



## dart blowgun set

<https://mhc.andornot.com/en/permalink/artifact1309>

Accession Number: 997016019 a-d

Collection: [Desmond Collection](#)

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [Treatment, General](#)

MeSH Heading: [Injections, Subcutaneous -- instrumentation](#)  
[Anesthesiology, instrumentation](#)

Description: Handmade dart blowgun set, which includes (a) a blowpipe made of a hollow cylindrical tube of bamboo open at both ends; one end has an attached piece of cylindrical bamboo wood to form a mouthpiece; this is secured on with string and pitch; the outside of the blowpipe has a design made of strips of beige and black bamboo; these strips are woven around the outside of the pipe; (b) an accompanying basket made to hold darts for the blowpipe, made of woven strips of beige and black bamboo; the basket is cylindrical, closed at the bottom and open at the top with a slightly flaring lip; a bamboo handle goes from one top edge to the other; there is a piece of soft bamboo in the bottom into which darts can be stuck; (c,d) darts made to fit inside the blowgun; each dart is made from a small stick of black bamboo with a wad of cotton tied on the end with string; there is also a broken end of a third dart (not numbered)

Number Of Parts: 4

Part Names: a - blowpipe - Size: Length 46.2 cm. x Diam. 3.7 cm.  
b - dart basket - Size: Length 30.8 cm. x Diam. 4.4 cm.  
c - dart - Size: Length 25.1 cm x Diam. 1.1 cm  
d - dart - Size: Length 25.6 cm. x Diam. 1.0 cm.

Provenance: Owned by Dr. John Wilbur Desmond

Material: bamboo: beige; black  
fabric: white; off-white; green

Permanent Location: Storage Room 0010  
0010-D4-8

Condition Remarks: All pieces of the blowgun set were somewhat dusty when they arrived; the blowpipe and basket had been taped together with Scotch tape which deteriorated and left minor adhesive stains on the bamboo; the two darts appear to have been used and are both split at the ends; #2 no new damage

Copy Type: Original

Reference Types: JPG

Reference Comments: CD #1

Research Facts: The blowgun and darts demonstrate how curare was used by South American Indians to paralyze animals they were hunting for food; curare was put onto the ends of the dart and would cause muscle paralysis when the darts were shot into the animal; the ability of curare to paralyse was turned to anaesthesia and surgery -- especially with chest surgery, etc., where they didn't want the patient moving at all; a ventilator was used to keep the patient from asphyxiating

Exhibit History: On exhibit in Museum gallery, Anaesthesia exhibit - Nov. 13, 1997-Nov. 2, 2001; returned to storage on Dec. 17, 2001

Images

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## dissecting forceps

<https://mhc.andornot.com/en/permalink/artifact1333>

Accession Number: 997016043  
Collection: [Desmond Collection](#)  
Category: [Diagnostic & Treatment Artifacts](#)  
Classification: [General Surgery](#)  
MeSH Heading: [Dissection, instrumentation](#)  
Description: Dissecting forceps which consist of a flat piece of brass folded in half to produce a handle and two blades; each blade has a tip which ends in a blunted point; the blades increase in width from the tips to the handle and curve outwards; they then curve inwards and decrease in size as they reach the end and the join  
Number Of Parts: 1  
Provenance: Owned by Dr. John Wilbur Desmond  
Material: metal: yellow  
Permanent Location: Storage Room 0010  
0010-F1-16  
Dimension Notes: Length: 10.2 cm. x Width: 1.3 cm. x Depth: 1.4 cm.  
Condition Remarks: The forceps arrived attached to a display board with glue gun adhesive; the metal shows minor wear and tarnishing; the fold at the end of the handle is cracked; #2: returned in same condition.  
Copy Type: Original  
Reference Types: Book  
JPG  
Reference Comments: Similar to the dissecting forceps illustrated in "Aloe's Illustrated and Priced Catalogue of Superior Surgical Instruments, Physicians' Supplies and Hospital Furnishings", sixth edition, published by A.S. Aloe Company, Inc., 1890's, p. 620 (see attached photocopy); CD #5  
Exhibit History: Bracken Library Exhibit "Boning Up on Anatomy"; Sept 9, 2002-Sept. 29, 2003

