Bone Drills

B-1250  Brainard’s, set of 5 drills.
*B-1251  Brainard’s, set of 5 drills, with hollow handle for holding drills.
B-1253  Esmarch’s, plain.
*B-1255  Hamilton’s, with 6 drills, hollow handle for holding drills.
B-1265  Lane’s, set of 3 drills.
B-1270  Murphy’s, set of Medulla Reamers, 7¼ inches, complete with brace.
B-1271  Murphy’s, retractor guide.
Bone Drills

*B-1273 Richter’s, pistol grip, set of 6 drills with hollow handle for holding drills.
B-1275 Richter’s, pistol grip, set of 6 drills, with long shank for deep bone work and with chuck jaw.
B-1280 Stille’s, set of 3 drills, 4 burrs and 1 crown.
B-1285 Stille-Sherman’s, complete with 3 points.
**STANDARD SURGICAL INSTRUMENTS**

**Bone Cutting Forceps**

- **B-1300** Liston's, straight, 5 3/4 inches, 6 3/4 inches, 7 3/4 inches, 8 3/4 inches, 10 inches, 11 inches.
- **B-1305** Liston's, straight, with straight form of handle, 7 3/4 inches, 8 3/4 inches.
- **B-1308** Liston's, curved on flat, 5 3/4 inches, 6 3/4 inches, 7 3/4 inches, 8 3/4 inches, 10 inches, 11 inches.
- **B-1310** Liston's, curved on flat, with straight form of handle, 7 3/4 inches, 8 3/4 inches.
- **B-1312** Liston's, angular, 7 inches, 8 3/4 inches.
- **B-1315** Liston-Mayo's, angular, 12 inches.
- **B-1320** Liston-Issac's, bayonet shape.
- **B-1325** Liston's, double jointed, very powerful.
- **B-1330** Horsley's, double curved, 7 inches.
- **B-1332** Horsley's, straight, fine prismatic points, 7 inches.
- **B-1334** Horsley's, with crank bend, acute angle, fine prismatic points, 7 3/4 inches.
- **B-1336** Horsley's, with crank bend, fine prismatic points, 7 inches.
- **B-1338** Horsley's, with double bend, 10 1/2 inches.
- **B-1340** Horsley's, with double bend, 7 3/4 inches, acute angle.
- **B-1345** Satterlee's.
- **B-1350** Velpeaux's, maxillary.
Bone Shears, Rib, and Rib Spreaders

B-1360 Collin's, rib.
*B-1362 Doyon's, rib.
B-1364 Gluck's, rib, small.
B-1365 Gluck's, rib, large.
*B-1367 Mathieu's, rib, full curved.
B-1369 Plain, rib.
*B-1371 Plain, rib, eccentric, with sliding blade.
B-1375 Schoemaker's, rib.
*B-1380 Stille's, rib.

Rib Spreaders

*B-1385 Lilienthal's.
B-1388 McGuire's.
*B-1390 Mikulicz-Friederich's.
*B-1395 Sauerbruck's.
*B-1400 Tuffier's.
Bone Gouging Forceps

B-1410  Dahlgren's, cranial, with 2 hooks.
B-1412  Darby's.
B-1414  DeVilbiss', cranial.
B-1416  Doyen's, cranial.
B-1418  Hoffman's, angular.
*B-1420  Hopkin's, cranial and spinal.
B-1422  Hudson's, cranial, with extra blade.
*B-1424  Lombard's, bayonet shape.
B-1426  Luer's, straight.
*B-1428  Luer's, curved on flat.
**Bone Holding Forceps**

- **B-1440** Plain Sequestrum Forceps, curved sideways.
- **B-1445** Farabeuf's, double articulation.
- **B-1446** Farabeuf-Lambotte’s, double articulation, with ratchet.
- **B-1450** Ferguson’s, lion jaw.
- **B-1455** James’, angular, for holding bone plate and bone at the same time.
- **B-1456** James’, straight, for holding bone plate and bone at the same time.
- **B-1460** Lambotte’s, small, 8¾ inches.
- **B-1461** Lambotte’s, medium, 10¾ inches.
- **B-1462** Lambotte’s, large, 12¾ inches.
Bone Holding Forceps

B-1465  
Lane's, original model, 12 inches.

B-1467  
Lane's, improved model, 12 inches, 17½ inches.

B-1470  
Lister's, spicule, for picking up bone fragments.

*B-1472  
Mathieu's, straight, sequestrum.

*B-1474  
Mathieu's, curved on edge, sequestrum.

*B-1476  
Mathieu's, angled on edge, sequestrum.

B-1480  
Post's, toe nail.

B-1485  
VanBuren's, bayonet shape, sequestrum.
Bone Holding Clamps

B-1500  Collin’s Bone Fracture Clamp and Bands.
*B-1505  Gerster-Lowman’s Bone Holding Clamp.
B-1510  Hawley’s Bone Holding Clamp.
B-1520  Lambert-Lowman’s Bone Holding Clamp.
B-1525  Lowman’s Bone Holding Clamp.
*B-1530  Magnusson’s Bone Holding Clamp.
Bone Holding Clamps
B-1535  Parham and Martin's Clamp and 2 bands.

Bone Holder Turnbuckles
B-1540  Gerster's Turnbuckle.
*B-1545  Haslam's Turnbuckle.

Bone Traction Apparatus
B-1550  Echols' Traction Apparatus, latest improvement, for attachment to table.
Bone Traction and Extension Apparatus

B-1555  Edmonton's Extension Tongs with rope.

B-1560  Frazier's Extension Apparatus, including weights.

B-1565  Gorham's Extension Apparatus, complete.

*B-1570  Levis' Extension Apparatus, complete.

B-1575  Steinmann's Extension Apparatus, with 5 jointed steel needles and weights.
Pereosteal Elevators

B-1590 Adams' Dry Dissector, double.
B-1592 Allis' Dry Dissector.
*B-1594 Durham's, double ended, elevator and dissector.
B-1596 Lane's Detacher or Elevator, broad.
B-1598 Lane's Detacher or Elevator, narrow.
B-1600 Lane's Detacher and Dissector, sharp pointed.
B-1602 Lane's Elevator and Retractor, ring handle.
B-1604 Lane's Elevator and Retractor, improved.
B-1606 Massachusetts General Hospital Pattern.
B-1610 Plain, with raspatory.
B-1615 Sayre's, double ended, blunt.
B-1620 Watson-Cheyne's double-ended, dissector.
Raspatories

B-1625  Doyen’s, for costal periosteum.
*B-1627  Friedrich’s, for costal periosteum, 3 sizes.
B-1630  Langenbeck’s, angular bent.
*B-1631  Langenbeck’s, hook shape.
B-1633  Mathieu’s, straight, convex, concave.
B-1635  Ollier’s, round.
*B-1636  Ollier’s, knife shape.
B-1638  Sayre’s, double ended, sharp.
B-1640  Sedillot’s.
Capital Saws

B-1650  Charriere’s, 6 inches, 7 inches, 8 inches, 9 1/4 inches.
B-1655  Charriere’s, bow, with 2 blades.
*B-1660  Parker’s.
*B-1661  Reiner’s, bow, American pattern.
B-1662  Satterlee’s.
B-1664  U. S. Army Bow Saw.

Chain Saws

*B-1666  Jeffrey’s.

Metacarpal Saws

B-1668  Langenbeck’s, plain.
*B-1670  Lente’s, exsection, subcutaneous.

Skull Saws

*B-1675  Doyen’s, with guard.
B-1677  Hey’s.
Wire Saws and Handles

B-1680  Gigli's, 12 inches.
B-1681  Gigli's, 20 inches.
B-1682  Gigli's, 30 inches.
B-1683  Handles, fine.
B-1685  Handles, plain.
B-1690  Wire Saw Carrier, Schaefer's, cranial.
Bone Elevators, etc.

