

List of Abbreviations

<i>acyl-CoA</i>	Acylcoenzyme-A
<i>ALP</i>	Alkaline phosphatase
<i>ALT</i>	Alanine aminotransferase
<i>APACHE</i>	Acute Physiology and Chronic Health Evaluation
<i>AST</i>	Aspartate aminotransferase
<i>CBD</i>	Common bile duct
<i>CBDS</i>	Common bile duct stones
<i>CCK</i>	Cholecystokinin
<i>CDD</i>	Choledochoduodenostomy
<i>CDJ</i>	Choledochojejunostomy
<i>CF</i>	Cystic fibrosis
<i>CT</i>	Computed Tomography
<i>EHL</i>	Electro hydraulic lithotripsy
<i>EPBD</i>	Endoscopic papillary balloon dilation
<i>ERCP</i>	Endoscopic retrograde cholangiopancreatography
<i>ES</i>	Sphincterotomy
<i>EST</i>	Endoscopic biliary sphincterotomy
<i>ESWL</i>	Extracorporeal shockwave lithotripsy
<i>EUS</i>	Endoscopic Ultrasound
<i>FNA</i>	Fine Needle Aspiration
<i>Fr</i>	French
<i>GGT</i>	Gamma glutamyl transpeptidase
<i>hCT</i>	Helical CT
<i>hCTC</i>	Helical CT cholangiography
<i>HIDA</i>	Hepatobiliary iminodiacetic acid
<i>IBAT</i>	Ileal bile acid transporter
<i>IDUS</i>	Intraductal Ultrasonography
<i>IL</i>	Interleukin
<i>IOC</i>	Intraoperative Cholangiography
<i>IO-ERCP</i>	Intra-operative ERCP
<i>LC</i>	Laparoscopic cholecystectomy
<i>LCBDE</i>	Laparoscopic common bile duct exploration
<i>LFTs</i>	Liver function tests
<i>MHz</i>	Mega Hertz
<i>MMC</i>	migrating myoelectric complex
<i>MRCP</i>	Magnetic Resonance Cholangiopancreatography
<i>MRI</i>	Magnetic resonance imaging
<i>NAFLD</i>	Non alcoholic fatty liver disease
<i>PAS</i>	Periodic acid-Schiff
<i>PTC</i>	Percutaneous transhepatic cholangiography
<i>PTCSL</i>	Percutaneous transhepatic choledochoscopic lithotomy
<i>SO</i>	Sphincter of Oddi
<i>SOFA</i>	Sequential Organ Failure Assessment score
<i>TNF-α</i>	Tumor necrosis factor α
<i>TPN</i>	Total parenteral nutrition
<i>US</i>	Transabdominal Ultrasonography

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VARIOUS TECHNIQUES FOR TREATMENT OF COMMON BILE DUCT STONES

Essay

**Submitted For Partial Fulfillment of Master Degree
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Introduction & Aim of the work

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Anatomy of the Extrahepatic Biliary System

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Pathophysiology of Common Bile Duct Stones



Management of common bile duct stones

Clinical Picture



Summary & conclusion

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References



Arabic summary

Treatment Options

Investigations