



Role of MR and Scintigraphy in Detection of Biliary Leakage after Iatrogenic or Traumatic Injury

Essay

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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List of Abbreviations

2D	: Two Dimensions
3D	: Three Dimensions
AAST	: American Association for the Surgery of Trauma
CBD	: Common bile duct
CD	: Cystic duct
CE CT	: Contrast enhanced computed tomography
CE-MRC	: Contrast enhanced magnetic resonance cholangiography
CHD	: Common hepatic duct
CNR	: Contrast-to-noise ratio
CT	: Computed Tomography
ERCP	: Endoscopic retrograde cholangio-pancreaticography
FSE	: Fast Spin Echo
GB	: Gall Bladder
GD DTPA	: Gadolinium ethoxybenzyl diethylenetriaminepenta-acetic acid (Gd-EOB- DTPA)
Gd	: Gadolinium
Gd-BOPTA	: Gadobenate dimeglumine

List of Abbreviations (Cont.)

HASTE	: Half-Fourier acquired single-shot Turbo Spin Echo sequence
IV	: Intravenous
LHD	: Left hepatic duct
LEHR	: Low energy high-resolution
LT	: Liver Transplantation
MIP	: Maximum Intensity Projection
MR	: Magnetic resonance
MRC	: Magnetic Resonance cholangiography
MRCP	: Magnetic Resonance cholangio-pancreatography
NPV	: Negative predicative value
NSF	: Nephrogenic systemic fibrosis
OLT	: Orthotropic liver transplantation
PET	: Positron Emission Tomography
PPV	: Positive predicative value
PTBD	: Percutaneous transhepatic biliary drain
PTC	: Percutenous transhepatic cholangiography
RAD	: Right anterior duct
RARE	: Rapid acquisition with relaxation enhancement
RHD	: Right hepatic duct

List of Abbreviations (Cont.)

RPD	: Right posterior duct
SI	: Signal Intensity
SNR	: Signal to noise ratio
SPECT-CT	: Single photon emission tomography- computed tomography
SS	: Single Shot
T1w	: T1-weighted
T2W	: T2 Weighted
TSE	: Turbo Spin Echo
US	: Ultrasonography

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