B-1700  Bone Extension Instrument, Lane's.
*B-1702  Bone Plate Holding Forceps, Lane's.
B-1705  Bone Screw Holding Forceps, Lane’s, 7 1/2 inches.
B-1708  Bone Skid, Murphy’s, double ended.
B-1710  Bone Skid, Scudder's, broad and narrow.
*B-1715  Screw Driver, Anderson's, to hold and drive the screw.
B-1717  Screw Driver, Lane's, solid octagon handle, heavy.
*B-1719  Screw Driver, Lentz's, to hold and drive the screw.
B-1721  Screw Driver, Sherman’s, latest pattern (with pin C).
B-1723  Screw Driver, Sherman’s, latest pattern (without pin C).
B-1725  Wrench, Lane’s, for bending bone plates.
*B-1727  Silver Wire for wiring bones, B & S Gauge, No. 14, No. 16, No. 18, No. 20.
**Bone Plates**

B-1726  *Martin's*, silver, $\frac{1}{2}$ x 2 inches, $\frac{3}{8}$ x 3 inches, $\frac{5}{8}$ x 2$\frac{1}{2}$ inches, $\frac{7}{8}$ x 3$\frac{1}{2}$ inches, $\frac{1}{4}$ x 3 inches, $\frac{1}{4}$ x 4 inches

B-1730  *Mayo's*, silver-plated, 12 inches.

B-1731  *Mayo's*, German silver, 12 inches.

B-1734  *Sherman's*, blued vanadium steel, Nos. 0 to 16, illustration shows plates half size.

**Bone Nails, Screws and Spikes**

*B*-1735  Bone Nails, ivory.

*B*-1737  Bone Nails, steel.

*B*-1739  Bone Screws, *Lambotte's*, gold-plated, 8 sizes.

*B*-1741  Bone Screws, *Lane's*, silver-plated, Nos. 3, 5, and 7, $\frac{1}{2}$ and $\frac{5}{8}$ inches.

*B*-1743  Bone Screws, *Mayo's*, sterling silver, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ and $\frac{3}{4}$ inches.

B-1745  Bone Screws, *Sherman's*, Vanadium steel, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{5}{8}$ inches.

*B*-1747  Bone Screws, *Wood's*, Vanadium steel, $\frac{3}{8}$, $\frac{1}{2}$ and $\frac{5}{8}$ inches.
Bone Instruments—Cranial

B-1755 Chisel, Doyen's, cranial.
B-1760 Drill, Carr's, cranial.
B-1765 Drill, Cushing's, cranial set, complete.
B-1770 Drill, Hudson's, set of 4 cranial burrs and brace.
*B-1771 Hard wood case for above.
B-1772 Cerebellar attachment for above, Hudson's.
Bone Instruments—Cranial

B-1775 Elevator, Hudson's, double ended.
B-1776 Elevator, Hudson's, double ended, with saw carrier.
B-1778 Elevator, Martel's.
B-1780 Protector, Alexandre's, dura.
B-1782 Spatula, Cushing's, 63⁄4 inches, 73⁄4 inches, 11 inches.
B-1785 Trephine, DeVilbiss'.
B-1787 Trephine, Galt's, 3 sizes.
B-1790 Trephine, Robert's, 3 sizes.
Cranial Instruments

B-1800 Carr’s Cranial haemostat.
B-1802 Cushing’s Brain Retractor, decompression.
B-1804 Cushing’s Vein Retractor.
B-1806 Hoeve’s Cranial Haemostat.
B-1808 Sargent’s Cranial Haemostat or Flap Forceps.
**STANDARD SURGICAL INSTRUMENTS**

Electro Operative Bone Engines

*B-1850* Albee's Electro Operative Bone Set, in case, comprising Universal motor, cords, aseptic shell and guide handle, bone reamer, saw with 1 mandrel and 8 gauges, spanner, wrench, foot speed controllers, long twist drill, sterilizer case for drills, burrs and single saw.

**Albee's Additional Special Instruments**

*B-1855* Adjustable Spray Guard.

*B-1856* Albee's Twin Saw.

*B-1857* Albee's, Angular Saw.

*B-1858* Albee's Dowel Shaper.

*B-1859* Albee's extra long Taper Burr Fraise, for femur.

*B-1860* Albee's extra small Saw for cross cut.

*B-1865* Albee's Complete Set, comprising all instruments listed above, in case.

*B-1870* Albee's Revolving Osteotome.

*B-1871* Albee's broad thin Osteotome.

*B-1872* Albee's Caliper, inside.

*B-1873* Albee's Caliper, outside.

*B-1874* Albee's Bone Gauge, triangular.

*B-1875* Albee's Ligature Passer.

*B-1876* Albee's End Mill.

*B-1880* Martel's Automatic Trephine Attachment Set, for use with Albee's universal motor, with pointed cutter for starting, blunt trephine cutter, spiral osteotome and guard for osteotome.

*B-1881* Martel's Automatic Trephine, complete with Albee's Universal motor, foot switch and cords.

Illustrated bulletin of all the above instruments sent on request.

**B-1890** Geiger's Electro Operative Bone Instruments and accessories:

A Universal Motor, 60 cycle, 110 volt. with sterilizable connecting cord.

B Universal Motor with extra cycle or higher voltage.

1 Drill, 1/4 inch.

2 Drill, 3/8 inch.

3 Drill, 1/2 inch.

4 Drill, 5/8 inch.

5 Drill, 11/2 inch.

6 Cherry Burr.

7 Sharp Nose Burr.

8 Set of Chisels.

9 Motor Plaster Cutter, without motor.

10 Saw with mandrel, 6/8 inch.

11 Saw with mandrel, 11/2 inch.

12 Saw with mandrel, 1 inch.

13 Saw with mandrel, 11/2 inches.

14 Saw with mandrel, 1 inch.

15 Saw with mandrel, 11/2 inches.

16 Saw with mandrel, 1 inch.

17 Saw with mandrel, 2 inches.

17A Ideal Motor Bone Saw Hand Piece or Handle.

18 Twin Saws, 1/2 inch.

19 Twin Saws, 3/4 inch.

20 Twin Saws, 1 inch.

21 Twin Saws, 11/4 inch.

22 Trephine.

23 Protector Burr or Skull Cutter with hand piece.

24 Dowel Shaper. 1/2 inch.

25 Dowel Shaper, 3/4 inch.

26 Dowel Shaper, 1 inch.

27 Lathe Attachment to Dowel Shapers.

28 Extra Guide Handle for Twin or Single Saws.

29 Right Angle Arm with Gears for all Cutters.

30 Caliper Knives.

31 Guards for Regulating depths of Saws (8 in number).

32 Sterilizable Aluminum Shell for Motor.

33 Sterilizable Brass Shell for Motor.

34 Special Electric Hot Air Sterilizer, with thermostatic control.

35 Bone Elevating Spoon or Skid (Straight).

36 Bone Elevating Spoon or Skid.

37 Bone Elevating Forcep.

38 Bone Graft Retaining Forcep.

40 Handsome Carrying Case for Motor and Cutters.

41 Speed Regulating Foot Switch.

42 Geiger's New Work on "Modern Operative Bone Surgery."

Illustrated bulletin of all Geiger instruments sent on request.
**STANDARD SURGICAL INSTRUMENTS**

Bullet Forceps

- **B-1900** Gross'
- **B-1902** Senn's, plain.
- **B-1903** Senn's, with catch, latest army pattern.
- **B-1905** Tiemann's, with catch.
- **B-1907** Weisse's, spiral, flexible.

Bullet Probes

- **B-1910** Plain, double end, plated, 8 inches, 10 inches, 12 inches.
- **B-1912** Fluhrer's, aluminum.
- **B-1914** Hamilton's, with director, jointed.
- **B-1916** Nelaton's, porcelain head, with handle.
- **B-1918** Spiral, flexible, jointed.
- **B-1920** U. S. A. pattern, silver, 8 inches, 10 inches 12 inches.
### Tourniquets

- **B-1925** Esmarch's, strap and chain.
- *B-1927* Field tourniquet with webbing strap.
- **B-1930** Gradwohl's, for general and Salvarsan work.
- *B-1935* Hazard's.
- **B-1940** Senn's, U.S.A. pattern, 36 inches long, pure gum tubing.
- *B-1942* Shert's, all metal.
- **B-1945** Wyeth's transfixed pin.

