

Neurometabolic Registry Site in Iran (Leukodystrophies)

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Farzad AHMADABADI MD

Neurometabolic diseases have important roles in the children disabilities and developmental disorders

The field of pediatric Neurometabolic Disorders discuss about diagnosis and treatment in children with metabolic disorders, including:

Central nervous system white matter disorders (leukodystrophies)

Disorders of aminoacids

Disorders of organic acid metabolism

Disorders of Lysosomal storage diseases

Mitochondrial disorders

In the past three seminars we discussed about Organic academia, Lysosomal disorders and mitochondrial diseases.

In this seminar our lectures will be about Leukodystrophies, a group of neurometabolic disorders that affect the growth or maintenance of white matter or myeline and manifest with motor and cognition impairment.

The prevalence of genetic leukodystrophies is about 2/10 000 in Europe.

Because consanguineous marriage is more common in iran we expect more cases in our country.

There are 24 registered cases of leukodystrophies in Iranian Registry of neurometabolic diseas site as following table: Only clinical and biochemical confirmed cases are registered.

	Disease	No
1	Canavan disease	5 cases
2	ALD	4 cases
3	MLD	5 cases
4	Krabbe	2 cases
5	Pelizaeus Merzbacher	1
6	Pelizaeus _merzbacher like	2
7	Alexander	0 cases
8	Undefined	5 cases

Pediatric Neurology Department,
Ardabil University of Medical
Sciences, Ardabil, Iran

Corresponding Author:
Ahmadabadi F. MD
University of Medical Sciences,
Ardabil, Iran
Email: f.ahmadabadi@arums.ac.ir

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