THREE-IN-ONE ANAESTHETIC ASSEMBLY

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THE THREE-IN-ONE assembly has been designed to provide an anaesthetic apparatus which is portable, adaptable, and easily sterilized.

It is essentially a Magill re-breathing attachment, modified to give the anaesthetist the choice of three alternatives and readily interchangeable 'circuits'.

The modifications, and the various methods of using the apparatus, are shown in the accompanying figures.

Note.—When using the semi-open continuous flow 'circuit' for induction purposes, depth of anaesthesia is more rapidly obtained if the expiratory valve on the bag mount is used instead of the valve nearest to the face-piece.

Once the desired depth of anaesthesia has been reached, and the patient has been levelled off, anaesthesia can be maintained by the absorption technique or by Ayre's 'T' piece method.

Fig. 1
A standard type of Magill rebreathing attachment.

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Three-in-one Anaesthetic Assembly

FIG. 2
The modified Magill rebreathing attachment.
A and B. Male unions. (Diameter and taper as for Waters' canister connections).
A' and B'. Female unions.
D. Waters' canister expiratory valve and feed mount.
E. Expiratory valve fitted in place of 'on and off' tap on bag mount.
The figure shows the apparatus assembled for use with the semi-open continuous flow technique, with partial rebreathing.

FIG. 3
Assembly for the to-and-fro absorption technique.
The breathing bag may be attached directly to the canister or to the end (A) of the corrugated tubing if desired.
Fig. 4
The apparatus assembled for Ayre's 'T' piece technique