### Needle Holders

- **B-1960** Crile's, mortise joint.
- *B-1962* Crile's, modified by Wood.
- **B-1964** Hegar's, screw lock, 6 inches, 8 inches.
- **B-1966** Hegar-Mayo's, wide jaw and narrow jaw, 8 inches, mortise joint.
- *B-1968* Hegar-Mayo's, 6 inches, mortise joint.
- *B-1970* Hegar-Mayo's, 8 inches, screw joint.
**Needle Holders**

- **B-1975** Gracey's, new model.
- **B-1980** Langenbeck's, 6 1/2 inches, 8 inches.
- **B-1985** Kelly-Miller's.
- **B-1990** Mathieu's, regular, 4 1/2 inches, 5 inches, 5 1/2 inches, 7 inches, 7 1/2 inches, 8 inches.
- **B-1992** Mathieu's, improved pattern, 5 1/2 inches, 7 inches, 8 inches.
- **B-1994** Mathieu's, improved, with thumb release catch.
- **B-1996** McBurney's, 8 inches.
- **B-1998** Murphy's, 8 inches, 9 3/4 inches, 10 1/2 inches.
- **B-2005** Rochester needle pulling forceps.
B-2010  Richter's, regular model, latest, 5 1/2 inches, 7 inches, 8 inches.
B-2012  Richter's, with grasping point, 7 inches, 8 inches.
*B-2015  Richter's, with thumb release catch.
*B-2017  Richter's, with grasping point and thumb release catch.
*B-2020  Richter's, modified by Mayo.
B-2022  Richter's, with ring handles.

**Metal Needle Cases**
*B-2040  Rectangular form, with spiral spring for needles.
*B-2041  Rectangular form, with 1 dozen assorted needles.
B-2042  Rectangular form, with 2 dozen assorted needles.
*B-2043  Round form, with perforated sterilizing chamber, 2 1/4 inches.
*B-2044  Round form, with perforated sterilizing chamber, 3 3/4 inches.
B-2045  Oblong form, with perforated sterilizing chamber, 5 1/8 x 1 3/4 inches.
General Operating Needles

Illustrations show Full Size of Needles
General Operating Needles

Illustrations show Full Size of Needles
STANDARD SURGICAL INSTRUMENTS

General Operating Needles

Illustrations show Full Size of Needles
General Operating Needles

Illustrations show Full Size of Needles
General Operating Needles

1. 4" 
2. 3½" 
3. 3¼" 
4. 3" 
5. 2½" 
6. 2¼" 
7. 2⅛" 
8. 2⅞" 

Illustrations show Full Size of Needles
General Operating Needles

Illustrations show Full Size of Needles
General Operating Needles

Illustrations show Full Size of Needles
**General Operating Needles**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>B-2085</td>
<td>Regular, straight, sizes 1 to 30.</td>
</tr>
<tr>
<td>B-2086</td>
<td>Regular, straight, split eye, sizes 1 to 30.</td>
</tr>
<tr>
<td>B-2087</td>
<td>Regular, half curved, sizes 1 to 30.</td>
</tr>
<tr>
<td>B-2088</td>
<td>Regular, half curved, split eye, sizes 1 to 30.</td>
</tr>
<tr>
<td>B-2089</td>
<td>Regular, half curved, round body, sizes 1 to 18.</td>
</tr>
<tr>
<td>B-2090</td>
<td>Regular, full curved, sizes 1 to 30.</td>
</tr>
<tr>
<td>B-2091</td>
<td>Regular, half circle curve, sizes 1 to 18.</td>
</tr>
<tr>
<td>B-2092</td>
<td>Regular, full curved, split eye, sizes 1 to 30.</td>
</tr>
<tr>
<td>B-2093</td>
<td>Regular, full curved, round body, sizes 1 to 18.</td>
</tr>
<tr>
<td>B-2094</td>
<td>Regular, full curved, with Cunnigham eye, sizes 1 to 18.</td>
</tr>
<tr>
<td>B-2095</td>
<td>Hagedorn’s, straight, sizes 1 to 13.</td>
</tr>
<tr>
<td>B-2096</td>
<td>Hagedorn’s, straight, with split eye, sizes 1 to 13.</td>
</tr>
<tr>
<td>B-2097</td>
<td>Hagedorn’s, half curved, sizes 1 to 13.</td>
</tr>
<tr>
<td>B-2098</td>
<td>Hagedorn’s, half curved, with split eye, sizes 1 to 13.</td>
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<tr>
<td>B-2099</td>
<td>Hagedorn Needle, ½ circle, sizes 1 to 13.</td>
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<tr>
<td>B-2100</td>
<td>Hagedorn’s, full curved half circle.</td>
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<tr>
<td>B-2101</td>
<td>Hagedorn’s, ¼ circle curve, sizes 1 to 13.</td>
</tr>
<tr>
<td>B-2102</td>
<td>Hagedorn’s, ½ circle curve, sizes 1 to 13.</td>
</tr>
<tr>
<td>B-2103</td>
<td>Hagedorn’s, full curved, with split eye, sizes 1 to 13.</td>
</tr>
<tr>
<td>B-2104</td>
<td>Hagedorn’s, fistula, stout, sizes: 11, 12, 13.</td>
</tr>
<tr>
<td>B-2105</td>
<td>Hagedorn’s, fistula, thin, sizes: 14, 15, 16.</td>
</tr>
</tbody>
</table>

**Surgeons’ Needles**

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-2106</td>
<td>Hagedorn’s, intestinal, sizes: 17, 18, 19.</td>
</tr>
<tr>
<td>B-2107</td>
<td>Cole’s (Central Eye) Needles, round point, sizes same as Regular Surgeons.</td>
</tr>
<tr>
<td>B-2108</td>
<td>Cole’s (Central Eye) Needles, Triangular, sizes same as Regular Surgeons.</td>
</tr>
<tr>
<td>B-2109</td>
<td>Hagedorn’s, ½ circle, with reversed eye, sizes 1 to 18.</td>
</tr>
<tr>
<td>B-2110</td>
<td>Bonney’s, full curved, sizes: 7.</td>
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<tr>
<td>B-2111</td>
<td>De Garmos, full curved, sizes: 1.</td>
</tr>
<tr>
<td>B-2112</td>
<td>Carrell’s Arterial Needles, curved, sizes: 1.</td>
</tr>
<tr>
<td>B-2113</td>
<td>Carrell’s Arterial Needles, straight, sizes: 1.</td>
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<tr>
<td>B-2114</td>
<td>Boston, sizes: 4.</td>
</tr>
<tr>
<td>B-2115</td>
<td>Doyen’s, curved, to be used with fingers, sizes: 5.</td>
</tr>
<tr>
<td>B-2116</td>
<td>Emmet’s, straight, taper point, sizes: 5.</td>
</tr>
<tr>
<td>B-2117</td>
<td>Emmet’s, half curved, taper point, sizes: 5.</td>
</tr>
<tr>
<td>B-2118</td>
<td>Emmet’s, full curved, taper point, sizes: 5.</td>
</tr>
<tr>
<td>B-2119</td>
<td>Emmet’s, straight, trocar point, sizes: 5.</td>
</tr>
<tr>
<td>B-2120</td>
<td>Emmet’s, half curved, trocar point, sizes: 5.</td>
</tr>
<tr>
<td>B-2121</td>
<td>Emmet’s, full curved, trocar point, sizes: 5.</td>
</tr>
<tr>
<td>B-2122</td>
<td>Eye, half curved, sizes: 6.</td>
</tr>
<tr>
<td>B-2123</td>
<td>Eye, full curved, sizes: 6.</td>
</tr>
<tr>
<td>B-2124</td>
<td>Eye, half curved, sizes: 6.</td>
</tr>
<tr>
<td>B-2125</td>
<td>Eye, full curved, sizes: 6.</td>
</tr>
<tr>
<td>B-2126</td>
<td>Ferguson’s, with taper point, half circle, sizes: 12.</td>
</tr>
<tr>
<td>B-2127</td>
<td>Fistula, full curved, sizes: 8.</td>
</tr>
</tbody>
</table>
Surgeons’ Needles