### Images

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## aspirator trocar

<https://mhc.andornot.com/en/permalink/artifact1340>

Accession Number: 997016050

Collection: [Desmond Collection](#)

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [Treatment, General](#)

MeSH Heading: [Drainage -- instrumentation](#)  
[Suction -- instrumentation](#)  
[MM= Catheterization -- paracentesis -- trocar](#)

Description: Aspirator trocar, which consists of a solid metal cylindrical shaft with a tip that is slightly larger in diameter and ends in a sharp point; the other end of the shaft has a round holding knob attached to it; there is also a cylindrical piece that fits around the main shaft and slides up and down between the end and the tip

Number Of Parts: 1

Provenance: Owned by Dr. John Wilbur Desmond

Material: metal: silver

Permanent Location: Storage Room 0010  
0010-D5-12

Dimension Notes: Length: 15.1 cm. x Diam. : 1.1 cm.

Condition Remarks: The trocar arrived attached to a display board with wire and glue gun adhesive; the metal shows minor wear and tarnishing, but no corrosion.

Copy Type: Original

Reference Types: Person  
Book

Reference Comments: Dr. John Desmond; "Illustrated Catalog of a Complete Line of Standard Surgical Instruments" by Codman & Shurtleff, 1920, p. 109 (see attached photocopy)



## sutures

<https://mhc.andornot.com/en/permalink/artifact3679>

Accession Number: 997016052 a-k

Collection: [Desmond Collection](#)

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [General Surgery](#)

MeSH Heading: [Ligation -- instrumentation](#)  
[Sutures](#)  
[MM= Ligation and Suture -- suture](#)

Description: Cardboard box with 10 sealed glass tubes of sutures; (a) the cardboard box is rectangular in shape and has a lid that comes off and is open at the front; the cardboard box is covered with printed paper that lists manufacturing information; there are 12 inner cardboard inserts that are rectangular and hollow and encase each glass tube of sutures in the box; (b-k) are 10 similar sealed glass tubes that contain kalmerid catgut sutures wrapped around a small flat piece of cardboard; the sutures are in a clear liquid; the sutures and liquid are sealed inside the tubes.

Number Of Parts: 11

Part Names: a - cardboard box - Size: Length 8.3 cm x Width 11.0 cm x Depth 2.9 cm  
 b - sutures - Size: Length 10.0 cm x Diam. 1.2 cm  
 c - sutures - Size: Length 10.2 cm x Diam. 1.2 cm  
 d - sutures - Size: Length 10.1 cm x Diam. 1.2 cm  
 e - sutures - Size: Length 10.2 cm x Diam. 1.2 cm  
 f - sutures - Size: Length 10.1 cm x Diam. 1.2 cm  
 g - sutures - Size: Length 10.1 cm x Diam. 1.2 cm  
 h - sutures - Size: Length 10.1 cm x Diam. 1.2 cm  
 i - sutures - Size: Length 10.1 cm x Diam. 1.2 cm  
 j - sutures - Size: Length 10.2 cm x Diam. 1.2 cm  
 k - sutures - Size: Length 10.1 cm x Diam. 1.2 cm

Provenance: Owned by Dr. John Wilbur Desmond

Maker: Davis & Geck, Inc.

