

Supplementary Material 1

The reversed T-connector had an inlet for the oxygen source that allowed the insertion of a small-bore catheter of various sizes (inner catheter). The tip of the inner catheter was positioned in the narrow part of the 4.5-mm ID ET connector (Fig. 1B). A 4.5-mm ID tubing (ShileyTM endotracheal tube) (Medtronic, USA) was fitted over the narrow part of the 4.5-mm ID ET connector (outer diameter [OD]: 6 mm). The length of the tubing was set to 4 cm beyond the tip of the ET connector (4-cm extension tubing) (Fig. 1B). Additionally, a long silicone tubing (6-mm ID, 23 cm) was fitted over the narrow part of the 4.5-mm ID ET connector that was already covered with an extension tubing. Since the thickness of this extension tubing (ID: 4.5 mm, OD: 6.2 mm) is estimated to be 1.7 mm, the OD of the extension tubing becomes approximately 7.0 mm, allowing for a snug fit with the 6-mm ID silicone tubing when inserted on top of it.