

Latest Approved Medications in Neurology

Drug	Indication	Mechanism	Company/Year	Formulation	Dose	Precautions
Radicava (edaravone)	ALS	Free radical scavenger	Mitsubishi/2017	IV infusion (30mg)	60mg IV daily for 14 days then 2 weeks off then 10 days every 4 weeks.	Allergic reactions Sulfa allergy
Emflaza (deflazacort)	Duchenne Muscular Dystrophy	Corticosteroid	Marathon/2017	Tab 6,18,30,36 mg Susp 22.75/ml	0.9 mg/kg/day daily	Steroids side effects
Austedo (deutetrabenazine)	Huntington Chorea Tardive Dyskinesia	Vesicular monoamine transporter 2 (VMAT2) inhibitor	Teva/2017	Tab 6,9,12 mg	6-48mg daily	Depression & suicidality (2%) Don't use with MAOI or Reserpine (wait 14 days) QTc prolongation (8msec) NMS, Parkinsonism, Sedation
Ingrezza (valbenazine)	Tardive Dyskinesia	Vesicular monoamine transporter 2 (VMAT2) inhibitor	Neurocrine/2017	Cap 40 mg	40mg daily x 1W then 80mg daily	Somnolence Don't use with MAOI QT prolongation
Gocovri (amantadine)	Parkinson's Dyskinesia	Long acting amantadine	Neurocrine/2017	Cap 68.5, 137 mg	137mg qhs x 1W then 274 qhs	Falling asleep, somnolence Hallucinations/psychosis Impulse control disorder Withdrawal-Emergent Hyperpyrexia and Confusion Depression, suicidality Orthostatic hypotension
Xadago (safinamide)	Parkinson's disease	MAO-B inhibitor	Newron /2017	Tab 50, 100 mg	50mg daily x 2W then 100mg daily	Don't use with opioids, TCA, SNRI, cyclobenzaprine Hypertension Falling asleep, somnolence Hallucinations/psychosis

						Impulse control disorder Withdrawal-Emergent Hyperpyrexia and Confusion
Brineura (cerliponase alfa)	NCL type II (infantile)	Lysosomal tripeptidyl peptidase	BioMarin/2017	Intraventricular (50mg)	300mg intraventricular infusion every 2W	Allergic reactions Arrhythmia
Spinraza (nusinersen)	Spinal Muscle Atrophy (5q mutations)	Antisense oligonucleotide (ASO)	Biogen/2016	Intrathecal (12mg)	12mg ever 2W x 4 then every 4 months	Thrombocytopenia URI
Briivact (brivaracetam)	Partial Seizures	Synaptic vesicle protein 2A (SV2A)	UCB/2016	Tab 25, 50, 75, 100 Susp 10mg/ml IV 10mg/ml	50-100 mg BID	Suicidal ideation Somnolence, dizziness Psychiatric side effects
Carnexiv (carbamazepine)	Seizures	Na Channel Blocker (IV Carbamazepine)	Lundbeck/2016	200mg/20ml	IV dose = 70% of usual oral dose divided q6h	