Site Made (City): [Brooklyn](#)

Site Made (State): [New York](#)

Site Made (Country): [United States of America](#)

Material: cardboard: off-white; grey  
 paper: off-white  
 glass: clear  
 catgut: brown

Inscriptions: (a) The back of the box has a paper label near the top that reads, "CERTIFIED // STERILE // LOT NO. E263286"; the paper on the front of the box is printed with the words, "KALMERID CATGUT // 20-DAY CHROMIC // Size 1 Product 1445 // TWELVE TUBES, each contains approximately // [missing] feet. Sutures are ready for use as they come // from the tubes and require no moistening. Do not // boil -- to sterilize the exterior of the tubes, submerse // them in any active alcoholic germicidal solution. // Unaffected by age, climate, or light. // DAVIS & GECK, INC. // BROOKLYN, N.Y. U.S.A."; the bottom of the box lists trade-mark and patenting information; (b-k) each tube has the following printed on the inside top, "DAVIS & GECK, INC. // N.Y. D & G [logo: "D&G" enclosed in a diamond shape] U.S.A. // TERTHERMO-FLEX// Kalmerid Catgut // 20 - Day 1 // Non-Boilable No. 1445"

Permanent Location: Storage Room 0010  
 0010-F1-10

Condition Remarks: The sutures arrived very dirty and dusty; (a) the box shows a great deal of wear and evidence of mold, mildew and water damage; the paper covering is very weak and missing in some areas; some of the printing is obscured.

Copy Type: Original

Reference Types: Person

Reference Comments: Dr. John Desmond

Research Facts: The box originally contained 12 tubes of sutures



## transfusion apparatus

<https://mhc.andornot.com/en/permalink/artifact3681>

Accession Number: 997016054 a-c

Collection: [Desmond Collection](#)

Category: [Diagnostic & Treatment Artifacts](#)

Classification: [Treatment, General](#)

MeSH Heading: [Blood Transfusion -- instrumentation](#)  
[Aspiration](#)  
[Pneumothorax, Artificial -- instrumentation](#)

Description: Pennell transfusion apparatus, which consists of (a) the transfusion apparatus, which has a rounded top piece with a flat top; the left side is flat and closed; the right side has a square section with a rounded bottom attached to it; the back of this section has a small square counter attached to it; the bottom of the apparatus has a hollow cylindrical stand attached to it; the bottom of the stand has a 90° angle notch cut into it; the front of the square section at the right has a small cylindrical piece sticking out from it, onto which fits (b) a removable handle; the handle is made of a long flat piece of metal which is bent at a 45° angle near the top and bottom; the top has a hole and a notched piece to attach it onto the apparatus; the bottom has a cylindrical piece for the user to grip the handle; the apparatus also comes with (c) an instruction sheet which lists printed information on how to use the apparatus, on a single piece of paper folded three times.

Number Of Parts: 3

Part Names: a - transfusion apparatus - Size: Length 12.3 cm x Width 10.5 cm x Depth 8.4 cm  
b - handle - Size: Length 9.5 cm x Width 1.2 cm x Depth 3.5 cm  
c - instruction sheet (unfolded) - Size: Length 31.5 cm x Width 30.2 cm

Provenance: Owned by Dr. John Wilbur Desmond

Maker: Fred. Haslam & Co., Inc.

Site Made (City): [Brooklyn](#)

Site Made (State): [New York](#)

Site Made (Country): [United States of America](#)

Dates: 1935  
circa 1935

Date Remarks: Apparatus was patented on Sept. 24, 1935

Material: metal: silver  
paper: off-white; red; grey

Inscriptions: (a) The front of the apparatus has the words, "PENNELL APPARATUS" stamped into it; the top has two directional arrows and the words, "PUT 15 C.C. GLYCERIN // IN CHAMBER // HASLAM // MADE IN U.S.A."; the left side reads, "PAT. SETP. 24, 1935 // 254"; the number "21" is stamped into the bottom of the apparatus and the square section at the right side; the back of the counter reads, "THE VEEDER M.F.G. CO. // PATENTED // VEEDER // OCT. 22 1895 // AUG. 15 1911 // HARTFORD, CONN. U.S.A."; the information sheet reads, "THE // PENNELL // TRANSFUSION APPARATUS // Manufactured By // Fred Haslam & Co., Inc. // BROOKLYN, N.Y. // Price: // A1347 // \$50.00 // Complete in Walnut- // Finish Case // Sold By"; also listed is information on the use of the machine as well as transfusion statistics and experiment; the other side of the sheet reads, "ADVANTAGES OF PENNELL'S APPARATUS OVER OTHER // TYPES OF TRANSFUSION DEVICES [listed] // OTHER USES // [listed] // GENERAL DIRECTIONS // [listed] // FOR PNEUMOTHORAX // [listed] // FOR TRANSFUSION // [listed] // FOR INFUSION // [listed] // CAUTION // [listed]"

