

**NEW BURDICK HEAT APPLICATORS.**

The rapidly growing interest in the use of light and heat for both local and general applications, says the *Modern Hospital*, has led to the development of a new line of applicators,

adapted to most approved methods of technique. In designing the new series of applicators the following specifications were carefully adhered to: (1) All electrical construction to comply with the latest code of the National Board of Fire Underwriters; (2) abundant thermal insulation for protection of both patient and operator; (3) construction to be light in weight, making the applicators easily portable, yet strong and durable; (4) electrical control to provide for wide range of temperatures measured by a high-grade standard thermometer, as required for varied methods of technique; (5) adjustability in height and width for use on a wide bed or narrow treatment table, and for handling large or small patients, &c.; (6) the construction to provide for suspending the applicator over the hospital bed, or for collapsing it into a small package when not in use.

Type G is intended, primarily, for continuous general applications of moderate temperatures. The purpose of this applicator is for combating subnormal temperature associated with surgical shock and other debilitating conditions, maintaining a general persistent hyperemia, assisting in the healing of wounds, increased skin elimination, &c. The Anderson tubular ball-bearing hinge

is used in Types G and I, which insures easy adjustments, with unusual strength and durability. It can be expanded to full width of the bed, or narrowed to 22 inches in width for use on a treatment table. When desired, the lighting power and temperature can be run up to maximum requirements for baking and sweating effects.

Type I is intended for making intensive applications to the various sections of the body, as pelvis, chest, hips, knees, &c., or for the prolonged moderate applications. The principle of construction is the same as in Type G; the applicator is adjustable for setting astride the body of a large person or for treating a knee or ankle joint, &c. The

control provides for a range of heat from "continuous mild" to the most intensive applications.

Type P takes the place of hot-water bottles, electric pads, &c., for making local applications. It is light to handle, has thermal insulation for protection of patient and bedding, and has a cut-off switch in cable, easily accessible to either patient or attendant.

The combined series provides a means of bringing phototherapy and thermotherapy into practical hospital use in their broadest sense and at a moderate cost.

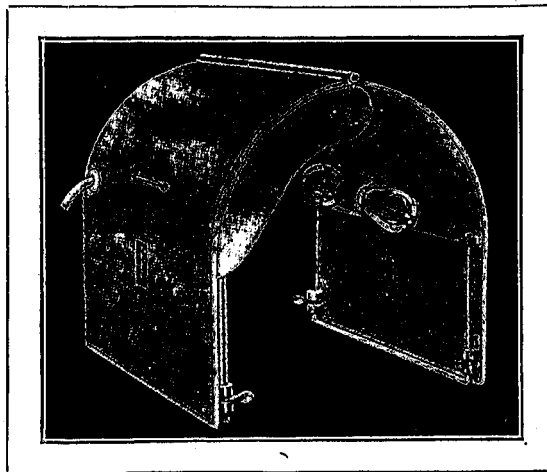


FIG. 1.—TYPE G APPLICATOR.

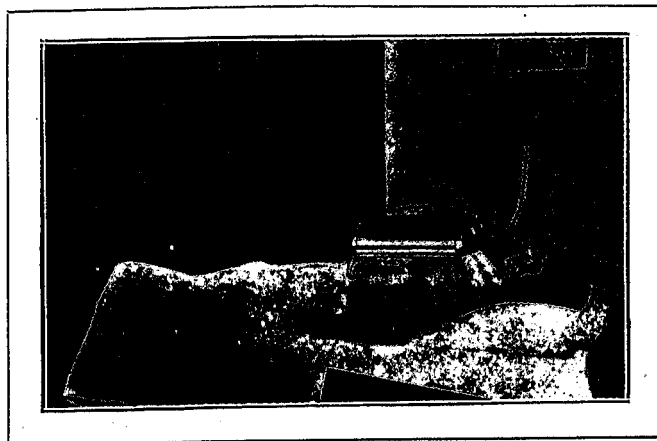


FIG. 2.—TYPE P APPLICATOR USED TO RELIEVE A CASE OF BRONCHITIS.

The London County Council has determined that the London lunatic asylums shall in future be designated mental hospitals, except in legal documents, where an alteration in the name would require an Act of Parliament.

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