B-2128 Fistula, full curved, heavy, 6 sizes.
*B-2129 Fistula, extra full curved, light, 8 sizes.
*B-2130 Fistula Needle, extra curved light springe eye, 3 sizes.
*B-2131 Goodell’s, perineal, 3 sizes.
*B-2132 Henderson’s, full curved, cutting edge, 6 sizes.
B-2133 Hernia, extra heavy, 1 size.
B-2134 Keith’s, straight, abdominal, 9 sizes.
B-2135 Kelly’s Cervix Needles, 4 sizes.
B-2136 Kelly Oblique Needles, 3 sizes.
B-2137 Kelly (Lister Eye) oblique Curved, 3 sizes.
B-2138 Kelly’s, gynaecial, 6 sizes.
B-2139 Kelly’s, full curved, tracheorrhaphy, 3 sizes.
*B-2140 Kelly’s Intestinal Needle, plain eye, 4 sizes.
*B-2141 Kelly’s, full curved, intestinal, taper point, split eye.
*B-2142 Koenig’s fish hook curve, 5 sizes.
B-2143 Kidney Half Curved Needles, 1 size.
B-2144 Kidney Needle, straight, 1 size.
B-2145 Kidney Needle, curved, 1 size.
B-2146 Intestinal, straight, taper points, 6 sizes.
B-2147 Intestinal, half curved, plain eye, taper point, 6 sizes.
*B-2148 Intestinal, half curved, split eye, taper point, 6 sizes.
B-2149 Intestinal, full curved, plain eye, taper point, 6 sizes.
B-2150 Intestinal Needles, 3½ circle, 6 sizes.
*B-2151 Intestinal, full curved, split eye, taper point, 6 sizes.
B-2152 Lane’s Straight Needle, cleft palate, 6 sizes in ¾ inch from ¾ to 1 inch.
B-2153 Lane’s, cleft palate, 3½ circle curve.
B-2154 Lane’s, cleft palate, 3½ circle curve, 6 sizes in ¾ inch from ¾ to 1 inch.
B-2155 Lane’s Straight Needle, 4 sizes.
B-2157 Lane’s Needles, 3½ circle, 4 sizes.
B-2158 Lane’s Needles, curved, 4 sizes.
B-2159 Ligating, full curved, taper points, 3 sizes.
B-2160 Liver Needle, straight, 1 size.
B-2161 Liver Needle, curved, 1 size.
B-2162 Loopuyt’s, half curved, to be used with fingers, 5 sizes.

*B-2163 Loopuyt’s half curved, split eye, 5 sizes.
B-2164 Martin’s, full curved, uterine, 7 sizes.
*B-2165 Martin’s, uterine, with Cunningham Eye, 6 sizes.
B-2167 Mayo’s, full curved, large square eye, taper point, for catgut, 4 sizes.
B-2168 Mayo’s, ¾ circle, large square eye, taper point, for catgut, 4 sizes.
B-2169 Mayo’s, ¾ circle, large square eye, trocar point, 4 sizes.
B-2170 Mayo-Robson Abdominal Needle, 1 size.
B-2171 Mayo-Robson Gastro Enterostomy Needle, 1 size.
B-2172 Mayo-Robson Intestinal Needles, 2 sizes.
B-2173 Mayo-Robson Muscle Stitch Needle, 1 size.
B-2174 Mayo-Robson Skin Needles, 2 sizes.
*B-2175 McGowan’s, full curved, taper point, 3 sizes.
*B-2176 McGowan’s, full curved, trocar point, 3 sizes.
*B-2177 Mayo’s, full curved, plain eye, taper point, intestinal, 3 sizes.
B-2178 Moynihan’s, full curved, plain eye, taper point, for catgut, 1 size.
B-2179 Murphy’s, full curved, cutting points, for tracheorrhaphy, 3 sizes.
B-2180 Murphy’s, full curved, taper point, haemostatic, 1 size.
B-2181 Murphy’s, full curved, taper point, intestinal, 4 sizes.
*B-2182 Post-Mortem Needles, half curved, 3-inch to 6-inch in ½ inches.
*B-2183 Sims’, straight, lance point, uterine, 5 sizes.
B-2184 Sims’, half curved, lance point, uterine, 5 sizes.
*B-2185 Sims’, full curved, lance point, uterine, 5 sizes.
*B-2186 Sharp’s, arterial, 1 size.
B-2187 Skene’s, straight, trocar point, uterine, 6 sizes.
B-2188 Staphylorrhaphy, fish hook, cutting point, 1 size.
*B-2189 Triangular Needles, regular, straight, 18 sizes.
*B-2190 Woodward’s, 1 size.
*B-2191 Wylie’s Pedicle Needles, 1 size.
Ligature Needles with Handles

B-2220 Ashton's, perineal.
*B-2225 Billroth's, ligature, straight, heavy.
B-2226 Billroth's, ligature, half curved, heavy.
B-2228 Carsten's, cervical, right or left.
*B-2230 Carsten's, ligature, blunt, right or left.
B-2232 Carsten's, perineal, right or left.
*B-2235 Clark's, perineal, right or left.
B-2240 Davis', ligature, curved.
B-2245 Deschamps', ligature, right or left, blunt.
*B-2246 Deschamps', ligature, right or left, sharp.
B-2250 Felizet's, perineal, curved.
*B-2255 Keyes', varicocele, plain, spear point.
*B-2256 Keyes', varicocele, plain, oblique point.
*B-2260 Landau's, ligature, sharp, with Hagedorn eye.
*B-2265 Langenbeck's, ligature, curved, blunt.
B-2270 Pean's, ligature.
Ligature Needles with Handles

- **B-2275**: Reverdin's, suture, plain, sliding eye, curves 1, 2, 3, 4.
- **B-2280**: Reverdin's, suture, automatic eye, curves 1, 2, 3, 4.
- **B-2285**: Reverdin's, suture, automatic eye, Hagedorn point, curves 1, 2, 3, 4.
- **B-2290**: Reverdin's, cervical, automatic eye, right or left.
- **B-2295**: Spiral curve, cervical, right or left.
- **B-2300**: Wilson's, cervical, right or left.
Ligature Carriers

B-2310 Cleveland's, scissors handle, 6 inches, 8 inches.
B-2312 Cleveland's, improved, latest model, right and left.

Suture Sundries

B-2315 Perforated Shot, 100 in bottle.
B-2317 Shot Compressor.
B-2320 Spreading Forceps, Richter's, for removing, or regulating the pressure of Michel's wound clips.
Suture Sundries

B-2322 Suture Forceps, Michel's, plain.
B-2324 Suture Forceps, Michel's, improved, straight, for applying and removing clips.
B-2325 Suture Forceps, Michel's, improved, curved, for applying and removing clips.
B-2326 Suture Forceps, Roubaix's, angular.
*B-2327 Suture Forceps, Roubaix's, straight.
B-2330 Suture Scissors, Littauer's, 5 1/2 inches.
B-2335 Wound Clips, Michel's, small, medium and large.
*B-2337 Wound Clip Set, Michel's, in metal case.
Wound Clip Forceps and Sets

B-2340  Richter's Magazine Wound Clip Forceps, holds 50 clips.

B-2342  Richter's Magazine Wound Clip Set, complete, in case.
Sutures and Ligatures Unsterilized

B-2400  Catgut, dry, in bundles of 10 strings, each string 10 feet long: Nos. 00, 0, 1, 2, 3, 4, 5, 6,
*B-2405  Celluloid Yarn, Pagenstecher’s, sizes 00 to 6, in 5 gram hanks.
*B-2407  Celluloid Yarn, Braun’s, in 4 sizes, in hanks.
*B-2410  Horse Hair, 25 strands, in bottle.
*B-2411  Horse Hair, 100 strands, in paper box, 20 inches.
B-2412  Linen Thread, Mayo’s, iron dyed, No. 25, in hanks.
B-2413  Linen Thread, Mayo’s, iron dyed, No. 35, in hanks.
B-2414  Linen Thread, Mayo’s, iron dyed, No. 50, in hanks.
B-2415  Linen Thread, Mayo’s, iron dyed, No. 90, in hanks.
*B-2420  Kangaroo Tendon, unfinished, assorted sizes.
*B-2425  Silk, braided, Turner’s, 12 sizes, in skeins, sizes: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12.
B-2430  Silk, braided, 1 size on card, in 12 sizes.
B-2432  Silk, braided, 4 sizes on card, in slip case.
B-2435  Silk, braided, iron dyed, 1 size on card, in 12 sizes.
B-2437  Silk, braided, iron dyed, 4 sizes on card, in slip case.
B-2440  Silk, braided, white, on half ounce spools.
B-2442  Silk, twisted, white, 1 size on card, in 20 sizes.
B-2444  Silk, twisted, iron dyed, 1 size on card, in 20 sizes.
B-2446  Silk, twisted, white, 4 sizes on card, in slip case.
B-2448  Silk, twisted, iron dyed, 4 sizes on card, in slip case.
B-2450  Silk, twisted, white, cable twist, in hanks.
Sutures and Ligatures, Unsterilized

B-2455  Silk wormgut, ordinary quality, 14-inch strands, 100 strands to coil: size: fine, medium, coarse, X coarse, XX coarse.