Permanent Location: Storage Room 0010  
0010-D5-8  
(c) Storage Room 2005  
2005-2-2 Box #3

Condition Remarks: (a,b) The apparatus and handle arrived dusty and with some residue on the outer surfaces; there is no corrosion visible; the instruction sheet (c) has several fold marks and three tears along the fold lines; one tear is quite large; all the printing is visible.

Copy Type: Original

Reference Types: Document  
JPG

Reference Comments: Information about the machine and its uses can be found in the instruction sheet (c); CD #4

Research Facts: The counter registers the number of cc. of blood given; the apparatus can be used for blood transfusion, for infusion, for aspiration, and for pneumothorax; the apparatus originally came with a base, which would have been secured into the notch on the hollow cylindrical stand attached to the bottom; the tubing used is also missing.

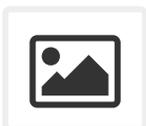




## blood transfusion needle

<https://mhc.andornot.com/en/permalink/artifact3682>

Accession Number:	997016055
Collection:	<a href="#">Desmond Collection</a>
Category:	<a href="#">Diagnostic &amp; Treatment Artifacts</a>
Classification:	<a href="#">Treatment, General</a>
MeSH Heading:	<a href="#">Injections, Intravenous -- instrumentation</a> <a href="#">Injections -- hypodermic needles</a> <a href="#">MM= Blood Specimen Collection -- needle</a>
Description:	Blood transfusion needle, which consists of a hollow cylindrical piece with an open, bevelled and sharp tip; the end of the needle has an open piece attached to it, which is rounded inside and squared on the outside; this piece tapers to the main shaft; there is also an attached finger grip; this is made of a flat piece of metal formed into a four-sided shape: flat on three sides and curved in a concave slope at the top; the back of the finger grip has horizontal lines cut into the metal; the finger grip is perpendicular to the main shaft of the needle.
Number Of Parts:	1
Provenance:	Owned by Dr. John Wilbur Desmond
Maker:	Becton, Dickinson & Co.
Site Made (City):	<a href="#">Rutherford</a>
Site Made (State):	<a href="#">New Jersey</a>
Site Made (Country):	<a href="#">United States of America</a>
Material:	metal: silver
Inscriptions:	The end piece on the needle is stamped, "YALE // RUSTLESS // B-D // 18 // PAT. NO. 2076121"
Permanent Location:	Storage Room 0010 0010-D5-8
Temporary Location:	On display, Queen's University Department of Medicine third floor, August 20, 2013.
Dimension Notes:	Length 7.1 cm x Width 2.5 cm x Depth 2.0 cm
Condition Remarks:	The metal shows minor wear and small black tarnish (?) spots on the front of the grip; there is no corrosion visible.
Copy Type:	Original
Research Facts:	The needle was likely used with transfusion apparatus 997.016.054a-c



## circumcision clamp

<https://mhc.andornot.com/en/permalink/artifact3684>

Accession Number:	997016057 a-f
Collection:	<a href="#">Desmond Collection</a>
Category:	<a href="#">Diagnostic &amp; Treatment Artifacts</a>
Classification:	<a href="#">General Surgery</a>
MeSH Heading:	<a href="#">Circumcision -- instrumentation</a> <a href="#">MM= Grasping and Fixating -- clamp</a>

