8 Hamster acceleration studies
- 9 Hamster acceleration studies
- 10 Rabbit acceleration studies
- 11 Rabbit acceleration and impact studies – impact, zero G.
- 12 Cat acceleration studies
- 13 Rat acceleration studies
- 14 Rats – biothermal tests
- 15 Guinea pig viscera –thoracic and abdominal
- 16 Transparencies of cat arteries and veins and organs (for MRASV – Project 040A – 57046)
- 17 Cat – carotid artery
- 18 Cat’s ear – cochlear physiology and response studies
- 19 Cat’s heart
- 20 Celiac axis of a rabbit
- 21 Appendix – drawings for Dr. Arnold Jackson’s book
- 22 Unidentified facial surgery
- 23 Unidentified drawings for Dr. Sterling
- 24 Insect drawing – depicting morphological classification
- 25 Miscellaneous
- 26 Unidentified tumor – pen and ink
- 27 Unidentified drawings

- 7 1 Human figure layouts
- 2 Human figure layouts / anthropology
- 3 Human figure layouts / anthropology
- 4 Anthropology and drawings done for WADC-TR Feb. 1957
56-364, “Linear distance Changes Over Body Joints”
- 5 Anthropology and drawings done for WADC-TR Feb. 1957

56-364, "Linear Distance Changes Over Body Joints"

- | | | | |
|----|----|--|-----------|
| 8 | 1 | Fractured skull to be built up with ribs | |
| | 2 | Treatment of diverticulum of the esophagus – by Charles Mayo, from the Annals of Surgery | Mar. 1923 |
| | 3 | Kidney | |
| | 4 | Proctoscopic exam | |
| | 5 | Various drawings based on laryngectomy | |
| | 6 | Head, face, mouth | |
| | 7 | Stomach and intestine | |
| | 8 | Spinal column | |
| | 9 | Spinal tap | |
| | 10 | Hand / arm | |
| | 11 | Leg | |
| | 12 | Neck, abdominal viscera, and ribs | |
| | 13 | Male anatomy | |
| | 14 | Ulcerative colitis | |
| | 15 | Empyema closed aspiration drainage | |
| | 16 | Unidentified dorsal rib surgery | |
| | 17 | Unidentified drawings | |
| 9 | 1 | Animal figure layouts | |
| | 2 | Guinea pig ear – cochlear physiology and response studies | |
| | 3 | Series of cat anatomy | |
| | 4 | Cat arteries and veins | |
| | 5 | Comparison of intestines of cat and human embryo | |
| | 6 | Neck dissection – human, cat, dog | |
| | 7 | Comparison of Oesophagus and trachea in cat and man | |
| | 8 | Comparison of human pelvis and rabbit pelvis | |
| | 9 | Unidentified cat experiment | |
| | 10 | Acceleration in flight | |
| | 11 | Heart and lungs: G tests | |
| | 12 | Heart and lungs: G tests – dog, cat, rabbit | |
| | 13 | Acceleration studies – rabbit | |
| | 14 | Rabbit's pelvis: Normal and impact | |
| | 15 | X-ray of rabbit, for acceleration studies, retroperitoneal | |
| 10 | 1 | Unidentified drawings | |
| 11 | 1 | Diseased kidney: Half-tone drawing | |
| | 2 | Bones of the Foot: Half-tone drawing | |
| | 3 | Human pelvis: charcoal drawing | |

- 4 Fetal growth and birth
- 5 Physical development stages of infants
- 6 Female anatomy: Uterine placement
- 7 Skeletal structure of Human male and female
- 8 Cesarean section followed by abdominal hysterectomy
- 9 Unidentified IV procedure
- 10 Miscellaneous
- 11 Miscellaneous Oversized Drawings

- 12 1 Lecture poster for heart
- 2 Bullet paths from Presidents Lincoln and Garfield
- 3 Cancer of the stomach: half-tone drawing
- 4 Tract of portal vein
- 5 Rectoscopic exam
- 6 Ankle fractures: a new position for reduction
- 7 Thoracic duct
- 8 Empyema closed aspiration drainage
- 9 Anatomy of varicose veins
- 10 Dissecting cadaver drawings
- 11 Cat's brain with electrode inserted
- 12 Comparative pathology of animals, applied to human body if in flight at G-9
- 13 Comparative anatomy – dog, cat, rabbit, human

