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List of Abbreviations

<i>Abbrev.</i>	<i>Meaning</i>
ALP	Alkaline phosphatase
ALT	alanine aminotransferase
APACHE score	Acute Physiology and Chronic Health Evaluation score
ASA	American Society of Anesthesiology
AST	Aspartate transaminase
CA	Cystic artery
CBD	Common bile duct
CCK	Cholecystokinin
CD	Cystic duct
CDD	Cholecystoduodenostomy
CDJ	cholecystojejunostomy
CHD	Common Hepatic Duct
CO	Carbon monoxide
CT scan	Computed tomography
EHL	Electrohydraulic lithotripter
ERCP	Endoscopic retrograde cholangiopancreatography
ES	Endoscopic Sphincterotomy
EUS	Endoscopic Ultrasound
GB	Gall Bladder
GGT	Gamma glutamyl transpeptidase
IBAT	Ileal bile acid transporter
IL	Interleukin factor
IOC	Intraoperative cholangiography
IOFC	Intraoperative fluorocholangiography

List of Abbreviations

IVC	Intravenous cholangiography
LC	Laparoscopic Cholecystectomy
LCBDE	Laparoscopic common bile duct exploration
LTCBDE	Laparoscopic Transcystic common bile duct exploration
LC+ 10- ERCP	Laparoscopic Cholecystectomy + Intra-operative Endoscopic retrograde cholangiopancreatography
LUS	Laparoscopic ultrasound
MMC	migrating myoelectric complex
MRCP	magnetic resonance cholangiopancreatography
MRI	magnetic resonance imaging
NAFLD	non alcoholic fatty liver disease
OR	Operative Room
PTC	Percutaneous trans-hepatic cholangiography
PTCSL	Percutaneous transhepatic choledochoscopic lithotomy
SGOT	serum glutamic oxalo-acetic transaminase
SGPT	serum glutamic pyruvic trans aminase
SOFA score	Sequential Organ Failure Assesment score
The GB- IVCline	The Gall Bladder - Inferior Vena Cava Line
TNF	Tumor necrosis factor
US	Ultrasonography
5 NT	5-neucleotide

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Introduction





Aim of the Work





Developmental Anatomy of the Biliary System





Anatomy of the Intrahepatic and Extrahepatic Biliary Tract





Pathophysiology of CBD Stones





Clinical Manifestations of CBD Stones





Diagnostic Investigation

