Recommendations/suggestions by EAES* and S.I.C.E.*

Non-robotic 3D vs. 2D laparoscopic general surgery

EAES Consensus Conference 2018¹

EAES recommends 3D to reduce lap operative time significantly (mean difference of 11 min.).

Reduced operative time in right colectomy, hiatal hernia and mini gastric bypass.

3D may reduce rate of complications (particularly involving suturing).

3D improves outcomes for junior trainees.

3D may decrease cognitive workload.

S.I.C.E. 2018 HTA* report²

3D reduces operative median time by 21.94%.

3D system leads to economic saving of € 255,035 over 1 year period.

3D could be considered the norm in public or private healthcare.

Novice surgeons perform difficult tasks more easily with 3D.

3D provides significant differences in depth perception and eye-hand coordination.


* EAES = Endoscopic Association for Endoscopic Surgery; S.I.C.E. = Società Italiana de Chirurgia Endoscopica e Nuove Tecnologie; HTA = Health Technology Assessment