

RADIUM
780

CATALOG

of

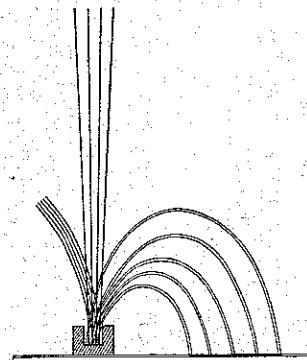
RADIUM

and

Accessory Equipment

for

Modern
Radium Therapy



CANADIAN RADIUM & URANIUM CORPORATION

630 FIFTH AVENUE • ROCKEFELLER CENTER • NEW YORK CITY

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ALL needs of the Western Hemisphere for Radium and associated minerals can now be supplied wholly within the Western Hemisphere, following the successful development of the rich reserves of ore at Great Bear Lake, the completion of large modern refining facilities at Port Hope, Ontario, and the organization of complete supplementary treating, servicing, and research facilities in the United States.

We are prepared to supply in any quantity high-purity Radium, not only in standard containers as illustrated, but in special types of tubes, needles, cells and plaques to meet the specifications of physician or hospital. This service applies to radium accessory equipment as well.

All radium containers are sold by us under official measurement certificates of the National Bureau of Standards, Washington, D. C.

All radium certified and guaranteed free of mesothorium and all other short-lived radioactive substances.

We maintain large stocks of therapeutic radium.

Our organization is staffed by outstanding technical advisers, thoroughly acquainted by long experience with the requirements of the Medical Profession.

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RADIUM CONTAINERS

EUROPEAN-TYPE PLATINUM-IRIDIUM TUBES



Tubes enclose a platinum-iridium cell containing the radium. Total filtration, 0.5 mm., 1.00 mm. or 1.5 mm.

AMERICAN-TYPE PLATINUM-IRIDIUM TUBES



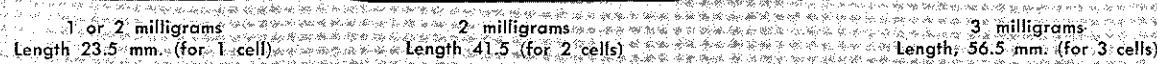
Radium filled directly into tube—no inner cell. Filtration, 0.5 mm., 1.00 mm. or 1.5 mm.

AMERICAN-TYPE PLATINUM-IRIDIUM NEEDLES



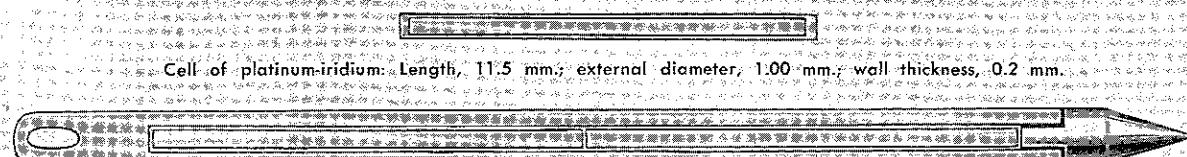
Radium filled directly into needle—no inner cell. Filtration, 0.5 mm.

EUROPEAN-TYPE PLATINUM-IRIDIUM NEEDLES

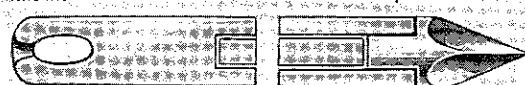


Radium contained in platinum-iridium cells enclosed in needles. Total filtration, 0.5 mm.

CROSS-SECTION OF REMOVABLE CELL, WITH COMPLEMENTARY SHEATH NEEDLE

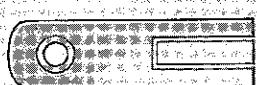


Cell of platinum-iridium. Length, 11.5 mm.; external diameter, 1.00 mm.; wall thickness, 0.2 mm.
Needles of gold alloy, 24.5 mm., 36.0 mm., 47.5 mm., and 59.0 mm., to hold, respectively, 1, 2, 3, and 4 cells. Uniform wall thickness of needles 0.4. Total filtration equivalent to 0.5 mm. platinum.



