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# Intraoperative Ultrasonography Hepato Biliary Pancreatic Surgery

**intraoperative ultrasonography in hepato-biliary and ...** - intraoperative ultrasonography in hepato-biliary and pancreatic surgery . series in radiology ... se of hepatobiliary surgery started by professor hepp and continued by pro fessor bismuth. in these courses, i demonstrated many slides and movies of intraoperative echography that makuuchi, one of my staff members, had ... **intraoperative ultrasonography of the biliary tract using ...** - intraoperative ultrasonography of the biliary tract using saline as a contrast agent: a fast and accurate technique to identify complex biliary anatomy background: intraoperative assessment of biliary tract anatomy is relevant for a number of benign and malignant hepatobiliary diseases. during biliary reconstruc **the role of intraoperative ultrasonography in the ...** - intraoperative ultrasonography (ious) has been widely utilized in hepatic surgery both as a diagnostic technique and in the course of treatment. since ious involves direct-contact ... the hepatobiliary phase of gadoxetic acid-enhanced magnetic resonance (mr) images show subcentimeter hypointense lesions **contrast-enhanced intraoperative ultrasonography in ...** - contrast-enhanced intraoperative ultrasonography in surgery for hepatocellular carcinoma in cirrhosis guido torzilli,1,2 natale olivari,1 eliana moroni,2 danielle del fabbro,1 andrea gambetti,1 piera leoni,1 marco montorsi,2 and masatoshi makuuchi3 intraoperativeultrasonography(ious)isthemostaccurate diagnostic technique for staging ... **clinical impact of intraoperative navigation using a ...** - intraoperative bleeding, has been tested for ligation of the ipda during pd. intraoperative ultrasonography provides useful information for diagnosis and for guidance during the hepatobiliary-pancreatic surgery.16,17 color doppler flow imaging facilitates to delineate the anatomy and to identify the vascular structures **intraoperative ultrasonography in nine dogs with intra ...** - intraoperative ultrasonography (ious) has been used in medicine since the1960s, first for the evaluation of brain tumors and renal and biliary calculi (kane, 2004). currently, ious is used in medicine for diagnosis and guidance during surgical exploration in a variety of organs, especially in neurosurgery, pancreatic, renal and hepatobiliary **ursodeoxycholic acid-augmented hepatobiliary scintigraphy ...** - hepatobiliary scintigraphy in differentiating extrahepatic biliary ... ultrasonography and, if required, liver biopsy and intraoperative cholangiography were used with clinical data such as stool color and serologic and other etiologic investigations to form a final diagnosis. **062697 imaging of the hepatobiliary tract** - hepatobiliary scintigraphy may be used to evaluate the functional patency of the cystic duct. 10 ... portography and intraoperative ultrasonography have a sensitivity in excess of 85 percent for detecting in- ... **062697 imaging of the hepatobiliary tract review article laparoscopic versus intraoperative ...** - director of the hepatobiliary and liver transplant center, caja costarricense del seguro social, san josé, costa rica ... intraoperative ultrasonography (iou) has become the gold standard tool in liver surgery. patients diagnosed with colon cancer approximately one fifth have occult metastases at the **pancreatic surgery: a multidisciplinary assessment of the ...** - ntraoperative ultrasonography (us) allows high-resolution depiction of an - atomic detail during the course of a procedure. since its development in the early 1980s, intraoperative us and lap-aroscopic us have proved to be particu-larly useful in hepatobiliary and pancre-atic surgical procedures (1). in the realm **surgical challenges of duplicated gallbladder during ...** - (ogds) and ultrasonography of the hepatobiliary system. the ogds examination was unremarkable, but the ultrasonography showed double gallbladder with cholelithiasis (figure 1a). she underwent laparoscopic cholecystectomy. the intraoperative finding was double gallbladder with single cystic duct and cystic artery, with two stone within one of the **medical ournal obsteti~ics i - researchgate** - intraoperative hepatic assessments, apat1 from inspection and palpation, are practically nonexistent or inaccurate, as are for example cholangiography and portography. **intraoperative ultrasonography in liver cancer** - since the end of the 1970s, intraoperative ultrasonography (ious) has been used to guide hepatic surgery in patients with liver cirrhosis and for patients with liver metastases [1-5]. more recently, ultrasonography has enabled the development of alternatives and adjuncts to resection, such as

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