



Big solution with small intervention

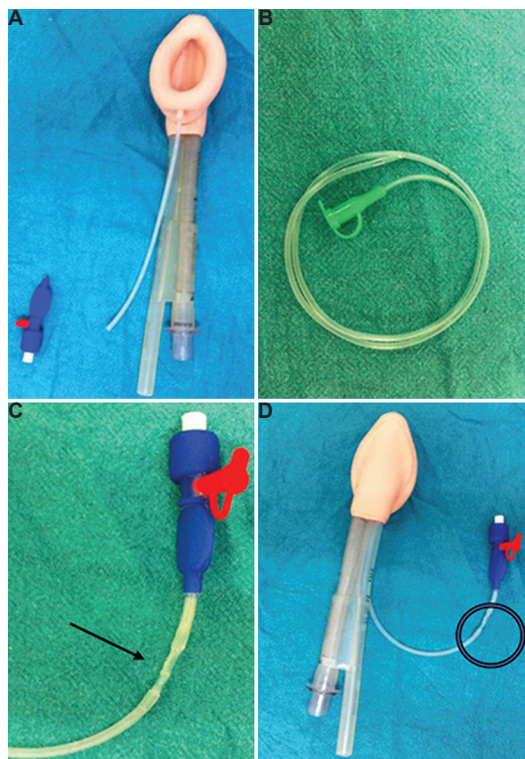


Figure. (A) PLMA with damage to inflation line. (B) Size 6 Fr feeding tube. (C) Feeding tube inserted within damaged ends of inflation line, secured with resin sealant (arrow). (D) Well-inflated functional PLMA after intervention.

Many supraglottic airway devices are available for use in multiple patients, with autoclaving as the permitted method of sterilization. However, these can be damaged from bite, from contact with sharp instrument, and during cleaning. Such a damage to the inflation line of ProSeal laryngeal mask airway (PLMA) was encountered at the department of Anaesthesiology & Critical Care, Pt. B.D. Sharma, Post Graduate Institute of Medical Sciences, Rohtak, Haryana, India. (Figure A). Size 6 Fr feeding tube was used as a conduit (Figure B), further secured

with resin sealant (Figure C) provided adequate (Figure D) working, thus avoiding wastage of otherwise useful device. The seal was checked as per the manufacturers' guideline of positive and negative inflation test. To avoid any chance of compromise of patient safety, the repaired PLMA was taken to the skill laboratory for students to learn and practice with the device. Considering high cost of the device, a repair is worth attempting. Use of autoclavable material will further ensure the integrity and without breaching patient safety within

the manufacturer's recommendations. Big Solutions can be achieved through small interventions, especially in a resource-limited country. Further, these repaired devices can easily be used for teaching and training to avoid possible compromise of patient safety.

Conflicts of Interest: None.

Prashant Kumar* & Jyoti Sharma

Department of Anaesthesiology & Critical Care,
Pt. B.D.Sharma Post Graduate Institute of Medical
Sciences, Rohtak 124 001, Haryana, India

**For correspondence:*
pk.pgims@yahoo.com

Received November 20, 2019