B-2457  Silk wormgut, finest quality, 14-inch strands, 100 strands to coil: size, fine, medium, coarse, X coarse, XX coarse, XXX coarse.

*B-2460  Wire, aluminum bronze, 4 sizes, 20 coils, in box.

*B-2465  Wire, silver, pure, No. 14 B. & S., for bone work.

*B-2466  Wire, silver, pure, No. 16 B. & S., for bone work.

*B-2467  Wire, silver, pure, No. 18 B. & S., for bone work.

*B-2468  Wire, silver, pure, No. 20 B. & S., for bone work.

B-2470  Wire, silver, pure, sizes 22 to 30, B. & S., in 2 dwt. coils.

B-2472  Wire, silver, pure, in spools of 1 yard each, 6 spools in box.

B-2474  Wire, silver, pure, in half ounce coils, sizes 22 to 30, B. & S.

B-2480  Glass Reels, for ligatures, 1½ x 2 inches.

B-2482  Glass Reels, for ligatures, 1½ x 2½ inches.

B-2485  Suture Plate, glass, with 6 compartments.

B-2486  Suture Plate, opaque glass, with 6 compartments.
**Sterilized Ligatures and Sutures**

B-2500 Catgut, plain, in sealed tubes, 5-foot strands, sizes 000 to 4.

B-2502 Catgut, chromic, in sealed tubes, 5-foot strands, sizes 000 to 4; 10, 20, 30 and 40 day.

B-2504 Catgut, Bartlett Process, plain, in sealed tubes, 5-foot strands, sizes 00 to 4.

B-2506 Catgut, Bartlett Process, tanned, in sealed tubes, 5-foot strands, sizes 00 to 4; 20 and 30 day.

B-2508 Catgut, plain, **Emergency**, in sealed tubes, 20-inch strands, without needles, sizes 00 to 4.

B-2510 Catgut, chromic, **Emergency**, in sealed tubes, 20-inch strands, sizes 00 to 4; 10 and 20 day.

B-2512 Catgut, plain, **Emergency**, in sealed tubes, 30-inch strands with half curved or full curved needles, sizes 00 to 3.

B-2514 Catgut, chromic, **Emergency**, in sealed tubes, 30-inch strands with half curved or full curved needles, sizes 00 to 3; 10, 20 and 40 day.

B-2516 Catgut, plain or chromic, in sealed envelopes, sizes 00 to 4.

B-2518 Catgut, plain or chromic, in 3-spool bottles, 3 sizes in bottle.

B-2520 Circumcision Suture, in sealed tubes, plain catgut, 30-inch strand, threaded on a full-curved needle, sizes 00, 0, 1.

B-2522 Horsehair, in sealed tubes.

B-2524 Silk, twisted, in sealed tubes, 2-yard strands, white or iron dyed.

B-2526 Silk, twisted, in sealed tubes, **Emergency**, white or iron dyed, with half curved or full curved needles.

B-2527 Silk, twisted, dry-sterile, in sealed envelopes.

B-2528 Silkwormgut, in sealed tubes, 6-13-inch strands in each tube.

B-2530 Silkwormgut, in sealed tubes, 2-13-inch strands in each tube.

B-2532 Obstetrical or Perineal Sutures, in sealed tubes, chromic catgut, 30-inch strand, threaded on a full-curved needle No. 6.

B-2534 Obstetrical or Perineal Sutures, in sealed tubes, silk, 30-inch strand, threaded on a full-curved needle No. 6.

B-2536 Obstetrical or Perineal Sutures, in sealed tubes, silkwormgut, threaded on a full-curved needle No. 6.

B-2540 Bone Wax, sterile, in sealed tubes.

**Illustrated, Descriptive List of Sterilized Sutures and Ligatures sent on Request.**
Trocars

*B-2570 Trocar, anasarca, Southey's.
B-2575 Trocar, Birch's, with perforated canulae.
*B-2580 Trocar, Emmet's, small, No. 10 French scale.
B-2585 Trocar, exploring, German silver canulae.
*B-2590 Trocar, Fowler's, pocket, with salt infusion needles.
*B-2595 Trocar, Guitera's, perineal.
B-2600 Trocar, pocket, 4 sizes.
*B-2605 Trocar, reversible, in wire handle, 6 sizes.
B-2610 Trocar, Kashimura's, thoracic, with stop cock.
B-2615 Trocar, Lower's, for suprapubic drainage of bladder.
B-2620 Trocar, Ochaner's, gall bladder, 3 sizes, 1/8, 1/2, 1/4 inch diameter.
B-2625 Trocar, Robinson-Brauer's, thoracic, for pneumothorax.
B-2630 Trocar, plain, reversible, with off-flow scoop.
**Trocars**

B-2635 Trocar, with disc and snap canulae, 3 sizes.
B-2640 Trocar, flat handle, reversible, 4 sizes.
B-2645 Trocar, telescopic, pencil case form, 3 in set.
*B-2650 Trocar, telescopic, pencil case form, 4 in set.
*B-2655 Trocar, telescopic, flat handle form, 3 in set.
B-2660 Trocar, telescopic, flat handle form, 4 in set.
*B-2662 Trocar for Potain’s aspirator, 3 sizes.

**Trocars, Ovarian**

B-2665 Emmet’s.
*B-2670 Pean’s.
*B-2675 Wylie’s, blunt.
*B-2680 Wylie’s, sharp.

**Trocars, Vesical**

B-2685 Buck’s.
B-2690 Plain.
B-2695 Fleurant’s.
Thermo and Actual Cauterettes

B-2720 **Paquelin** Thermo Cautery, complete as shown.
B-2725 Perfected Auto Ether Cautery, complete as shown.
*B-2730* Thermo Cautery Bulb, pure gum, with net.
*B-2735* Thermo Cautery Burner, platinum, sharp taper point.
*B-2740* Thermo Cautery Burner, platinum, knife shape.
*B-2745* Thermo Cautery Burner, platinum, button point.
B-2750 Actual Cautery Iron, set of 3, fitting in one handle.
*B-2755* Actual Cautery Iron, round point, rigid handle.
*B-2756* Actual Cautery Iron, flat button point, rigid handle.
*B-2757* Actual Cautery Iron, conical point, rigid handle.
B-2760 Actual Cautery Copper, light, with wood handle.
B-2765 Alcohol Lamp for heating thermo cautery burners.
*B-2770* Gas Stove for heating actual cautery burners.

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Pocket Case Knives

B-2800  Pocket Case Knife, concave handle, any style blade.
B-2805  Pocket Case Knife, plain handle, any style blade.
*B-2810  Pocket Case Knife, plain handle, short.
*B-2815  Pocket Case Knife, 4 blades, aluminum handle, folding, in pouch.
*B-2820  Pocket Case Knives, double, aluminum handle.
Pocket Cases

B-2851 Vest Pocket Case. Contents: 2 Little’s knives, 1 straight scissors, 1 thumb forceps, 1 director and tongue tie, 1 Gross’ hook and spoon, needles and silk, in fine black grained leather case.

B-2852 Vest Pocket Case. Contents: 2 Little’s knives, 1 straight scissors, 1 thumb forceps, 1 director and tongue tie, 2 probes, 1 Gross’ ear spoon and hook, 1 Pean’s haemostatic forceps, needles and silk, in black leather case.
Vest Pocket Case No. 2, in fine black grain leather case.

B-2853 Vaughan’s Vest Pocket Case, Khaki Case, contents: 2 Little’s knives in metal rack, 1 straight scissors, 1 thumb forceps, 1 director and tongue tie, 2 probes, 1 Gross’ ear hook and spoon, 1 Pean’s haemostat, needles and silk.

