

Unexpected Difficult Ventilation/Oxygenation

Basic Rules

Ensure adequate level of anaesthesia and muscle paralysis

Failed

Exclude/treat anatomical airway obstruction

Re-open airway / Oro-pharyngeal airway
2-hand/2-person bag-mask-ventilation

Failed

Call for help

Exclude/treat functional airway obstruction

Laryngospasm/Opioid rigidity/Bronchospasm/Inflated stomach
Deepen anaesthesia/Paralyse/i.v. epinephrine/Gastric drain

Failed

Failed Oxygenation Plan A

Direct laryngoscopy
Exclude/remove foreign body in/from hypopharynx/larynx
Intubate trachea

Failed

Failed Oxygenation Plan B

Insert LMA

Wake-up

Ventilate
through
LMA*

Emergency
surgery
with LMA

*In a child with previously no signs, no symptoms and no history of / for a difficult airway → invasive ventilation techniques are not needed