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Systems for Transtracheal Ventilation

To the Editor:—Recently, Gilder described a system for delivering transtracheal ventilation, connecting an intravenous transtracheal catheter to a bag-valve device.¹ There are two other systems that readily are assembled and eliminate the connection between the endotracheal tube and 12-ml syringe barrel. One is a 12- or 14-gauge (in fact, any) intravenous catheter which will connect easily to the adaptor of a 3-mm endotracheal tube. If a 3-mm endotracheal tube is not at hand, the second system should be used. The intravenous catheter also can be attached to the barrel of a 3-ml syringe, which fits to the connector of a 7.5 mm endotracheal tube.

The systems mentioned above (fig. 1) have the ad-

vantages of being short, less cumbersome, and having fewer connections. The standard 15-mm end on both systems can be attached easily to any bag-valve device for ventilation.

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REFERENCE

1. Gilder JS: A simple system for transtracheal ventilation. *ANESTHESIOLOGY* 58:106, 1983

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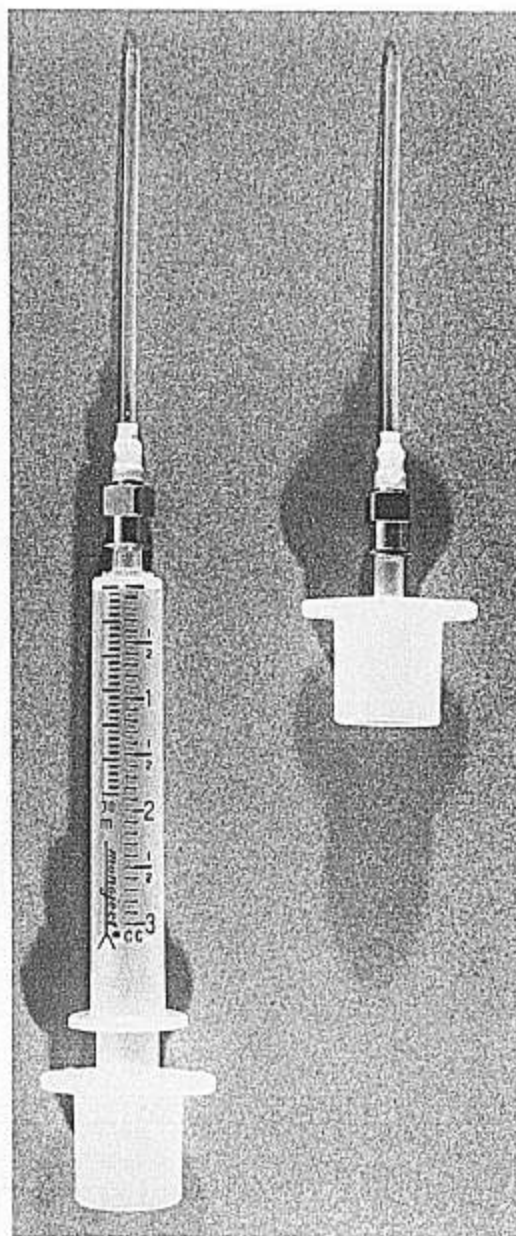


FIG. 1. Systems for delivering transtracheal ventilation.