B-2854 Vaughan’s Emergency Pocket Case, Khaki Case, contents: 1 thermometer in metal case, 1 Luer syringe 1½ cc., 2 Luer needles in clip holders, 1 Lindridge hypodermic spoon for sterilizing injections, 1 screw cap bottle, 1 bottle asbestos, 1 Mead’s abscess knife in metal container, 1 thumb forceps, 5 inches, 1 Tait’s haemostat, 1 grooved director and tongue tie, 1 combined male and female catheter, a straight scissors, 4½ inches, 1 Lister’s bandage scissors, 5½ inches.
Pocket Cases

B-2858 Arthur's Pocket Instrument Set, contents: 4 knives, 1 thumb dressing forceps, 1 director and tongue tie, 1 pair probes, 1 straight scissors, 1 artery forceps, 1 Gross' ear spoon and hook, needles and silk, in a closely woven, high grade khaki canvas case that can be easily washed or sterilized.

B-2860 Pocket Case, contents: 4 long concaved handle knives, 1 straight scissors, 1 thumb forceps, 1 Pean's forceps, 2 probes, 1 director and tongue tie, 1 ear hook and spoon, needles and silk.

*B-2861 Pocket Case, contents: same as B-2860, but with plain handle knives.

Cases put up in black morocco grain leather.

*B-2865 Pocket Case, contents: 4 long concaved handle knives, 1 straight scissors, 1 thumb forceps, 1 Pean's forceps, 1 exploring needle, 1 ear spoon and director, 2 probes, 1 needle holder, needles and silk.

*B-2866 Pocket Case, contents: same as B-2866, but with plain handle knives.

Cases put up in black morocco grain leather.
Pocket Cases

B-2868 Pocket Case, contents: 5 long concaved handle knives, 1 Parker’s catheter and caustic holder, 1 thumb forceps, 1 straight scissors, 1 Pean’s needle forceps, 1 ear hook and spoon, 1 director and tongue tie, 2 probes, needles and silk.

*B-2869 Pocket Case, contents: same as B-2868, but with plain handle knives.

Cases put up in black morocco grain leather.

B-2875 Pocket Case, in genuine calf case.

Contents

6 Little’s knives, assorted
1 Pean’s haemostatic forceps
1 Jones’ haemostatic forceps
1 straight scissors
1 thumb forceps
1 Parker’s combined catheter
1 Gross’ ear spoon and hook
1 director with tongue tie
1 pair of probes
Needles and silk
Pocket Cases

B-2880 **Pocket Case**, contents: 6 long concaved handle knives, 1 thumb forceps, 1 Keen's needle holder, 1 straight scissors, 4½ inches, 1 Pean's forceps, 1 ear hook and spoon, 1 Parker's combined catheter and caustic holder, 1 exploring needle, 1 director and tongue tie, 2 probes, needles and silk.

*B-2881** Pocket Case, contents: Same as B-2880, but with plain handle knives.

Cases put up in genuine morocco.

B-2885 **Pocket Case**, contents: 6 long plain handle Little's knives, 1 straight scissors, 1 Parker's catheter with caustic holder, 1 Pean's needle forceps, 1 thumb forceps, 1 director and tongue tie, 1 ear hook and spoon, 2 probes, needles and silk.

*B-2886** Pocket Case, contents: same as B-2885, but with fine concaved handle knives.

Cases put up in black morocco and seal grain leathers.
The Whitmarsh-Douglass Pocket Case, plain handled knives, plain leather case.

* B-2871 The Whitmarsh-Douglass Pocket Case, concave handle knives, plain leather case.

* B-2872 The Whitmarsh-Douglass Pocket Case, plain handle knives, khaki case.

* B-2873 The Whitmarsh-Douglass Pocket Case, concave handle knives, khaki case.

* B-2874 The Whitmarsh-Douglass Pocket Case, concave handle knives in fine grained black morocco case.

Contents: 1 scalpel, 1 curved sharp bistoury, 1 curved blunt bistoury, 1 straight sharp bistoury, 1 tenatome, 1 Pean's haemostatic forceps, 1 straight scissors, 1 spring dressing forceps, 1 groove director and tongue tie, 1 Gross's ear instrument, 1 male and female combined catheter with caustic holder, 1 pair silver probes, 1 dozen assorted needles, 1 card twisted silk.

Little's Metal Aseptic Case, with fine concaved handle knives.

*B-2881 Little's Metal Aseptic Pocket Case, with plain handle knives.

Contents: 6 special fine Little's knives, 1 fine scissors, 1 Pean's forceps; 1 Parker's catheter with caustic holder, 1 Keen's needle holder, 1 Gross's ear hook and spoon, 1 metal exploring needle, 1 flat end director, 2 probes, 1 thumb dressing forceps, needles and silk. Case made of German silver, heavily plated. Racks are of metal and can be removed from the case. Measurements, 5 5/8 inches long; 1 3/4 inches wide, 3/4 inch thick, furnished with cloth button pouch for carrying.
Pocket Cases and Nurses' Cases

B-2885 *The Jefferson Pocket Case*, contents: 5 operating knives, 1 haemostatic forceps, Kelly’s, 1 Mathieu needle holder, 1 haemostatic forceps, Pean’s, 1 straight scissors, 5½ inches, 1 male and female combined catheter, 1 spring dressing forceps, 4½ inches, 1 groove director and tongue tie, 1 pair silver probes, 4½ inches, 1 dozen needles, assorted, 1 card twisted silk.

*B-2895 Nurses’ Pocket Case*, contents: 1 hypodermic syringe, 1 scissors, 1 haemostatic and dressing forceps, 1 glass female catheter, 1 clinical thermometer, in round cornered satin lined case, covered with chocolate colored morocco.

*B-2900 Nurses’ Pocket Case*, contents: 1 male and female catheter, 1 clinical thermometer, 1 scissors, 1 thumb dressing forceps, 1 pair probes; case is made of fine black grain leather; pocket case style, very neat and compact.

*B-2905 Nurses’ Pocket Case, Bellevue Hospital*, contents: 1 silver female catheter, 1 thermometer with certificate, 1 fine scissors, 1 Pean’s haemostatic forceps, 1 silver probe, 1 fine thumb dressing forceps; case is of black morocco.

*B-2906 Nurses’ Pocket Case, Bellevue Hospital*, same contents as B-2905, but with plated catheter.
Nurses’ Cases

B–2910 **Nurses’ Chatelaine Case**, without closing flaps, furnished with red cross or black chatelaine hook, contents: 1 thumb forceps, 1 all metal hypodermic syringe with needles, 1 scissors, 1 probe, 1 clinical thermometer in metal case, 1 female catheter.

B–2915 **Nurses’ Chatelaine Case**, with closing flaps, furnished with red cross or black chatelaine hook, contents: 1 thumb forceps, 1 all metal hypodermic syringe with needles, 1 scissors, 1 probe, 1 clinical thermometer, in metal case, 1 female catheter, plated; case is made of black morocco or monkey leather grain.

*B–2916 Nurses’ Chatelaine Case, same as B–2915, but in khaki case with red cross hook.*

B–2920 **Nurses’ Companion, Pocket Case**, contents: bath thermometer, fine quality, minute clinical thermometer, hypodermic syringe with glass barrel, leather expanding piston, 2 hypodermic needles, Pean’s forceps, straight scissors, angular bandage scissors, thumb forceps, pocket knife with 2 blades, pair of probes, lead pencil, 2 hypodermic vials, glass catheter, in folding leather case.
Nurses’ and Minor and General Operating Cases

B-2925 *Training School Nurses’ Set*, contents: 1 probe, 1 director and tongue tie, 1 combined hypodermic syringe with solid gold needle and a one minute clinical thermometer, 1 dressing forceps, 1 bandage scissors, 1 straight scissors, 1 bath thermometer in plated case, 1 haemostatic forceps, and 1 baby scale, put up in very neat tan canvas of special quality.

*B-2940 Compact Operating Set*, contents: large amputating saw, removable handle; Liston’s 8½ inch bone forceps, with spring; 3 Pean’s haemostatic forceps, curved scissors, Keen’s needle holder, 5 inches; Esmarch’s tourniquet with hook and chain, amputating knife, 7 metal handle operating knives, assorted blades to suit; flat end director, pair of probes, needles and silk; this case is extremely compact and well arranged; every instrument is perfectly aseptic, and mounted in two metal removable racks; the case is handsome and durable with metal corners and has a comfortable handle; the racks are either nickel plated or aluminum, as desired, the latter being considerably lighter.

*B-2941 Compact Operating Set*, same as B-2940, but with Galt’s trephine and elevator and raspatory added.