Grooved eyelet

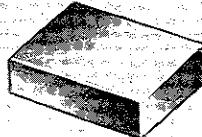
Trocar point



Round eyelet

Conical point

ALL-METAL RADIUM PLAQUES (Facing of 0.1 mm. Monel)

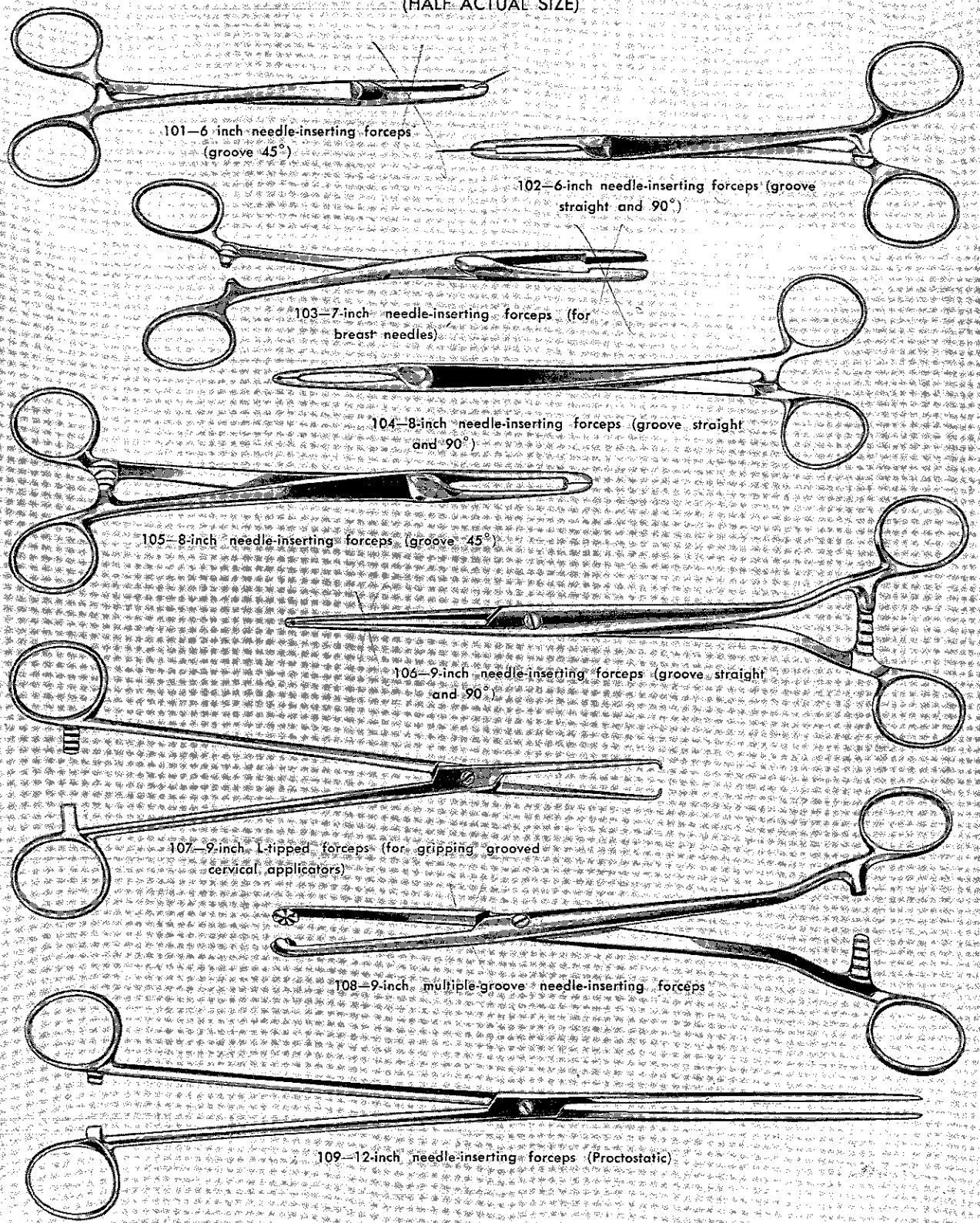


Square or round—Any desired content, size and strength

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RADIAIN ACCESSORY EQUIPMENT

(HALF ACTUAL SIZE)



