

- Escobar-Castillejos D., Barrera-Animas A.Y., Noguez J., Magaña A.J., and Benes B., 2024, Transforming surgical training with AI techniques for training assessment and evaluation: scoping review, *Journal of Medical Internet Research*, 27: e58966.  
<https://doi.org/10.2196/58966>
- Gkrozou F., Bais V., Skentou C., Kalaitzopoulos D., Grigoriadis G., Vatopoulou A., Paschopoulos M., and Daniilidis A., 2025, Applications of deep learning models in laparoscopy for gynecology, *Medicina*, 61(8): 1460.  
<https://doi.org/10.3390/medicina61081460>
- Guni A., Varma P., Zhang J., Fehervari M., and Ashrafi H., 2024, Artificial intelligence in surgery: the future is now, *European Surgical Research*, 65(1): 22-39.  
<https://doi.org/10.1159/000536393>
- Hashemi N., Mose M.J., Østergaard L.D., Bjerrum F., Hashemi M., Svendsen M.B.S., Friis M.N., Tolsgaard M.G., and Rasmussen S.B., 2025, Video-based robotic surgical action recognition and skills assessment on porcine models using deep learning, *Surgical Endoscopy*, 39: 1709-1719.  
<https://doi.org/10.1007/s00464-024-11486-3>
- Hmido S., Rahim H., Keller B., Daams F., Schakel M., Goslings J.C., van Dijkum E.J.M.N., Rainey S., Kazemier G., Bak M.A.H., and Ploem C., 2025, Ethical pitfalls in AI-based predictive models in surgery, *World Journal of Surgery*, 49: 2837-2845.  
<https://doi.org/10.1002/wjs.70080>
- Ioana J., Voită-Mekereș F., Motofelea A., Ciprian D., Fulger L., Alexandru I., Tarță C., Stelian P., Bernad E., and Teodora H., 2024, Surgical outcomes in laparoscopic hysterectomy robotic-assisted and laparoscopic-assisted vaginal hysterectomy for uterine and cervical cancers: a systematic review, *Diagnostics*, 14(24): 2782.  
<https://doi.org/10.3390/diagnostics14242782>
- Jeganathan J., Jegasothy R., and Sia W.H., 2025, Minimally invasive surgery: a historical and legal perspective on technological transformation, *Journal of Robotic Surgery*, 19(1): 408.  
<https://doi.org/10.1007/s11701-025-02589-7>
- Kang O., Kim K., Lee K., Kim M., Hwang J., Kim T., Lee N., Chun K., Seong S., Kim T., Oh D., and Park J., 2024, Feasibility and safety of ArtiSentinel for minimally invasive surgery in early-stage gynecologic cancer: results from the KGOG 4002/GYANT study, *Gynecology and Minimally Invasive Therapy*, 13(4): 253-259.  
[https://doi.org/10.4103/gmit.gmit\\_3\\_24](https://doi.org/10.4103/gmit.gmit_3_24)
- King A., Fowler G.E., Macefield R., Walker H., Thomas C., Markar S., Higgins E., Blazeby J., and Blencowe N., 2025, Use of artificial intelligence in the analysis of digital videos of invasive surgical procedures: scoping review, *BJS Open*, 9(4): zraf073.  
<https://doi.org/10.1093/bjsopen/zraf073>
- Knudsen J.E., Ghaffar U., Ma R., and Hung A.J., 2024, Clinical applications of artificial intelligence in robotic surgery, *Journal of Robotic Surgery*, 18(1): 102.  
<https://doi.org/10.1007/s11701-024-01867-0>
- Leaf M., C., Musselman K., and Wang K.C., 2024, Cutting-edge care: Unleashing artificial intelligence's potential in gynecologic surgery, *Current Opinion in Obstetrics and Gynecology*, 36(4): 255-259.  
<https://doi.org/10.1097/GCO.0000000000000971>
- Leivaditis V., Maniatopoulos A., Lausberg H., Mulita F., Papatrifiantyllou A., Liolis E., Beltsios E., Adamou A., Kontodimopoulos N., and Dahm M., 2025, Artificial intelligence in thoracic surgery: a review bridging innovation and clinical practice for the next generation of surgical care, *Journal of Clinical Medicine*, 14(8): 2729.  
<https://doi.org/10.3390/jcm14082729>
- Levin I., Ferman J., Bar O., Ayoun D., Cohen A., and Wolf T., 2024, Introducing surgical intelligence in gynecology: Automated identification of key steps in hysterectomy, *International Journal of Gynecology and Obstetrics*, 166(3): 1273-1278.  
<https://doi.org/10.1002/ijgo.15490>
- Luțenco V., Țocu G., Guliciu M., Moraru M., Candussi I., Dănilă M., Luțenco V., Dimofte F., Mihailov O., and Mihailov R., 2024, New horizons of artificial intelligence in medicine and surgery, *Journal of Clinical Medicine*, 13(9): 2532.  
<https://doi.org/10.3390/jcm13092532>
- Osman E., Ismail M., Mukhtar M., Ahmed A., Mohamed N., and Ibrahim A., 2025, Artificial intelligence and robotics in minimally invasive and complex surgical procedures: a systematic review, *Cureus*, 17(3): e81339.  
<https://doi.org/10.7759/cureus.81339>
- Paiboonborirak C., Abu-Rustum N.R., and Wilailak S., 2025, Artificial intelligence in the diagnosis and management of gynecologic cancer, *International Journal of Gynecology and Obstetrics*, 171(1): 199-209.  
<https://doi.org/10.1002/ijgo.70094>
- Paracchini S., Taliento C., Pellecchia G., Tius V., Tavares M., Borghi C., Buda A., Bartoli A., Bourdel N., and Vizzielli G., 2025, Artificial intelligence in the operating room: a systematic review of AI models for surgical phase instruments and anatomical structure identification, *Acta Obstetrica et Gynecologica Scandinavica*, 104(11): 2054-2064.  
<https://doi.org/10.1111/aogs.70045>
- Pavone M., Goglia M., Rosati A., Innocenzi C., Bizzarri N., Seeliger B., Mascagni P., Ferrari F., Forgiione A., Testa A., Fagotti A., Fanfani F., Querleu D., Scambia G., Akladios C., Marescaux J., and Lecointre L., 2025, Unveiling the real benefits of robot-assisted surgery in gynaecology: from telesurgery to image-guided surgery and artificial intelligence, *Facts Views and Vision in ObGyn*, 17: 50-60.  
<https://doi.org/10.52054/fvvo.2024.13522>