*B-2945 Compact General Operating Set*, in morocco covered case, contents: large amputating saw, removable handle, medium amputating knife, small Catlin knife; 7 best Minor operating knives, assorted blades to suit; Esmarch’s tourniquet, Galt’s trephine, Hey’s skull saw, trephining elevator and raspatory; 8½ inch bone forceps with spring; large size double end Volkman’s bone curette; bone chisel, bone gouge, 2 Tait’s haemostatic forceps; 1 reversible metal handle trocar, angular bandage shears, 2 Pean’s haemostatic forceps, straight scissors, curved scissors, thumb dressing forceps, lifting back metacarpal saw, large Keen’s needle holder, pair Parker’s retractors, American bullet forceps with catch, Nelaton’s porcelain head bullet probe, pair plated probes, director and aneurism needle, needles and silk assorted.

*B-2946 Compact General Operating Set*, same as B-2945, but in sole leather case.
Drainage Apparatus and Tubes

*B-2955 Behan's Empyema Outfit.
B-2960 Mozingo's Empyema Apparatus, complete as shown.
*B-2962 Saugmann's Pneumo-thorax Apparatus.
*B-2964 Forlanini's Pneumo-thorax Needle, with slip connection.
*B-2966 Robinson-Brauer's Pneumo-thorax Trocar. See B-2625.
B-2980 Brewer's, soft rubber, for empyema, 2 sizes.
B-2982 Colton's, metal, plated, 3 sizes.
*B-2984 Ferguson's, silver, prostatic.
B-2986 Kelly's, soft rubber, for pelvic abscess.
B-2988 Moynihan's, glass, abdominal, straight.
B-2989 Moynihan's, glass, abdominal, curved, 3 sizes.
B-2995 Paul's, glass, for small intestine, 3 sizes.
B-2996 Paul's, glass, for large intestine, 3 sizes.
**Drainage Tubes**

*B*–2998 Plain, soft rubber, assorted sizes.

*B*–3000 Perforated, soft rubber, assorted sizes.

*B*–3002 Thomas’, glass, straight, plain.

*B*–3003 Thomas’, glass, straight, perforated.

*B*–3004 Thomas’, glass, curved, plain.

*B*–3005 Thomas’, glass, curved, perforated.

*B*–3007 Wilson’s, soft rubber, for empyema, 3 sizes.

**Irrigating and Suction Tubes**

B–3010 Poole’s, Abdominal Irrigator, with stop cock, 9 inches long, 30 French scale.

B–3011 Poole’s, Abdominal Irrigator, with stop cock, 13 inches long, 1 inch in diameter.

B–3012 Poole’s, Abdominal Suction Tube, 8½ inches long, 23 French scale.

B–3014 Poole’s, Abdominal Suction Tube, 8½ inches long, 30 French scale.

*B*–3020 Chapman’s Water Suction Pump, for above, with soft rubber slip connection.

*B*–3021 Chapman’s Water Suction Pump, for above, with metal screw cap connection.
Bandage Rollers
B–3030 Douglass, geared, rapid winding.
B–3032 Jobse's, nickel-plated, with one table clamp.
B–3034 Jobse's, nickel-plated, with two table clamps.

Iodoform Boxes
B–3040 Fowler's, metal, nickel-plated.
*B–3041 Fowler's, metal, nickel-plated, with 3 compartments.
*B–3045 Green's, glass, with hard rubber mountings.
B–3050 Hard Rubber, medium.

Sundries
B–3055 Gosman's Rust Preventif, in collapsible tube.
*B–3056 Gosman's Rust Preventif, small jar.
*B–3057 Gosman's Rust Preventif, large jar.
*B–3060 Halstead's Silver Foil, for dressing, 24 leaf books.
Bandage Scissors

B-3080  Gauze, heavy pattern, 6½ inches and 7 inches.
B-3085  Gauze, extra heavy pattern, 6½ inches and 7½ inches.
B-3090  Lister's, 4½ inches, 5½ inches, 7 inches and 8 inches.
*B-3095  Lister's, with square shanks, 6 inches and 7 inches.
B-3100  U. S. A. pattern.

Plaster Bandage Knives

B-3105  Curved blade.
B-3110  Esmarch's, with wedge.
Plaster Bandage Shears

B-3115 Esmarch’s, 8 inches.
B-3116 Esmarch’s, 9¼ inches.
B-3120 Esmarch’s, with eccentric joint, 8 inches.
B-3121 Esmarch’s, with eccentric joint, 9¼ inches.
B-3125 Esmarch’s, New York Hospital pattern.
*B-3130 Seutin’s.
*B-3131 Seutin’s, with eccentric joint.
B-3135 Stille’s, 9 inches, for one hand.
*B-3140 Stille’s, 14½ inches, heavy, for two hands.
*B-3145 Wight’s.

Plaster Bandage Saws

*B-3160 Bergmann’s.
B-3165 Engel’s.
Surgical Dressings

Gauze, Sterilized

B-3200 Individual, No. 1, each carton contains 10 pieces of gauze, 1 x 18 inches, each piece sterilized and individually wrapped, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform and thymol iodide.

B-3201 Individual, No. 2, each carton contains 5 pieces of gauze, 2 x 18 inches, each piece sterilized and individually wrapped, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform and thymol iodide.

B-3202 Individual, No. 3, each carton contains 2 pieces of gauze 4 1/2 x 36 inches, individually wrapped and sterilized, also put up, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and Thymol iodide.

B-3203 Individual, No. 4, each carton contains 1 piece of gauze, 9 x 36 inches, individually wrapped and sterilized, also put up, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and Thymol iodide.

Individual, No. 5, this is a piece of close mesh gauze, 36 x 36 inches, individually wrapped and sterilized, 25 pieces in a box, obtainable in plain, borated, carbolated, corrosive sublimate, iodoform, picric acid and thymol iodide.

B-3250 Individuals, No. 6, this is a piece of medium mesh plain gauze, 36 inches wide and 36 inches long (1 square yard), individually wrapped and sterilized, 26 pieces in a box.

B-3255 Individuals, Assorted No. 1, a complete assortment of gauze dressings, each individually wrapped and sterilized, containing: 10 pieces Individuals No. 6 (1 yard); 10 pieces Individuals No. 5 (1 1/4 yard); 10 pieces Individuals No. 4 (1 1/2 yard); 10 pieces Individuals No. 3 (1/2 yard), 2 cartons Individuals No. 2, each carton contains 5 pieces of gauze 2 inches wide, 18 inches long; 2 cartons Individuals No. 1; each carton contains 10 pieces of gauze, 1 inch wide, 18 inches long.

B-3260 Umbilical Dressing, No. 1; a compact and sterile dressing for the umbilical cord, consisting of 2 gauze pads, 4 inches square, one being perforated in the centre to slip over the cord, and the other to complete the dressing; an envelope containing 2 pieces of Umbilical Tape, each ten inches long; a tube of boric acid to make a solution for cleaning the infant's eyes and mouth immediately after birth and afterwards for bathing the nipples and washing the baby's mouth before and after nursing. This Umbilical Dressing is distinguished for its convenience, compactness and safety.

B-3265 Umbilical Dressing, No. 2; contains the same articles as the Umbilical Dressing No. 1, with the addition of one tube of Umbilical Cord Powder, composed of acid salicylic and starch, and one ampoule silver nitrate solution, 1 per cent, which is intended for instillation into the eyes of infants to prevent ophthalmia neonatorum; the ampoule is of amber glass and is so shaped that it can be opened at both ends; a rubber nipple is included, making the container a medicine dropper.
Surgical Dressings

B-3270 Umbilical Tape, in sealed envelope.
B-3271 Umbilical Tape, 20 yards, in bottle.
B-3272 Umbilical Tape, in sealed tubes.

Gauze Strips in Glass Tubes, Sealed and Sterilized
B-3275 Plain, aseptic, 3/4 inch by 6 yards.
B-3276 Plain, aseptic, 1 inch by 3 1/4 yards.
B-3280 Iodoform, 3/4 inch by 6 yards, 5 per cent.
B-3281 Iodoform, 1 inch by 3 1/2 yards, 5 per cent.
B-3282 Iodoform, in glass jars, 1 inch by 20 yards, 5 per cent.
B-3283 Iodoform, in glass jars, 2 inches by 10 yards, 5 per cent.