Description: Gomco bloodless circumcision clamp in box, which consists of (a) the clamp base, which is rectangular on the right side and round at the left side; the left side has a round hole cut out of the centre and the right side has a long oval hole cut from the centre; the far right side has a solid cylindrical threaded piece coming up from it; the central area has a rounded groove in the metal; (b) a bell-shaped holding piece comes through and up against the round hole at the left; this holding piece is cylindrical and concave inside with a slightly flared outer edge; the closed top has a solid cylindrical piece of metal attached; this piece has two small side pieces coming off it at the top; a handle (c) fits onto the small side pieces with notches and curves downwards to a flat piece that is squared at the left and rounded at the right; the right side has an oval section cut out from it, which allows it to be fitted over the threaded piece on the base; the left side bottom has a rounded piece coming off it, which fits into the rounded groove on the base; a round adjustment knob (d) fits and screws onto the threaded piece on the base and allows the handle to be moved and held in place; the clamp fits into a box that consists of (e) the bottom, which is rectangular in shape with a closed bottom and sides, and (f) the top, which is also rectangular in shape and is open at the left and right side; the top slides onto the bottom from either the right or left to create a completely closed box; the outside edges of the top and bottom are covered with black paper; the top of the top has a paper label attached that lists manufacturing information.

Number Of Parts: 6

Part Names: a - circumcision clamp base - Size: Length 11.1 cm x Width 4.0 cm x Depth 3.1 cm  
b - holding piece - Size: Depth 4.1 cm x Diam. 2.5 cm  
c - circumcision clamp handle - Size: Length 9.2 cm x Width 1.8 cm x Depth 3.7 cm  
d - adjustment knob - Size: Depth 0.9 cm x Diam. 2.4 cm  
e - box bottom - Size: Length 11.7 cm x Width 5.1 cm x Depth 5.2 cm  
f - box top - Size: Length 11.7 cm x Width 5.5 cm x Depth 5.6 cm

Provenance: Owned by Dr. John Wilbur Desmond

Maker: The Gomco Surgical Mfg. Corp.

Site Made (City): [Buffalo](#)

Site Made (State): [New York](#)

Site Made (Country): [United States of America](#)

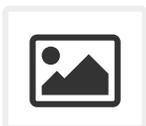
Material: cardboard: light grey  
paper: black; white  
metal: silver

Inscriptions: (a) The base is stamped, "GOMCO // USA. // PAT. 119160" on the top and "2.6 CM." on the bottom; (c) the handle is stamped, "GOMCO // USA" on the top; (f) the printed label on the box top reads, "GOMCO // BLOODLESS CIRCUMCISION CLAMP // (FOR PHYSICIAN'S USE ONLY) // SIZE [box] // MFD. BY // THE GOMCO SURGICAL MFG. CORPORATION // BUFFALO, N.Y."

Permanent Location: Storage Room 0010  
0010-F1-14

Condition Remarks: The circumcision clamp and box were slightly dusty when they arrived; the metal parts show no wear or corrosion; the cardboard box is complete and undamaged; the paper cover and label are complete and undamaged; all printing is fully legible.

Copy Type: Original



## merthiolate

<https://mhc.andornot.com/en/permalink/artifact3698>

Accession Number: 997016071 a-f  
Collection: [Desmond Collection](#)  
Category: [Pharmacy and Drug Artifacts](#)

Classification: [Pharmacy, General](#)

MeSH Heading: [Anti-Infective Agents, Local](#)  
[Antifungal Agents](#)  
[MM= Drugs -- patent, proprietary, over-the-counter -- container](#)  
[MM= Drug Packaging -- container -- bottle](#)

Description: Set of two bottles of merthiolate in a bakelite case, which consists of (a) a cylindrical bottle containing tincture merthiolate; the bottle is hollow with a flat bottom and an open threaded top; a lid (b) fits onto the bottle; this lid is made of a round threaded piece of bakelite with a cylindrical rubber grip on top; the bottom of this lid has an attached glass rod with a rounded tip; the bottle is about 1/3 full of orange liquid; the other bottle (c) is also cylindrical and contained a solution of merthiolate; the bottle is hollow with a flat bottom and an open threaded top; a lid (d) fits onto this bottle; the lid is made of a round threaded piece of bakelite with a cylindrical rubber grip on top; the bottom of this lid has an attached hollow glass dropper with a tapered open end; both bottles are stored in a bakelite case (e) with lid (f); the case has two joined hollow cylindrical sections, a flat closed bottom (with a cork pad on the inside) and an open top; the lid also has two joined hollow cylindrical sections and a flat closed top; the diameter of the lid is slightly larger than that of the base, so the lid fits over the top of the bottom of the case; both bottles have printed paper labels attached to the outside, which list product information.