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RADIUM ACCESSORY EQUIPMENT

(HALF ACTUAL SIZE)

308-A

308-B

308-C

308-D

308—Radium needle pushers—Set of four

309—Needle extractor

310—Prostatic needle applicator

110—Pick-up forceps for needles and cells

111—Pick-up forceps for tubes

112—12-inch pick-up forceps for needles, cells or tubes

113—Opener for screw-cap screens

114—Opener for screw-cap screens—(L-tipped)

115—Curtiss' pick-up forceps for needles and cells

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RADIUM ACCESSORY EQUIPMENT
(HALF ACTUAL SIZE)

301—Type of uterine applicator, with removable handle.—All sizes and metals.

302—Flat applicator, for needles and cells, detachable handle.

303—Antrum applicator, with flexible handle.

304—Nasal applicator, with flexible handles.

305—London colpostat, with detachable handle, all metal.

306—London colpostat, with detachable handle, metal hard rubber covered.

307—Radium sound, set of ten, 12 to 30 Fr. inclusive

116—6-inch curved rubber-jaw holding forceps

117—Biopsy punch

118—9-inch rubber-jaw pick-up and holding forceps

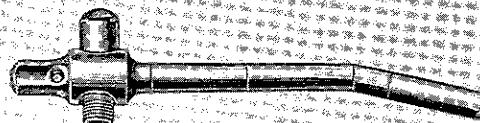
119—Teperson uterine forceps

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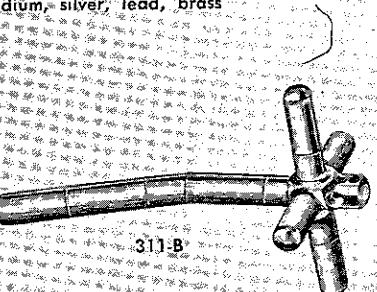
RADIUM ACCESSORY EQUIPMENT



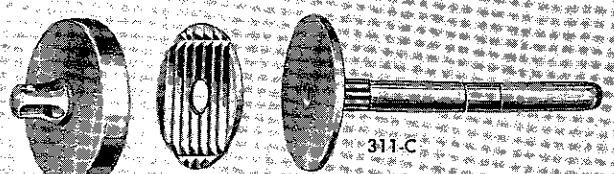
Types of metal capsules to hold tubes, needles or "cells". Platinum-iridium, silver, lead, brass



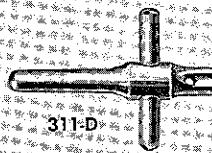
311-A



311-B

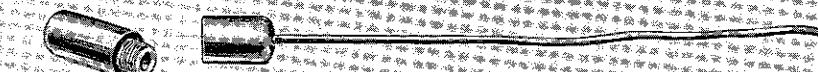


311-C



311-D

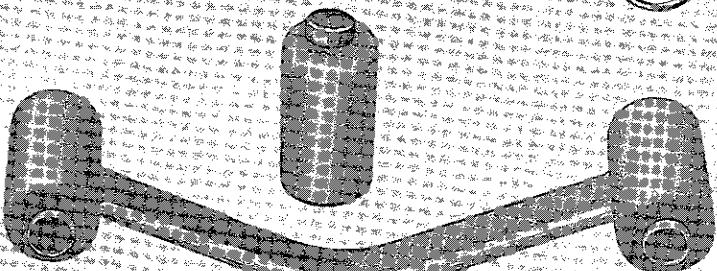
311—Types of cervical-uterine applicators



