

MINIMALLY INVASIVE LIVER RESECTION TECHNIQUE AND TUMOR BOARD

Topic	Authors	File name .MP4	Objective & description of session	Link to video
Liver Tumor Board	David Geller, MD Claudius Conrad, MD, PhD	583_Liver Tumor Board.mp4	Drs Geller and Conrad run an interactive case-based presentation for four patients. Both primary and secondary liver tumors are included in this interactive tumor board style discussion. Operative video is added and operative findings and long term follow up is shown. Emphasis is on judgment and approach to these liver lesions.	<a href="https://www.youtube.com/watch?v=xxWTcaY-veQ">https://www.youtube.com/watch?v=xxWTcaY-veQ</a>
Controlling difficult bleeding during lap liver resection	Brice Gayet, MD	Controlling difficult bleeding during lap liver resection.mp4	Dr. Gayet gives a talk on pearls of hemorrhage control in laparoscopic liver surgery. Operative planning, team communication, proper technique, and expert tips are all discussed. Excellent video is shown and discussed. Remember, bleeding will happen, and the surgeon should know how to deal with it. Immediate conversion is almost NEVER the answer, control of bleeding is the goal and ALWAYS starts with being prepared before the bleeding starts.	<a href="https://www.youtube.com/watch?v=-8ToknOgj0I">https://www.youtube.com/watch?v=-8ToknOgj0I</a>
Laparoscopic anatomical hepatectomy with caudal approach	Go Wakabayashi, MD, PhD	Laparoscopic anatomical hepatectomy with caudal approach.mp4	Dr. Wakabayashi demonstrate the technique of pedicle control for almost every segment in the liver. Due to diseased liver parenchyma ( cirrhosis, fibrosis, NASH,..), risk of recurrence of secondary malignancies ( CRLM/NETs...), and even post-operative risk of liver failure, Parenchymal preserving surgery should be the goal. Dr. wakabayashi demonstrates the ability to find, control, and transect segmental pedicles within the liver. Decreasing the risk of hemorrhage when resection is done, preserves liver parenchyma, and decreases postop risk of liver insufficiency.	<a href="https://www.youtube.com/watch?v=uf0smBFpGLM">https://www.youtube.com/watch?v=uf0smBFpGLM</a>
Laparoscopic bile duct resection with hepatico-jejunostomy	Horacio Asbun, MD	Laparoscopic bile duct resection with hepatico-jejunostomy.mp4	Dr. Asbun reviews indications for extra-hepatic biliary surgery. How to approach the hepatoduodenal ligament is discussed with many expert pearls. Technical steps on how to dissect the intra-pancreatic bile duct for choledochal cysts are specifically reviewed to include tips on how to avoid pancreatic or duodenal injury. Emphasis is made on pre-operative mapping of the pancreatic ductal anatomy. Technique on methods of transection of the bile duct and preparation for laparoscopic HJ are annotated and demonstrated masterfully in video and expert discussion.	<a href="https://www.youtube.com/watch?v=pA9Gw2fFwoo">https://www.youtube.com/watch?v=pA9Gw2fFwoo</a>
Laparoscopic caudate lobectomy	Joseph Buell, MD	Laparoscopic caudate lobectomy.mp4	Dr. Buell reviews approaches to one of the more challenging segments of the liver, segment 1. The approach to the caudate process, para-caval caudate, and the Spigelian lobe varies. The hilar structures to both right and left hemilivers and all three hepatic outflow veins have intimate relations with the caudate lobe and thus emphasis is made on pre-operative planning and intraoperative techniques to avoid injury to any neighboring vital structures.	<a href="https://www.youtube.com/watch?v=wMzo8d15lAw">https://www.youtube.com/watch?v=wMzo8d15lAw</a>
Laparoscopic left hemi-hepatectomy and left lateral sectionectomy	Nicholas O'Rourke, MD	Laparoscopic left hemi-hepatectomy and left lateral sectionectomy.mp4	Dr. O'Rourke masterfully demonstrates important tips and approaches to two common procedures. Left lateral sectionectomy (sg 2 & 3) differs from that of a left hemi-liver (sg 2,3,&4) Intraoperative mapping of the umbilical fissure and MHV are essential,. Review of inflow control and pearls for laparoscopic approach are reviewed.	<a href="https://www.youtube.com/watch?v=gj9HGIWzKl4">https://www.youtube.com/watch?v=gj9HGIWzKl4</a>

