

The Added Value of Magnetic Resonance Imaging (MRI) Over Ultrasound (U/S) in Assessment of Different Placental Pathologies

Essay

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Radiodiagnosis*

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List of Abbreviations

ASL	Arterial spin labeling
B-hCG	B human chorionic gonadotropin
D	Diastolic
DWI	Diffusion wighted imaging
DWI“i”	Diffusion wighted imaging isotropic
EDF	End diastolic flow
EPI	Echo planner imaging
FISP sequence	Fast imaging wutg steadt state precession sequence
FMCs	Focal myometrial contractions
FSE	Fast spin echo
FSPGR	fast spoiled gradient echo
FTV	Fetal thrombotic vasculopathy
GA	Gestational age
Gd	Gadolinium
GTD	Gestational trophoblastic disease
GW	Gestational week
HASTE	Half fourier acquisition single shot turbo spin echo
IUFD	Intrauterine fetal death
IUGR	Intra uterine growth retardation
IVIM	intravoxel incoherent motion
MR	Magnetic resonance
MRI	Magnetic resonance imaging
MSAFP	Maternal serum alpha-fetoprotein
P	Placenta

List of Abbreviations (Cont.)

PAD	Placenta adhesive disorders
PE	Preeclampsia
PI	Pulsatility index
PROM	Premature rupture of membranes
PSTT	Placental site trophoblastic tumor
RI	Resistive index
RPOC	Retained products of conception
S	Systolic
Sec.	Second
SSFP	Steady-state free precession
SSFSE	Single Shot Fast Spin Echo
T	Tesla
T1	Spin lattice relaxation time
T1w	T1 weighted
T2	Spin spin relaxation time
TR/TE	Time to repetition/echo time
TTTS	Twin to twin transfusion syndrome
U/S	Ultrasound
USG	Ultrasonography
V_m	Mean velocity
V_s	Versus
3D	Three Dimensional

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