Even though suxamethonium is not recommended in newborns, this does not mean it cannot be used in exceptional cases. George Meakin [3] has confirmed that the risk of side effects, such as tachycardia, bradycardia, hyperkalemia, increased intraocular pressure, myoglobinemia or malignant hyperthermia in patients with muscular dystrophy, is high. For these reasons, in accordance with the FDA guidelines, the administration of suxamethonium in (all) children should be limited to emergency intubations, e.g. laryngeal spasm, full stomach, difficult airway. Similar recommendations have been proposed by the authors of the Consensus Statement discussed.

We agree with the authors of the letter as to the risk of rapidly developing hypoxaemia, especially in the youngest patients. We cannot stay, however, indifferent to the risk of hyperoxaemia and complications related to it. Unfortunately, the overuse of very high concentrations of oxygen in all age groups is common. The toxicity of oxygen and its involvement in the development of retinopathy of prematurity and chronic lung disease have been frequently stressed in medical literature [4], whereas atelectasis resulting from pure oxygen ventilation has been excellently documented by Prof. Goran Hedenstiern.

We are aware of continuous evolution of guidelines and opinions in all branches of medicine, including paediatric anaesthesiology. Our further task is to update the guidelines so that they reflect the current state of knowledge. We will take into account both the comments of the authors of the letter and the impatiently anticipated results of the recently completed APRICOT study, probably the biggest one in Europe, which assesses anaesthesiological procedures as well as the incidence and causes of complications of general anaesthesia in the European paediatric population.

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A combination of KingVision videolaryngoscope and flexible fibroscope for awake intubation in patient with laryngeal tumor — case report and literature review
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Sir,

Intubation of patients with a supraglottic mass causing an obstruction of the glottis is difficult even for experienced anesthesiologists. We present our case of combined use of KingVision videolaryngoscope (King Systems, Noblesville, USA) and flexible fibroscope for awake intubation of patient with laryngeal tumor. Patient’s written consent was obtained for publication. A 83-ys old male was admitted to Department of Laryngology at Barlicki University Hospital, Poland for treatment of laryngeal tumor. Patient had former history of treatment of laryngeal cancer with radiotherapy. At moment of admission patient suffered from sore throat, problems with speaking and sleep disturbances caused by respiration difficulties. He was scheduled for urgent tracheostomy. Because of radiotherapy typical attempt of tracheostomy under local anesthesia was not possible. Following discussion with specialist he was scheduled for tracheostomy under general anesthesia with endotracheal intubation. After larynx indirect examination it appeared that entrance to larynx is not visible and tumor mass is covering epiglottis and entrance to larynx. This was confirmed in CT scans. It was decided to perform awake fibroptic intubation under local anesthesia. Patient was anesthetized using 4% lidocaine spray topical anesthesia in typical method for bronchoscopy. A 0.1 mg of fentanyl and 0.5 mg of atropine was adminis-
Dexmedetomidine infusion was commenced with a loading dose of 1 µg kg⁻¹ over 10 minutes and then at ratio 0.5 µg kg⁻¹ h⁻¹. Awake fiberoptic intubation was started as soon as the patient reached a Ramsay sedation scale score of 4. An experienced bronchoscopist was attempting fibroptic intubation (Lipp-Golecki set intubation fibroscope, Karl Storz, Tuttlingen, Germany). Unfortunately he could not find entrance to larynx not from oral nor from nasal approach. We decided to use KingVision videolaryngoscope to attempt visualization of entrance to larynx. When introducing gently videolaryngoscope it was possible to elevate tumor mass with the tip of videolarygoscope blade and visualize entrance to larynx. Then the fibroscope was introduced in the ET tube channel of videolaryngoscope and proceeded to the trachea (Fig. 1). Patient was intubated with ET tube no 7 with no complications and general anesthesia was commenced with propofol infusion. Surgery and perioperative period was uneventful.

To the best of our knowledge it is first report of combine use of KingVision videolaryngoscope and flexible fibroscope for awake intubation. Greib et al. [1] used DCI videolaryngoscope (Karl Storz, Tuttlingen, Germany) which is very different in construction and operation to KingVision which is from the group of videolaryngoscopes with ET tube channel incorporated into blade. We used similar method of local anesthesia for our patient with success. Additional opioid is very effective to attenuate reflexes from posterior wall of pharynx and entrance to larynx during fibroscopy. Xue et al. [2] reported awake combined Glidescope — flexible fibroscope intubation in patient with an elliptic tumor mass about 4 cm in diameter which was blocking almost all of the top part of the glottis. They used remifentanil infusion as opioid. The number of report of combined use of videolaryngoscopes and flexible fibroscopes is limited. Other studies found in PubMed are on intubation under general anesthesia. The study of Greib et al was performed on patients under general anesthesia [1]. Moore et al. [4] described use of Glidescope and fibroscope in morbidly obese woman but also under general anesthesia.

What is worth to mention, in case of Glidescope videolaryngoscope it may be necessary to introduce ET tube with stylet first nearby entrance to larynx, then remove the stylet and place fibroscope into ET tube, and then it could be proceeded into trachea [2]. In case of KingVision because of ET channel incorporated into blade the insertion of fibroscope was easier without former insertion of ET tube. It should be easier and require less manoeuvres comparing to method of Xue et al. in which Glidescope operator had to inform bronchoscopist about position of tip of fibroscope [1].

Very interesting concept of using combination of videolaryngoscope and fibroscope called “smart stylet” technique was presented by Weissbrod and Merati [5]. Entrance to larynx is visualized by videolaryngoscope but fibroscope is used only as stylet with moveable tip- not for visualization of glottis.

As conclusion we assume that the use of KingVision videolaryngoscope combined with flexible fibroscope for awake intubation under dexmedetomidine sedation can be a good option in patients with suspected difficult intubation.
and it may be easier to use and more effective comparing to other videolaryngoscopes and/or fibroscope alone.

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