Series II Non-Medical Art

- 13 1 Jackson Clinic
- 2 View from Methodist Hospital Laboratory Window May 16, 1944
- 3 Drawings from Dr. Arnold's (Jackson) Lecture Mar. 1947
- 4 Medical caricature of the head
- 5 USAF cost reduction symbol competition
- 6 Emblem for National Association of Clinic Managers
- 7 Emblems and related correspondence
- 8 Cartoons and sketches of people
- 9 "Christmas Party Drawings" Jackson Clinic – Methodist Hospital
- 10 "Medical Art Dept." sign
- 11 Various signs
- 12 Artwork – stroke practice
- 13 The Prize Ox – Tuftonboro Fair, New Hampshire
- 14 A Connecticut Garden
- 15 Sketches from Chile
- 16 Watercolor
- 17 Tempera painting

- 18 Miscellaneous
- 19 Miscellaneous
- 14 1 Head study
- 2 Illustrations for Dr. Arnold Jackson's book
- 3 Miscellaneous
- 4 Miscellaneous

Series III: Medical Photography

- 15 1 Anatomic woman
- 2 Autopsy – chronic leukemia, enlargement of spleen and liver
- 3 Intervertebral disc herniation – reference photos
- 4 Rhinopoma
- 5 Skin condition
- 6 Alopecia universalis
- 7 Centrifuge – human
- 8 Skull x-rays and hemangioma
- 9 Man struck by lightning
- 10 The Growth of a Baby before Birth
- 11 “Films of Embryos for Exhibit in ‘Tower’. Taken by D. Brower for publication”
- 12 Bulletin drawings – surgical steps in cesarean section followed by abdominal hysterectomy
- 13 Baby and placenta
- 14 Full term baby born in tumor of the uterus
- 15 Baby and placenta (stillborn?) Leg over umbilical cord
- 16 Baby with birth defects Jan. 31, 1944
- 17 Photos of unidentified babies
- 18 Kidney
- 19 Specimens of cystic kidney and heart
- 20 Appendix
- 21 Resection of colon – caecum, ileum, and appendix
- 22 Anomaly of vena cava
- 23 Cretins at Saint Coletta School
- 24 Cretin
- 25 Little boy in wheelchair
- 26 Burn contractures: hands
- 27 Meckel's diverticulum
- 28 Removal of left testicle
- 29 Right undescended testicle – tumor mass
- 30 Cancer of the rectum
- 31 Specimen photographs and slides: cancers of the

- stomach and rectum
- 32 Photo of specimen made into a wax model
- 16a 1 Thyroglossal duct cyst – specimen
 2 Complete gastrectomy
 3 Tumor of paratoid gland
 4 Uterine fibroid – wax model
 5 Varicose veins
 6 Varicose veins – slides
 7 Varicose veins – post-operative end results. At time of ligation and three weeks after ligation
 8 Transparencies of patients with thyroid problems
 9 Women with thyroid problems
 10 Non-toxic adenoma of the thyroid
 11 Thyroid – goiter Mrs. Dobson
 12 Thyroid – goiter Photos and slides of young girl with goiter
 13 Thyroid – goiter “Mrs. Barr – after treatment” #143-731
 14 Thyroid patients – unidentified
 15 Photographs taken in the operating room: diverticulum, ulcer, and excision of Bartholin cyst
 16 “Dental Clinic – Reference Series” test of speed graphic camera with strobe flash
 17 Medical art technique
 18 Exhibits
 19 Exhibits
 20 Unidentified surgery
 21 Various medical subjects
 22 Miscellaneous
- 16b 1 Finished art – glass slides
 2 Finished art – glass slides
 3 Slides of finished artwork
 4 Alma – Badger #84188 “Lanitia Plastica” Jackson Apr. 18, 1941
 Clinic
 5 Unidentified specimens – slides
 6 Ciba slides
 7 Miscellaneous glass slides

