

PNEUMATIC ASPIRATION, After the Manner of Dieulafoy.

"It is always possible, owing to Aspiration, to search for a fluid collection without any danger, whatever may be its seat or its nature."
"I have thrust these Needles into almost every part of the body, into the Joints, the Liver, the Spleen, the Bladder, the Intestines, the Lungs and the Meninges and I can affirm, and a great number of observers affirm with me, that we have never seen consecutive accidents."—*Dieulafoy on Pneumatic Aspiration, pp. 21, 24.*

WE invite the attention of the Medical Profession to this New Apparatus for Aspiration, constructed upon the general plan of Potain's modification of Dieulafoy's Aspirator, but containing the following improvements and inventions of our own:—

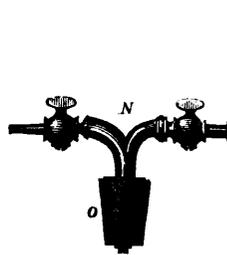
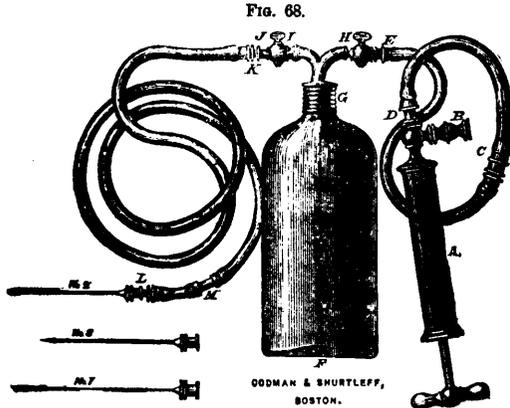


Fig. 69. The Stopper and Cocks supplied with Apparatus No. 2.

1st. Means of changing the pump from an exhaust to a force-pump, and vice versa, thereby enabling the operator not only to withdraw an abnormal fluid, but to inject the cavity through the tubes and needle of the apparatus with one adapted to induce healthy action.—See *Dieulafoy on Aspiration, pp. 276, 278.*

2nd. The employment in our apparatus No. 1, of a metal Screw Cap, fitting the neck of the receiver supplied with this apparatus so securely that it cannot be forced from its place by condensed air while injecting, or accidentally removed while the receiver is in a state of vacuum for aspiration.

3rd. The substitution, for the ordinary oiled silk valves of other apparatuses, of a kind indestructible both in form and material.

4th. A simple and comparatively inexpensive attachment for evacuating the contents of the stomach, equal, if not superior, to any in use hitherto.

Commendations bestowed upon our Aspirators, by physicians familiar with the latest European and American ones, lead us to believe that, in some important particulars at least, they are superior to the others.

In his work on Pneumatic Aspirations, Dieulafoy shows the harmlessness of the Aspiratory Puncture and its great superiority to the Exploring Trocar as a means of accurate diagnosis in all collections of Pathological Fluids. It has been used with unprecedented success in Retention of Urine, Reduction of Strangulated Hernia, in Ascites, Hydrothorax, Empyema, Pneumothorax, Effusions into the Pericardium, Serous, Purulent and Hematic Effusions of the Knee, Hydrocele, Hydatid Cysts, Abscesses of the Liver, and in various other Pathological Lesions.

APPARATUS.

- No. 1. Air Pump—exhaust or condensing as described; 16 oz. receiver, of strong glass, with screw cap; three steel, gold-plated Aspiratory Needles, together with the necessary tubes, stop-cocks, &c., as shown in Fig. 68, fitted in a neat case, accompanied with printed directions..... \$18 00
- No. 2. The same, without receiver and with rubber stopper (See Fig. 69) to fit almost any bottle of quart capacity, or less, instead of screw-cap arrangement, also with printed directions..... 16 00

- No. 3. Dieulafoy's Notched Aspirator, Nickel-plated, with two Needles, tubes, &c., in case..... 14 00
 - No. 4. Stomach Attachment, as described, adapted to pump accompanying Nos. 1 and 2, additional..... 8 00
- The foregoing are the product of our own factory, and are warranted in every respect.*
- Also, Dieulafoy on Pneumatic Aspiration, post-paid, by mail, on receipt of..... 3 40
- Full description on application.*

An Illustrated Catalogue of Surgical and Atomizing Instruments sent by mail, postpaid, on application.

CODMAN & SHURTLEFF,

Makers of Surgical Instruments, 13 and 15 Tremont Street, BOSTON.

N.B.—See our other advertisement in alternate numbers of this journal.

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Stethoscopes, Elastic Stockings,
Apparatus for Club Foot,
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Diseases, &c.

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&c., &c., &c.

Special attention given to Physicians' prescriptions for Office use, such as Elixirs, Fluid Extracts, Pills, Syrups, etc.