Number Of Parts: 6

Part Names: a - medicine bottle - Size: Height 10.5 cm x Diam. 2.8 cm  
b - bottle lid - Size: Length 11.3 cm x Diam. 2.0 cm  
c - medicine bottle - Size: Height 10.5 cm x Diam. 2.8 cm  
d - bottle lid - Size: Length 10.4 cm x Diam. 2.0 cm  
e - case - Size: Length 9.0 cm x Width 6.3 cm x Depth 3.1 cm  
f - case lid - Size: Length 6.3 cm x Width 6.5 cm x Depth 3.5 cm

Provenance: Owned by Dr. John Wilbur Desmond

Maker: Eli Lilly and Company

Site Made (City): [Indianapolis](#)

Site Made (State): [Indiana](#)

Site Made (Country): [United States of America](#)

Material: plastic: black  
paper: off-white; orange; green  
cork: beige  
rubber: black; orange  
glass: clear

Inscriptions: (a) The paper label reads, "1 Fl. Oz. TINCURE NO. 99 // MERTHIOLATE 1:1000 // (Sodium Ethyl Mercuri Thiosalicylate, Lilly) // Alcohol 50% For External Use Only // ELI LILLY AND COMPANY, Indianapolis, U.S.A."; there is also some printed product information on the label; (c) the paper label reads, "1 Fl. Oz. SOLUTION NO. 45 // MERTHIOLATE 1:1000 // (Sodium Ethyl Mercuri Thiosalicylate, Lilly) // STAINLESS // ELI LILLY AND COMPANY, Indianapolis, U.S.A."; there is also some printed product information on the label; (f) the word "Lilly" can be read on the top of the lid in raised letters

Permanent Location: Storage Room 0010  
e: 0010-A3-9 Row D

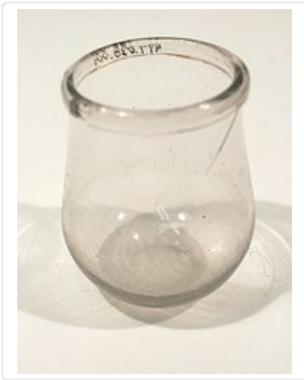
Condition Remarks: The bottles and case arrived dirty and dusty; the glass parts are complete and undamaged, as are the bakelite parts; the paper labels show water damage (wrinkles), but are complete and fully legible; the rubber parts are complete and undamaged; bottle (a) has 1/3 of its original contents; bottle (c) is empty

Copy Type: Original

Reference Types: Book

Reference Comments: "Blakiston's Illustrated Pocket Medical Dictionary," ed. by Normand L. Hoerr, M.D., and Arthur Osol, Ph.D., 1952, p. 431

Research Facts: Merthiolate is the trademark for sodium ethyl mercurithiosalicylate, a light cream-coloured crystalline powder, used as an antiseptic, germicide and fungicide.