Series IV: Non-Medical Photography

- 17 1 Eleanor and Marjorie
 2 Dr. Debus
 3 Dr. Debus, Mrs. Debus, and baby Mary

- 4 Dr. Lowell Edward Riller
5 Tully
6 Doris and Sally – negatives
7 Betty and family Jan. 13, 1944
8 Penny
9 Peggy Brower
10 Esther Williams
11 Dr. Scholes – negatives
12 Dr. Maresh
13 Dr. Knudsen
14 “Sally Littig and Son”
15 Mrs. Russel Jackson and baby Susan
16 Mae
17 “Dorothy’s Christmas Pictures” – negatives
18 Billy Gus (Boy in Boy Scout Uniform) – negative
19 Bill Moore
20 “Guy” – negative
21 “Mary Ann” – negatives
22 Opal – negative
23 V.A. Hospital – Indianapolis – photographs
24 Dr. Jackson with Dr. Jirasek and Dr. Plzak
25 Dr. Jackson
26 Jackson Clinic Doctors
27 Jackson Clinic Staff
28 Jackson Clinic Training School girls
29 Portraits of unidentified doctor from Jackson Clinic
30 Exhibit photo – Someone looking at varicose veins
exhibit
31 Men studying with microscopes
32 “Mrs. Arnold Jackson’s material for article” –
photographs
33 Portraits of unidentified girl
34 Portrait of family with baby
- 18 1 Wedding photo of Virginia Hueschen
2 Comical portraits of four men
3 Portraits of young man
4 Parade
5 Lake
6 Children
7 Unidentified photo negatives
8 Unidentified personal photographs
9 Unidentified photographs

Series V: Correspondence

19	1	Letter from Max Brödel	
	2	Johns Hopkins – about certificate for graduating in Art as Applied to Medicine	
	3	Job Search	1951-1952
	4	Dr. Caughey, Western Reserve University School of Medicine	1951-1952
	5	The Lahey Clinic, Boston, includes information on why employment at Jackson Clinic ended	1951-1952
	6	For positions at various institutions, especially the V.A. Hospital	
	7	Copies of letters and applications and where sent	
	8	Doctors Clinic, Cleveland, OH	1951-1952
	9	Letter of Termination by the V.A. Hospital, Indianapolis	Sep. 9, 1955
	10	Applications and letters	1952
	11	Various	

Series VI: Publications

20	1	<i>Better Health</i>	
	2	<i>The Jackson Clinic Bulletin</i>	
	3	Chapters 1-7, Dr. Arnold Jackson's book, president of the International College of Surgeons	
	4	Chapters 9-13, Dr. Jackson's book	
	5	Chapters 14-15, Dr. Jackson's book, and artwork for book	
	6	Reference for Illustrations for Dr. Arnold Jackson's book	
	7	Appendix, drawn for Dr. Arnold Jackson's book	
	8	Illustrations for Dr. Arnold Jackson's book	
	9	"Medical Illustrating and the Physician or Surgeon," from <i>Medical Woman's Journal</i>	Nov. 1949
	10	"Examples of Drawings Etched on Copper and Zinc Plates for Publishing"	
	11	Article from <i>McCall's</i> , "A Woman and her 24 Doctors"	

Series VII: Personal

21	1	Dorothy Brower, newspaper clippings	
	2	Photographs	
	3	"Dorothy Brower: Medical Illustrator/Sculptor"	Jan. 1987

- article in *Dayton Medicine*
- 4 Pan American Union Interview of Dorothy Brower
- 5 Negatives and photos of Dr. Arnold Jackson's
granddaughter, taken at Dr. A. Jackson's
- 6 Negatives and photographs taken on Plus X – Leica
camera of Dorothy Brower and an unidentified
woman
- 7 Miscellaneous

Series VIII: Association of Medical Illustrators

- 22 1 Correspondence and application from Association of Medical Illustrators 1947
- 2 A.M.I. membership certificate Oct. 1964
- 3 Constitution and bylaws 1964-1968
- 4 Constitution and bylaws 1958-1970
- 5 Newsletter
- 6 Meetings, minutes, trip reports
- 7 Notice of acceptance to Association of Medical Illustrators
- 8 Miscellaneous