Laparoscopic live donor hepatectomy	David Kwon, MD	Laparoscopic live donor hepatectomy.mp4	Dr. Kwon brings extensive experience and knowledge into this talk. While Lap liver donor hepatectomy is rather rare in north America, the advise, tips, and pearls he demonstrate are very much applicable to any laparoscopic liver resection. Dr. Kwon demonstrates methods of pedicel control for both the beginner and the expert.	<a href="https://www.youtube.com/watch?v=oTOnlyB57Z0">https://www.youtube.com/watch?v=oTOnlyB57Z0</a>
Laparoscopic right hemi-hepatectomy	Daniel Cherqui, MD	Laparoscopic right hemi-hepatectomy.mp4	Dr. Cherqui reviews one of the more challenging topics. Much of the pearls and techniques masterfully demonstrated apply to any lap Liver surgery. Dr. Cherqui gives excellent detail demonstration of the caudal approach. The caudal approach advantages and the way it has changed how we view and resect the liver laparoscopically are reviewed in detail. Both lap Right hemi-liver in normal and cirrhotic liver background are discussed.	<a href="https://www.youtube.com/watch?v=ZT8ZXC12Z-U">https://www.youtube.com/watch?v=ZT8ZXC12Z-U</a>
Laparoscopic transthoracic and thoracoscopic liver resection	Claudius Conrad, MD, PhD	Liver Tumor Board.mp4	Dr. Conrad reviews the importance of thinking outside the box when it comes to superior segments. Segments 7 & 8 are typically thought to be the hardest segments to approach laparoscopically. Techniques to improve visualization and access via trans-thoracic trocars are discussed with many unique pearls on how to do this efficiently and safely.	<a href="https://www.youtube.com/watch?v=h0Jpt9TE8k">https://www.youtube.com/watch?v=h0Jpt9TE8k</a>
MILR of HCC in cirrhosis	Ho-Seong Han, MD, PhD	MILR of HCC in cirrhosis.mp4	Dr. Han speaks of tremendous experience and shares many important pre and intra operative pearls on laparoscopic resection of cirrhotic livers. After a detailed review of the literature, techniques, pearls, and use of inflow control in lap cirrhotic liver resections is reviewed.	<a href="https://www.youtube.com/watch?v=LrpUsOr9eh0">https://www.youtube.com/watch?v=LrpUsOr9eh0</a>
Robotic hepatic lobectomy	Allan, Tsung, MD	Robotic hepatic lobectomy.mp4	Dr. Tsung demonstrates the safe use of the robotic platform for hepatic resections. Challenges and methods to overcome them are masterfully reviewed and discussed. A detailed lit review on Robotic hepatectomy is also reviewed along with intraoperative pearls and methods refined over many years.	<a href="https://www.youtube.com/watch?v=kRjN3o-vims">https://www.youtube.com/watch?v=kRjN3o-vims</a>

**MINIMALLY INVASIVE LIVER RESECTION CURRENT STATUS AND UPDATE**

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2nd international Consensus Conference highlights	Go Wakabayashi, MD, PhD	2nd international Consensus Conference highlights.mp4	Dr. Wakabayashi reviews the findings of the 2nd international consensus based on a very detailed and through review of the literature and structured methodology. Conclusions of this successful meeting are nicely summarized	<a href="https://www.youtube.com/watch?v=QK29sA-Gg6M&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871&amp;index=12">https://www.youtube.com/watch?v=QK29sA-Gg6M&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871&amp;index=12</a>
Evolution of MILR and ILLS Society	Daniel Cherqui, MD	Evolution of MILR and ILLS Society.mp4	Dr. Cherqui gives a masterful review on where we were, where we are, and where we are going in MIS liver resection. More than an impactful historical talk, it demonstrates the evolution of approach and technique. A must see for any laparoscopic liver surgeon. Advantages of working together towards safely developing new techniques are evident	<a href="https://www.youtube.com/watch?v=sMemGrvdVjA&amp;index=16&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871">https://www.youtube.com/watch?v=sMemGrvdVjA&amp;index=16&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871</a>

Long term outcomes of MILR for cancer	David Geller, MD	Long term outcomes of MILR for cancer.mp4	Dr. Geller gives a thorough review of current data for MIS liver resection for cancer. Emphasis is made on long-term outcomes.	<a href="https://www.youtube.com/watch?v=UDyl4vy3-OI&amp;index=15&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871">https://www.youtube.com/watch?v=UDyl4vy3-OI&amp;index=15&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871</a>
MILR for benign disease	Yuman Fong, MD	MILR for benign disease.mp4	Dr. Fong reviews data, lit review, and pearls on the use of laparoscopic and robotic techniques in approaching benign lesions in the liver. Emphasis is made on the un-altered indications for resection.	<a href="https://www.youtube.com/watch?v=RJpvnFe6_YA&amp;index=14&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871">https://www.youtube.com/watch?v=RJpvnFe6_YA&amp;index=14&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871</a>
Short term outcomes of MILR	Claudius Conrad, MD, PhD	Short term outcomes of MILR.mp4	Dr. Conrad goes over personal and literature based review for short term outcomes of MIS liver resections.	<a href="https://www.youtube.com/watch?v=oeuPVT23bl&amp;index=13&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871">https://www.youtube.com/watch?v=oeuPVT23bl&amp;index=13&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871</a>
The Oslo CoMet Study	Bjorn EdWin, MD	The Oslo CoMet Study.mp4	Dr. Edwin reviews findings of perhaps one of the most organized and important studies in the topic of laparoscopic liver surgery. Short-term patient outcomes and cost data are also included. Current studies and plans are reviewed as well.	<a href="https://www.youtube.com/watch?v=2p37HuLN1q8&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871&amp;index=17">https://www.youtube.com/watch?v=2p37HuLN1q8&amp;list=PLzXEbXOrK3ZxAQsjJ8HK1z3cVuBei4871&amp;index=17</a>