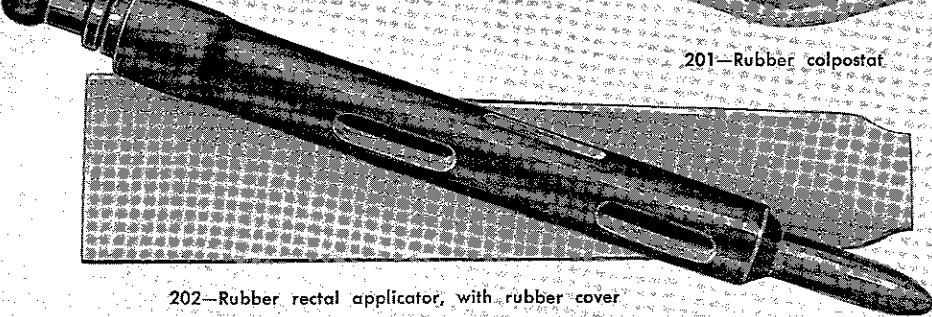
312—Metal rectal applicator, with flexible handle.



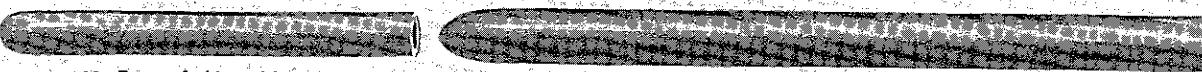
313—Trocars-cannula set, complete with
plungers



201—Rubber colpostat.



202—Rubber rectal applicator, with rubber cover.

