

# **MRI Characterization of Hypervascular Hepatic Focal Lesions**

**Essay**

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## List of Abbreviations

2D	Two dimensional
3D	Three dimensional
3D-GRE	Three Dimensional Gradient Recalled Echo
ADC	Apparent diffusion coefficient
AFP	Alpha-fetoprotein
CNR	contrast to noise ratio
CHA	Common hepatic artery
DWI	Diffusion-weighted imaging
ETL	Echo train length
FLC	Fibrolamellar carcinoma
FNH	Focal nodular hyperplasia
FRFSE	Fast recovery FSE
FSE	Fast spin echo
Gd	Gadolinium
Gd- DTPA	Gadolinium-Diethylene Triamine Penta acetic Acid
Gd-BOPTA	Gadobenate dimeglumine
Gd-EOB-DTPA	Gadolinium ethoxy-benzyl-diethylene-triamin-penta-acetic acid

HBV	Hepatitis B virus
HCA	Hepatocellular adenoma
HCC	Hepatocellular carcinoma
HCV	Hepatitis C virus
HV	Hepatic vein
HASTE	Half-Fourier acquisition single-shot turbo spin-echo
IP	In-phase
IVC	Inferior vena cava
MIP	Maximum intensity projection
MP-RAGE	magnetization prepared rapid acquisition gradient echo
MRA	MR angiography
NEX	number of excitations
NRH	Nodular regenerative hyperplasia
OP	Out-of-phase
PI	Parallel imaging
PV	Portal vein
RES	Reticuloendothelial system
RF	Radio-frequency

ROI	Region of interest
RT-FSE	Respiratory triggered FSE
SE	Spin Echo
SGE	Spoiled gradient echo
SI	Signal intensity
SNR	Signal to-Noise Ratio
SPIO	Super Paramagnetic Iron Oxide
SSFSE	Single-shot fast spin-echo
T	Tesla
TE	Time of Echo
THED	Transient hepatic enhancement difference
TR	Time of Repetition
Turbo FLASH	Turbo-fast low angle shot
US	Ultrasound



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