

**Name of Journal:** *World Journal of Gastrointestinal Endoscopy*

**Manuscript NO:** 33115

**Manuscript Type:** Minireviews

**Evolution of stereoscopic imaging in surgery and recent advances**

**Katie Schwab, Ralph Smith, Vanessa Brown, Martin Whyte, Iain Jourdan**

### **Abstract**

In the late 1980s the first laparoscopic cholecystectomies were performed prompting a sudden rise in technological innovations as the benefits and feasibility of minimal access surgery became recognised. Monocular laparoscopes provided only two-

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We lost **stereoscopic** vision in laparoscopy because both the eye see same two dimensional