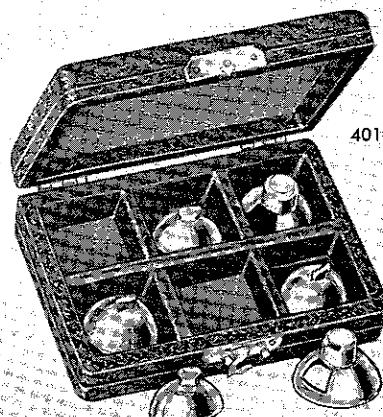


203—Type of thin rubber sac

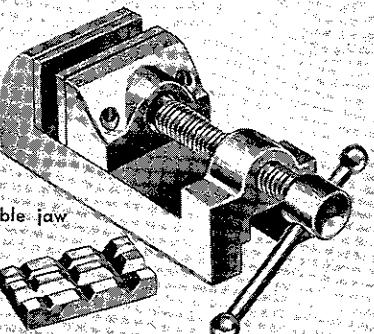


204—Type of blind-end rubber tube

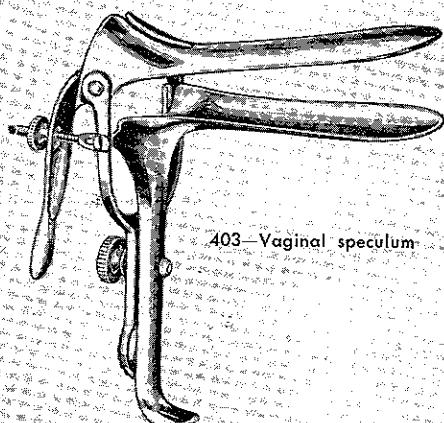
RADIUM ACCESSORY EQUIPMENT



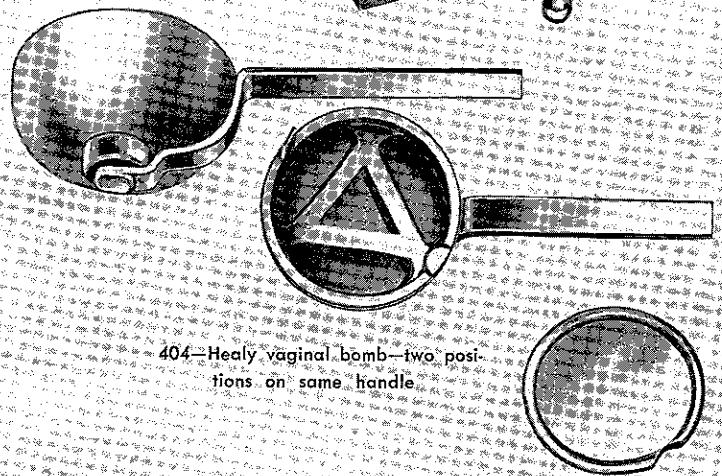
401—Protective eye shields



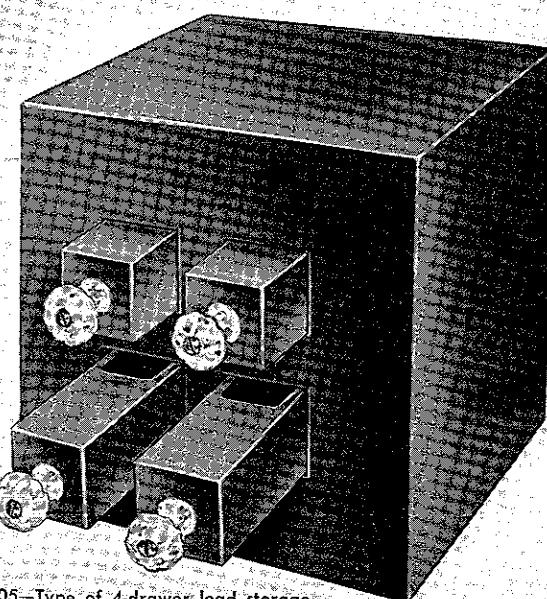
402—Vise, with removable jaw



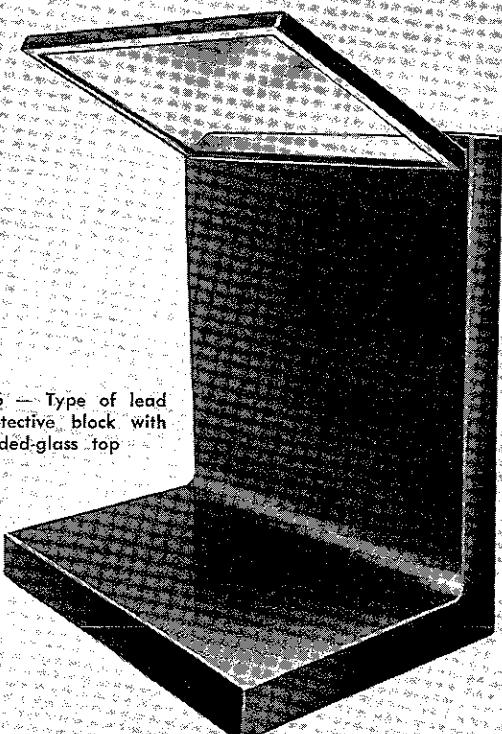
403—Vaginal speculum



404—Healy vaginal bomb—two positions on same handle



405—Type of 4-drawer lead storage cabinet—2 inches lead thickness in every direction from radium



406—Type of lead protective block with leaded-glass top

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RADIUM ACCESSORY EQUIPMENT

(Not Illustrated)

No.

- 120 Bamboo forceps (10½").
- 203 Thin rubber sacs: No. 203-A: 150 mm. length, 5 mm. inside diameter; No. 203-B: 80 mm. length, 6 mm. inside diameter; No. 203-C: 55 mm. length, 5 mm. inside diameter.
- 204 Blind-end rubber tubes: No. 204-A: 150 mm. length, 5 mm. inside diameter; No. 204-B: 150 mm. length, 7 mm. inside diameter.
- 205 Vulcanizing rubber in rolls—metal free.
- 206 Rubber dam for covering plaques—sheets 12" x 24".
- 311-E Cervical-uterine applicator (Parallel cross arms).
- 314 Gold-plated brass eye screen.
- 315 Needle threader.
- 316 Needle-point holder (for sheath needles).
- 317 Flat screens for plaques (All sizes — all metals).
- 318 Lead foil (thickness, 0.5 mm. and 1.0 mm.).
- 319 Aluminum foil (thickness, 0.05 mm., 0.1 mm., 0.2 mm., etc.).
- 320 Kerr molding compound (non-metallic).
- 321 Aluminum shells (All sizes).
- 322-A Waxed braided silk needle thread. No. 8 white, moisture and serum proof. Bottles, 20 yards.
- 322-B Same—spools, 25 yards.
- 323 Balsa wood.
- 407 Lead hand carriers for radium (made to specification).
- 408 Lead-lined box for storing and carrying plaques. Exterior brass chrome-plated. Fitted with chain handle.