Tampons, Wool
B-3290 Large, 1 x 2 3/4 inches approximately, 12 in a box.
B-3291 Small, 3/4 x 2 3/4 inches approximately, 12 in a box.

Gauze Bandages, Sterilized, Each Wrapped in Sealed Paper
B-3292 1 inch by 10 yards.
B-3293 3/4 inches by 10 yards.
B-3294 2 inches by 10 yards.
B-3295 2 1/4 inches by 10 yards.
B-3296 3 inches by 10 yards.
B-3297 3 1/4 inches by 10 yards.
B-3298 4 inches by 10 yards.

Cotton Roller Bandages, Unbleached Muslin, Paper Wrapped
B-3300 1 inch by 5 yards.
B-3301 2 inches by 5 yards.
B-3302 3 inches by 5 yards.
B-3303 4 inches by 5 yards.

Plaster Paris Bandages, Each Bandage in Airtight Metal Container
B-3305 1 1/2 inches by 5 yards.
B-3306 2 inches by 5 yards.
B-3307 2 1/2 inches by 5 yards.
B-3308 3 inches by 5 yards.
B-3309 3 1/2 inches by 5 yards.
B-3310 4 inches by 5 yards.

Adhesive Plaster, Zinc Oxide
B-3320 7 inches by 1 yard, roll.
B-3321 12 inches by 5 yards, roll.
B-3325 3/4 inch by 10 yards, on spool.
B-3326 1 inch by 10 yards, on spool.
B-3327 1 1/2 inches by 10 yards, on spool.
B-3328 2 inches by 10 yards, on spool.
B-3329 2 1/2 inches by 10 yards, on spool.
B-3330 3 inches by 10 yards, on spool.
B-3331 3 1/2 inches by 10 yards, on spool.
B-3332 4 inches by 10 yards, on spool.
B-3335 7 inches by 1 yard, roll. On Moleskin Cloth.
B-3336 12 inches by 5 yards, roll. On Moleskin Cloth.

Absorbent Cotton, Sterilized, Fine Quality, Packaged in Cartons
B-3340 1 pound package.
B-3341 8-ounce package.
B-3342 4-ounce package.
B-3343 2-ounce package.
B-3344 1-ounce package.
B-3345 1/2 ounce package.

Absorbent Cotton, Unsterilized, Plain Quality, in Paper Rolls
B-3350 1-pound package.

Non-Absorbent Cotton, Sterilized, Packaged in Cartons
B-3355 1-pound package.

Miscellaneous Dressings, etc.
B-3360 Large size, 4 dozen in box.
B-3361 Small size, 4 dozen in box.

Redintol Cotton, For Use with Redintol Burn Dressing
B-3370 18 x 24 inches, each in carton.

Simpson's Intra Nasal Tampons
B-3375 Large size, 4 dozen in box.
B-3376 Small size, 4 dozen in box.

Lamb's Wool, Sterilized, in Cartons
B-3380 100 sheets, 9 x 12 inches, in box.
B-3381 1 pound cake, Redintol Burn Dressing.
B-3385 Lubricating Jelly, soluble in water, in collapsible tube.

Gutta Percha Tissue, 1-yard package.
B-3390 Gutta Percha Tissue, 1-yard package.

Gutta Percha Cake, Redintol Burn Dressing.
B-3391 Gutta Percha Cake, 1-pound package.

Cellophane
B-3400 Hospital, heavy, double weight, impervious form, 18 inches by 12 feet.
B-3401 Hospital, single weight, impervious form, 18 inches by 12 feet.
B-3402 Standard, heavy, double weight, impervious form, 9 inches by 12 feet.
B-3403 Standard, single weight, impervious form, 9 inches by 12 feet.
B-3405 Standard Perforated, double weight, 9 inches by 12 feet.

Oiled Silk
B-3410 30 inches by 1 yard, roll.
B-3411 30 inches by 5 yards, roll.

Oiled Muslin
B-3415 36 inches by 1 yard, roll.
B-3416 36 inches by 5 yards, roll.

Oiled Dressing Paper
B-3420 24 inches by 25 yards, roll.

Surgeons' Rubber Gloves
B-3430 Pure Gum, seamless, medium weight, long or short fingers, rough or smooth finish.
Surgeons' and Nurses' Gowns

The regular weight gowns are made of fine grade heavy Linene. The lightweight gowns are made of fine grade Muslin.

When ordering, specify whether regular weight or lightweight are desired.

Regular stock sizes of Surgeons' Gowns are:
- Chest: 38 inches, 40 inches, 42 inches, 44 inches, 46 inches, 48 inches, 58 inches, 60 inches.
- Waist: 50 inches, 52 inches, 54 inches, 56 inches, 58 inches, 60 inches.

Special sizes are made to order

*B-3500 Standard Gowns, long sleeves.
*B-3501 Standard Gowns, short sleeves.
*B-3505 Yoke Gowns, long sleeves.
*B-3506 Yoke Gowns, short sleeves.

Regular stock sizes of Nurses' Gowns are:
- Bust: 36 inches, 38 inches, 40 inches, 42 inches, 44 inches, 46 inches, 48 inches.
- Length: 48 inches, 50 inches, 52 inches, 54 inches, 56 inches, 58 inches.

Special sizes are made to order

*B-3510 Nurses' Gowns, high collar, long or short sleeves.
*B-3511 Nurses' Gowns, without collar, long or short sleeves.
*B-3512 Nurses' Gowns, with V-neck, long or short sleeves.

Regular stock sizes of Operating or of Office Coats are:
- Chest: 36 inches, 37 inches, 38 inches, 40 inches, 42 inches, 44 inches, 46 inches, 48 inches.
- Pajama style Operating Trousers are made small, medium and large, with draw-strings to tie at waist and plain bottoms which may be rolled up.

Regular stock sizes of Office Trousers are:
- Waist: 30 inches, 31 inches, 32 inches, 33 inches, 34 inches, 35 inches, 36 inches.
- Inseam: 30 inches, 31 inches, 32 inches, 33 inches, 34 inches, 35 inches, 36 inches.
- Waist: 34 inches, 34 inches.
- Inseam: 38 inches, 40 inches.

*B-3515 Operating Coats, high neck, military collar, white Linene.
*B-3516 Operating Trousers, pajama style, white Linene.
*B-3518 Operating Suits, one piece, made in small, medium and large.
*B-3520 Office Coats, military style, white Linene.
*B-3521 Office Coats, military style, heavy white Duck.
*B-3525 Office Trousers, military style, white Linene.
*B-3525 Office Trousers, military style, heavy white Duck.
Contagious Disease Gowns, Operating Aprons and Caps

B-3530 Contagious Disease Gowns, sizes same as operating gowns.
B-3535 Aprons, white twill, short, 46 inches.
B-3536 Aprons, white twill, medium, 50 inches.
B-3537 Aprons, white twill, long, 54 inches.
B-3540 Aprons, rubber, short, 46 inches.
B-3541 Aprons, rubber, medium, 50 inches.
B-3542 Aprons, rubber, long, 54 inches.
*B-3545 Aprons, Valentines, rubber, for use by patient.
*B-3550 Aprons, oiled fabric, small
*B-3551 Aprons, oiled fabric, medium.
*B-3552 Aprons, oiled fabric, large.
B-3555 Surgeons' Caps, plain.
*B-3556 Surgeons' Caps, ventilated.
B-3560 Mayo's Head Cover, plain.
B-3561 Mayo's Head Cover, ventilated.
B-3565 Nurses' Caps, plain.
B-3566 Nurses' Caps, helmet.
*B-3570 Surgeons’ Operating Shoes, to cover street shoes, small, medium and large.
Leg Holders

B-3580 Clover's Crutch, lithotomy position, leather covered.
B-3585 Kelly's, made of heavy canvas.
B-3590 Mallet's, made of heavy canvas.
B-3595 Robb's, made of heavy canvas.
Instrument Rolls

These rolls are well made and easily washed. They have two large and two small pockets at the end of the roll for sutures and small articles.

They are made with either single or double rows of adjustable loops.

Sizes Nos. 1, 2 and 3 are usually used for Uterine, Urethral and General Operating Instruments. Nos. 4, 5 and 6 are especially designed for Obstetrical instruments.

Special sizes and styles made to order promptly.

White Canvas (regular)

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Special Fast Tan High Grade Khaki

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NOTE—In ordering please specify size and material wanted.