

## Developmental Neurology Clinic

This clinic sees children ages 0-17 years with developmental delay and potential neurological concerns. This is primarily a consultative clinic focusing on the investigation and diagnoses of neurological disorders. Treatment and therapy recommendations may be provided, including advice for treating comorbid neurologic symptoms in the context of complex neurodevelopmental disorders, ideally in partnership with primary care physicians. This clinic also provides balanced evidence-based advice regarding new therapies and when appropriate and safe to do so, will work with motivated families to explore new treatment approaches for neurodevelopmental disorders.

### Referrals are accepted from:

- Community Pediatricians
- ACH Clinic Sub-Specialists
- Family Physician

### Inclusion Criteria:

- Atypical findings on a neurological exam (e.g., low tone, focal neurological signs, upper motor neuron signs, ataxia)
- Children with developmental delays who are not progressing as expected with neurorehabilitation (e.g., 9-month-old not yet sitting despite early intervention)
- Documented loss of skills or regression (not ASD)
- Known or chronic neurodevelopmental condition (e.g., ASD, genetic syndrome) with:
  - comorbid neurological concerns (headaches, tremors, spells, paroxysmal events of suspected neurologic etiology) requiring investigation and/or treatment
  - unexplained symptoms or behaviours of possible neurologic etiology requiring further neurological assessment and/or treatment (e.g., child with autism having “rage” attacks of unknown etiology, “freezing” episodes, ataxia episodes)
- Family of child with neurodevelopmental condition seeking information about new treatment modalities (ketogenic diet for autism, gabapentin trial for sensory dysregulation, mitochondrial cocktail/supplements, cannabinoids, bumetanide).

### Exclusion Criteria:

- Youth 18 years of age or older
- Management of seizures/epilepsy (refer to ACH Neurology Clinics or Autism Epilepsy Clinic)
- Acute stroke (call ACH on-call stroke service)
- Cerebral palsy management (refer to Neuromotor clinic)
- Syncope
- Tics/Tourette Syndrome (refer to Tourette Syndrome & Pediatric Movement Disorder Clinic)
- Autism Spectrum Disorder (ASD) assessments
- No specific diagnostic question is provided

**Referral sources are requested to attach the following documentation:**

- Identify professionals currently involved with the child
- Submit past multidisciplinary assessment reports

**Urgent Criteria:****Referrals regarding documented developmental regression should be marked urgent**

Referrals should include past documentation or video of a baseline skill against which regression can be demonstrated.

**Please Complete:**

Consultative Diagnostic Clinic Referral Form found on the Alberta Referral Directory.

**Contact Information:**

Child Development Services: Central Access and Referral Management:

Phone: 403-955-5999

Fax: 403-955-5990