Nimmagadda et al. showed healthy volunteer that the intraoral mask is as effective as the classic face mask in achieving maximal pre-oxygenation during tidal volume breathing. They stated that in patients with a high risk for developing leak under the face mask (e.g., Patients with beard) would benefit from the use of the NuMask because of a different anatomical seal.

Intraoral mask is positioned inside the mouth between lips and teeth of the patient like a snorkel and well tolerated by awake patients. It can be used even with novice users and practitioners with small hand by reducing hand interface size (Figs. 1 and 2). Additionally intraoral mask can be used for non-invasive ventilation in intensive care for respiratory support.

As a result, we wanted to share our opinion immediately to open it up for discussion by anesthesiologists and other experts interested in airway management. Intraoral mask may be useful in confirmed and suspicious COVID-19 patients’ airway management and non-invasive ventilation management with advantage of minimal air leak and effective ventilation.

Conflicts of interest
The authors declare no conflicts of interest.

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A forceps-assisted fiberoptic bronchoscopic intubation

Dear Editor,

In 1967, Peter Murphy firstly introduced Fiberoptic Bronchoscope (FOB) intubation and this airway management technique has a quoted success rate of 88%–100%. Till now, FOB intubation has been considered as the gold standard in difficult airway management, whatever anticipated or unanticipated. Although there are many new modern airway equipment available, the role of FOB is imperative in a clinical context as part of decision-making and management of airway strategy. However flexible FOB intubation has been performed less frequently, anesthesiologists must apply theoretical knowledge and practical airway techniques via workshops, simulation, and regular hand-on practice. The more FOB-experienced the anesthetist is, the fewer complications occur. Its success and outcomes depend on the operators’ experience, which requires complex psychomotor skills and regular practice. In other words, FOB intubation is a difficult airway management technique.

Shikani Optical Stylet (SOS) is a malleable, J-shaped, stainless-steel endoscope. Recently, this rigid optical stylet has demonstrated promise in assisting difficult intubation. Reusable and portable scope with a shapeable stainless-steel styllet is the most obvious advantage of SOS. Some studies found it was more effective in patients with cervical spine instability and it might be an alternative to videolaryngoscope and FOB in difficult airway. The external video display of SOS is more reliable and convenient for observation and exposure of pharynx, larynx, and glottis. Therefore, SOS is simpler and easier to operate, meanwhile its learning curve is short. After seven attempts of tracheal intubation, new operators might master the skills of SOS. But SOS is only suitable for partial difficult airway.

In some cases, specific devices have been used to assist anesthetists during FOB intubation for a clear view. I designed a forceps for a convenient and easy usage on FOB. The forceps is rigid and J-shape device with a profile looking like SOS (Figs. 1 and 2). FOB can be inserted into the forceps because it is hollow with opening-closing design. Thus, the forceps and FOB can function as a solid unit. By the external monitor of FOB, the unit is developed into another kind of SOS. By this procedure, flexible FOB is changed to rigid endoscope that has a number of distinct advantages for orotracheal intubation. The endotracheal tube is preloaded and fixed at the root of FOB. The detailed manipulation method is the same as SOS. After obtaining optimal glottis view, FOB is advanced to bypass glottis. Thus, the forceps is opened and withdrawn from mouth to release FOB. Keeping FOB in trachea as a guide, endotracheal tube is inserted forward into trachea.
functions might keep clear vision and patients’ oxygenation. In addition, the clips of forceps are made from transparent plastic material and of single use, which connected with the body of forceps via special slot structure. Single-used disposable clips might reduce infection opportunity. The tip of forceps is rubbed and polished as same as tip of bullet to reduce tissue damage in patients’ oropharynx. Meanwhile the tip of forceps slightly overhangs the tip of FOB to protect it from obstructed view and avoid shearing soft tissue.

There is another advantage of this forceps because it reduces the cost for purchase and maintain of SOS. Besides, it increases the distance between patient and anesthesiologists, reducing aerosol infection and protect manipulator.

The idea of this forceps is very simple; however, it might promote the development of airway management.

Conflicts of interest

The authors declare no conflicts of interest.

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