Series IX: Miscellaneous

- 14 5 Unidentified team photograph with Williams L. Brower, Jr.
- 6 Dorothy Brower's Palette
- 23 1 Max Brödel and other medical artists
- 2 Red Cross – Life Saving Corps Certificate Aug. 14, 1925
- 3 American Red Cross Certificate of Membership 1945
- 4 Essays and compositions
- 5 Outline for anatomy lectures
- 6 Report notes
- 7 Report notes
- 8 Supervisors Training Guide
- 9 Photography notes
- 10 Photography notes
- 11 Photography notes
- 12 Artist's notes
- 13 Position descriptions
- 14 Position descriptions and announcements for Civil Service Examinations for Illustrator
- 15 Work orders

16	Jackson Clinic etching		
17	Newspaper clippings – Dr. Arnold Jackson and the Jackson Clinic		
18	Inventory – Medical Art Department, Jackson Clinic		
19	“Elizabeth’s Medical Vocabulary” – used at the Jackson Clinic		
20	Tower of Health		
21	Gall bladder exhibit guide		
22	Moulage instructions		
23	Examination and job announcements for Medical Illustration		
24	Information on medical illustration and illustrators		
25	Program for State Medical Society of Wisconsin, Annual Meeting	1948	
26	“Careers” Program	Feb. 25-27, 1952	
27	Medical Writers’ Institute Program		
28	Official Program, State Medical Society of Wisconsin Annual meeting	1950	
29	Exhibit on fractures, scientific exhibit – AMA meeting	1963	
30	Dayton Society of Painters and Sculptors, telephone and address books		
31	American Medical Association Daily Bulletin	1947-1948	
32	V.A. Hospital employment folder material, attending physicians		
33	Veterans Administration Medical Illustration Conference, Indianapolis	Apr. 28-29, 1955	
34	Veterans Administration Technical Bulletin		
24	1	Air Research and Development Command Complex – WPAFB	
	2	Personnel – Physiology Division, WPAFB	Jul. 1963
	3	USAF – Certificate of Service	
	4	Aero Medical Laboratory, Wright Air Development Center, WPAFB	
	5	Statement of appreciation, acknowledgement of services, Aerospace Medical Research Lab	1958-1962
	6	Aerospace Medical Association Meeting, Atlantic City	1962
	7	Aerospace Medical Association Meeting, Los Angeles, CA	1963
	8	Scientific Exhibit program from A.M.A. Scientific Assembly	Jun. 9-13, 1947
	9	American Medical Association Convention, Atlantic City	1958-1963
	10	<i>The Daily Bulletin</i> A.M.A. Vol. 57, No. 2; Vol. 59	

- Nos. 1-5
- 11 *Cleveland Health Museum News*
- 12 *Art Center Dayton Newsletter*
- 13 *Dayton Civic Ballet News*
- 14 Dunbar High School – Prime Time Day, 1980
- 15 Unidentified Charts
- 16 Employment Pay Stubs (fed.gov't) life insurance form
- 25 1 *Visual Medicine* Mar. 1966
- 2 "Assessing Health Risks to Medical illustrators from Art Materials Usage." from *Journal of Biocommunication* Spring 1988
- 3 *Operative Procedure*
- 4 Biological Photographic Association – 26th Annual Meeting 1956
- 5 Pfizer Series of Anatomical and Pathological Transparencies: Segmental Anatomy of the Lung
- 6 Pfizer Series of Anatomical and Pathological Transparencies: Chronic Pulmonary Tuberculosis
- 7 "Photography During Otologic Microsurgery." 1960
- 8 *Medical Radiography and Photography*
- 9 *The Doctor as Photographer*
- 10 *Men Into Space*
- 11 *The Moon Age*
- 12 *Man on the Moon*

Series XI: Medical Sculpture

- 26 Ankle and Foot – Plaster Cast and Wax Sculpture
- 27 Thyroidectomy – Step One: Cervical Nerve Block. For the Jackson Clinic
- 28 1 Face – wax moulage model
- 2 Two diseases uteri – wax moulage model
- 29 1 Kidney – wax moulage model
- 2 Extra sculpting wax
- 30 1 Infant leg – wax moulage model
- 2 Appendix – cast
- 3 Rabbit pelvis bones