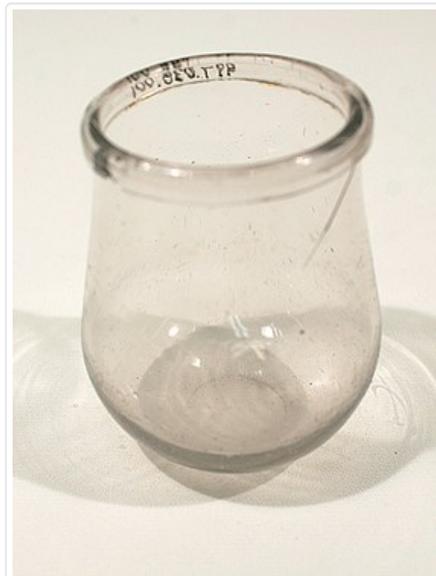


## glass cupping cup

<https://mhc.andornot.com/en/permalink/artifact1022>

Accession Number: 997038001  
Collection: [Dr. James J. A. Fraser Collection](#)  
Category: [Diagnostic & Treatment Artifacts](#)  
Classification: [Treatment, General](#)  
MeSH Heading: [Bloodletting -- instrumentation](#)  
[MM= Cupping -- cup](#)  
Description: Glass cupping cup, which consists of a hand-blown cup with a round open top and lip; the sides of the cup are rounded and the bottom is somewhat bulbous; there is a flat section on the base, which allows the cup to sit upright  
Number Of Parts: 1  
Provenance: Owned by Dr. James J. A. Fraser, 1955 Queen's University Faculty of Medicine graduate 1916-1917  
Dates: 1780  
1850  
circa 1780-1850  
Date Remarks: Free-blown glass cups were not found after the 1850's, when molds came into use; likely made between 1780 and 1850  
Material: glass: clear  
Permanent Location: Storage Room 0010  
0010-D6-7  
Depth: 6.3 cm.  
Diameter: 5.0 cm  
Condition Remarks: The glass shows several small scratch marks as well as a small chip at the side and a chip out of the lip; there is one large scratch mark on the side, near the lip; #2: glass chipped, has two cracks  
Copy Type: Original  
Reference Types: Book  
Reference Comments: "Antique Medical Instruments," by C. Keith Wilbur, M.D., p. 117

### Images





## scarificator

<https://mhc.andornot.com/en/permalink/artifact1023>

Accession Number: 997038002 a-c  
Collection: [Dr. James J. A. Fraser Collection](#)  
Category: [Diagnostic & Treatment Artifacts](#)  
Classification: [Treatment, General](#)  
MeSH Heading: [Bloodletting -- instrumentation](#)  
[MM= Bloodletting -- scarificator](#)

Description: Scarificator in a leather two piece box, which consists of (a) a square four-sided brass scarificator that has a flat round metal decorative holding piece at the left and right side, a metal cocking lever, and a heart-shaped blade adjuster at the top and a release lever at the top right; there are also small metal screws on the front and back and two on the top; the bottom of the scarificator has 16 long rectangular slots where blades will come out when the top lever is cocked; the scarificator fits into (b) a square leather-covered cardboard box that has an open top and a V-shaped notch cut into one side; the notch accomodates the release lever; the opposite side wall is lower, as part of it has broken off; a box lid (c) fits over the bottom; the top is square at the base and rounded into a domed semi-circle at the top; there is a small hole in the top that accomodates the cocking lever; black thread can be seen along one side, where a tear was sewn shut

Number Of Parts: 3

Part Names: a - scarificator - Size: Length 3.7 cm. x Width 4.5 cm. x Depth 5.5 cm.  
b - box bottom - Size: Length 4.4 cm. x Width 4.6 cm. x Depth 3.7 cm.  
c - box lid - Size: Length 4.6 cm. x Width 4.6 cm. x Depth 4.1 cm.

Provenance: Owned by Dr. James J. A. Fraser, 1955 Queen's University Meds graduate

Dates: 1790  
1830  
circa 1790-1830

Date Remarks: Style of blades are pointed

Material: metal: grey; yellow  
leather: brown  
paper: grey  
fabric: black

Permanent Location: Storage Room 0010  
0010-D6-5

Condition Remarks: (a) There are several deep scratches on the sides of the scarificator, but no corrosion is visible; the cocking and release levers both work, but the blade adjuster will not move; (b) the box base shows a great deal of wear; half of one side has been broken off and another side is also broken; the top (c) also shows a great deal of wear and the sides have split; one has been repaired with black thread

Copy Type: Original

Reference Types: Book

Reference Comments: "Antique Medical Instruments," by C. Keith Wilbur, M.D., p. 119

Images

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