video laryngoscopy vs. direct laryngoscopy
video laryngoscopy vs. direct laryngoscopy

reuben j. strayer

no disclosures / conflicts
indirect laryngoscopy

direct laryngoscopy

indirect laryngoscopy

video laryngoscopy

traditional laryngoscopy
standard geometry blade

hyperangulated geometry blade
obsolete əbsoˈlēt
adjective
1 no longer produced or used

direct laryngoscopy is not obsolete.
obsolete əbˈsəlēt

adjective
1 no longer produced or used

but the traditional direct laryngoscope is slowly becoming obsolete.
endotracheal intubation is more likely to be successful with video

the less experienced the operator, and the more difficult the airway, the bigger the advantage of VL over DL
with video, laryngoscopy is a team sport
video requires less force and patient repositioning than direct
video is crucial for supervising learners

it is easier to get good at video than direct

and video makes it easier to get good at direct

learn video first

Kory 2013
Nouruzi 2009
Hirabayashi 2010
Herbstreit 2011
Ayoub 2010
Howard 2008
hyperangulation is not yes/no

the more angulated, the easier it is to see the glottis, the harder it is to deliver the tube
hyperangulation is not yes/no

the more angulated, the easier it is to see the glottis, the harder it is to deliver the tube

Levitan 2010
video laryngoscopy vs. direct laryngoscopy

direct laryngoscopy is not obsolete but it is not optimal

video laryngoscopes with standard geometry blades allow direct and indirect techniques

the best airway device is between your ears

-minh le cong