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LIST OF ABBREVIATIONS

ADC	Apparent diffusion coefficient
AIDS	Acquired immune deficiency syndrome.
ATP	Adenosine tri phosphate.
BG	Basal ganglia.
CBC	Complete blood count .
CBF	Cerebral blood flow.
CD	Canavan disease.
CJD	Creutz feldt-jacob disease.
CNS	Central nervus system.
CO	Carbon monoxide.
CSF	Cerebrospinal fluid
CT	Computerized tomography.
cMRI	Conventional Magnetic resonance imaging.
D1	Dopamine1 receptor.
D2	Dopamine2 receptor.
DWI	Diffusion weighted imaging.
DWM	Deep white matter.
EEG	Electroencephalography.
FLAIR	Fluid attenuation inversion recovery.
FOV	Field of view.
Gad	Gadolinium
GP	Glopus pallidus.
GPe	Glopus pallidus externa.
GPi	Glopus pallidus interna.
GWMJ	Gray white matter junction.
HIE	Hypoxic ischemic encephalopathy.
HIV	Human immune deficiency virus.
IgG	Immuno-globulin G
LSA's	Lenticulo striate arteries.
MCA	Middle cerebral artery.
MRI	Magnetic resonance imaging.
MRS	Magnetic resonance spectroscopy.

msec	Milliseconds
NBIA	Neuro-degeneration with brain iron accumulation.
NF1	Neurofibromatosis type 1.
ODS	Osmotic demyelination syndrome.
OPM	Osmotic pontine myelinolysis.
PANK2	Panthothenate kinase.
PD	parkinson's disease.
PET.	Positron emission tomography
prpSc	Prion protein
PVWM	Peri-ventricular white matter.
RE	Rassmussen encephalitis.
ROI	Region of interest
SPECT	Single-photon emission computed tomography.
STN	Sub thalamic nuclei.
SNe	Substantia nigra pars compacta.
SNr	Substantia nigra pars reticulata.
SWI	Susceptibility weighted images
T	Tesla
TI	Inversion time
T1WI	T1 weighted image
T2WI	T2 weighted image
TE	Echo time
TR	Repetition time
VRS	Virchow- robin spaces.
VTA	Ventral thalamic aspect.
WM	White matter