

Child Neurology Division, Department of
Pediatrics
AIIMS, New Delhi

<u>INPATIENT:</u>	C5 ward (to be soon shifted to Mother and Child Block)
<u>OUTPATIENT:</u>	Routine OPD- Unit II: (9 am onwards) Tuesday/Friday- Room 4, Room 5, Room 14 A Child Psychology Services (Management of ASD, ADHD, SLD; Early stimulation; Application of various validated DQ/IQ tests, tests for behavioural disorders, psychological assessment and counselling)- Room 13
<u>CLINICS:</u> (2pm onwards)	<u>Monday</u> Child Development Clinic- Cerebral palsy/ static insult sequelae with developmental delays Neurocysticercosis Clinic- New and follow up cases of neurocysticercosis <u>Wednesday</u> Pediatric Neurology Clinic – All diagnosed follow cases (Epilepsy/Neurodegenerative/Demyelination/Neurometabolic/ Stroke/ Neuroinfections/ Neurocutaneous syndromes/ Immune mediated neurological disorders etc.) Autism Clinic- Child with autism spectrum disorders

	<u>Friday</u> Neuromuscular Clinic- Spinomuscular Atrophy/Duchenne muscular Dystrophy and other dystrophies/Myopathies/Myaesthesia
<u>ELECTROPHYSIOLOGY LAB:</u>	EEG , VIDEO EEG , AMBULATORY EEG NCS AND EMG RNST, PSG, TMS
<u>DAY CARE PROCEDURES AND INTERVENTIONS:</u>	Lumbar Puncture, Skin biopsy, Nerve biopsy, Muscle biopsy, Neostigmine challenge test, Drug administration (including IVIG, Pulse methylprednisolone therapy)
<u>SPINAL MUSCULAR ATROPHY TREATMENTS AS PART OF HUMANITARIAN ACCESS PROGRAM:</u>	1) Spinraza treatment to spinal muscular atrophy patients under SIPHAP (SPINRAZA INDIVIDUAL PATIENT HUMANITARIAN ACCESS PROGRAM) 2) Risdiplam oral therapy 3) Gene therapy (Zolgensma/Onasemnogene abeparvovec xioi) Novartis under Global Access Programme
<u>DIETARY THERAPY (BOTH RESEARCH AND SERVICE MODE):</u>	1) KD, MAD and LGIT to refractory epilepsy patients 2) GFCF diet in Autism Spectrum Disorder KD in super refractory NCSE
<u>HSCT PROGRAM (SERVICE MODE):</u>	Neurodegenerative disorders like Adrenoleukodystrophy, Krabbe's disease

<u>PLASMA EXCHANGE (IN COLLABORATION WITH PEDIATRIC NEPHROLOGY DIVISION):</u>	Immune mediated neurological disorders (autoimmune Encephalitis, GBS, Acquired demyelination syndrome)
<u>NEUROINTENSIVE CARE:</u>	Phenobarbitone coma, ICP monitoring
<u>NEWER THERAPIES (RESEARCH MODE):</u>	Intra-erythrocyte dexamethasone phosphate (Ataxia telangiectasia) Ataluren (DMD) Sarizotan (Rett Syndrome) Probiotics and stool microbiome (Autism spectrum disorder)

<u>RESEARCH AS PART OF CENTRE OF EXCELLENCE AND ADVANCED RESEARCH FOR CHILDHOOD NEURODEVELOPMENTAL DISORDERS:</u>	Neurodevelopmental disorders
<u>REGISTRY</u>	High quality international and national webinars and conferences on neurodevelopmental disorders
<u>KNOWLEDGE AND TRAINING</u>	Autism spectrum disorder, Muscular dystrophies (except deletion positive DMDs), Epileptic encephalopathies
<u>NEXT GENERATION SEQUENCING AND CREATING GENETIC DATABASE</u>	Muscular dystrophies
<u>SKIN BIOPSY AND MUSCLE MRI:</u>	Acute Encephalitis Syndrome
<u>BIOFIRE PANEL:</u>	Rehabilitation of children with Cerebral palsy and Autism Spectrum Disorder
<u>TEXTILE TECHNOLOGY (IN COLLABORATION WITH IIT, DELHI):</u>	Rehabilitation of children with Autism spectrum disorder and Cerebral palsy
<u>VIRTUAL THERAPY (IN</u>	

<u>COLLABORATION WITH IIT, DELHI):</u> <u>TELENEUROLOGY:</u>	Helpline and teleconsultation for neurodevelopmental disorders
<u>NOVEL DIGITAL EDUCATION INITIATIVES:</u>	a) Mobile application for diagnosis of ADHD, ASD, Neuromotor impairments and Epilepsy b) E learning modules for common neurodevelopmental disorders c) pedneuroaaims.org (educational website with resource material for health professionals and parents/caregivers)
<u>ARTIFICIAL INTELLIGENCE BASED INTERVENTIONS (RESEARCH):</u>	ASD and SLD (Specific Learning Disability)
<u>TMS (TRANSCRANIAL MAGNETIC STIMULATION) BASED RESEARCH (BOTH</u>	Hemiparetic cerebral palsy, refractory focal epilepsy, ASD, Electrographic status epilepticus in slow wave sleep

<u>THERAPEUTIC AND DIAGNOSTIC):</u>	
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Various patient information material available on website
pedneuroaiims.org

In both Hindi and English for :

http://pedneuroaiims.org/parents_information_matrials.html

1. Autism- Fact sheet (revised 2018), Autism awareness and empowerment, Patient education guide, therapy guidelines
2. Cerebral Palsy- Patient education guide and structured exercise program
3. Developmental stimulation,
4. Duchenne Muscular Dystrophies
5. Febrile seizures
6. Epilepsies
7. Seizure diary
8. Dietary therapy in epilepsies
9. Neurocysticercosis
10. Spinal Muscular Atrophy
11. Headache diary

Patient information videos on

1. Domiciliary Management of seizures
<http://pedneuroaiims.org/domiciliary-management-of-acute-seizure.html>

2. Developmental stimulation

<http://pedneuroaiims.org/developmental-stimulation.html>

3. CIMT (Constraint Induced Movement Therapy) for hemiplegia

<http://pedneuroaiims.org/cimt-for-hemiplegia.html>

4. Autism

<http://pedneuroaiims.org/autism-video-parent-awareness.html>

Android based app

<https://play.google.com/store/apps/details?id=com.pedneuroaiims.diagnostics>

iOS based app

<https://apps.apple.com/in/app/pedneuroaiims-diagnostics/id1450810432>