

Dear Friends,

Everyday new advancement is happening in the field of minimal access surgery. Recently infrared imaging has created a big revolution in the safety and diagnosis of laparoscopic surgery. All the new camera is now developed to determine the potential role of infrared imaging as a tool for localizing anatomic structures and assessing tissue viability during laparoscopic surgical procedures. These images are capable of defining biliary anatomy, detecting filling defects, and identifying injuries to the biliary tract. Seeing CBD anatomy in laparoscopic cholecystectomy, dissection of the ureter with visualization of complete ureter, identification of sentinel lymph node, perfusion of tissue and assessment of bowel perfusion are now performed with the aid of this infrared imaging system. Inexperienced laparoscopists were asked to localize and differentiate structures before dissection using the visible system, and then using the infrared system has a great difference. All the recent studies demonstrate that infrared imaging may improve the differentiation and localization of anatomic structures and allow assessment of physiologic parameters such as perfusion not previously attainable with visible laparoscopic techniques. It may thus potentially be a powerful adjunct to laparoscopic surgery. The laparoscopic infrared imaging system is a feasible method of blood vessel detection in laparoscopic procedures. The use of an infrared imaging system is very useful in blood vessel detection in laparoscopy and has the potential to enable safer surgery and reduced operative time. Infusion of indocyanine green to enhance imaging with the standard laparoscopic view is rapidly becoming popular to allow real-time vessel mapping during many laparoscopic procedures. In the coming issues of WJOLS we are going to publish a complete technique of using this technique and their advantages.



We also want to let our reader know that the World Congress of Laparoscopic Surgeons under the aegis of World Association of Laparoscopic Surgeons is going to be held on the 10th and 11th of October 2020. This multispecialty conference of the World Association of Laparoscopic Surgeons helps the delegates increase their knowledge of laparoscopic surgery, robotic surgery, endoscopic, and minimally invasive surgical techniques. I invite all of you to unite for the 8th International Conference of World Association of Laparoscopic Surgeons. This conference on minimal access surgery will convene hundreds of surgeons, gynecologists, urologists, and pediatric surgeons from every corner of the world.

We look forward to getting to know you as, together, we lead the way in shaping the future of minimally invasive surgery.

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