

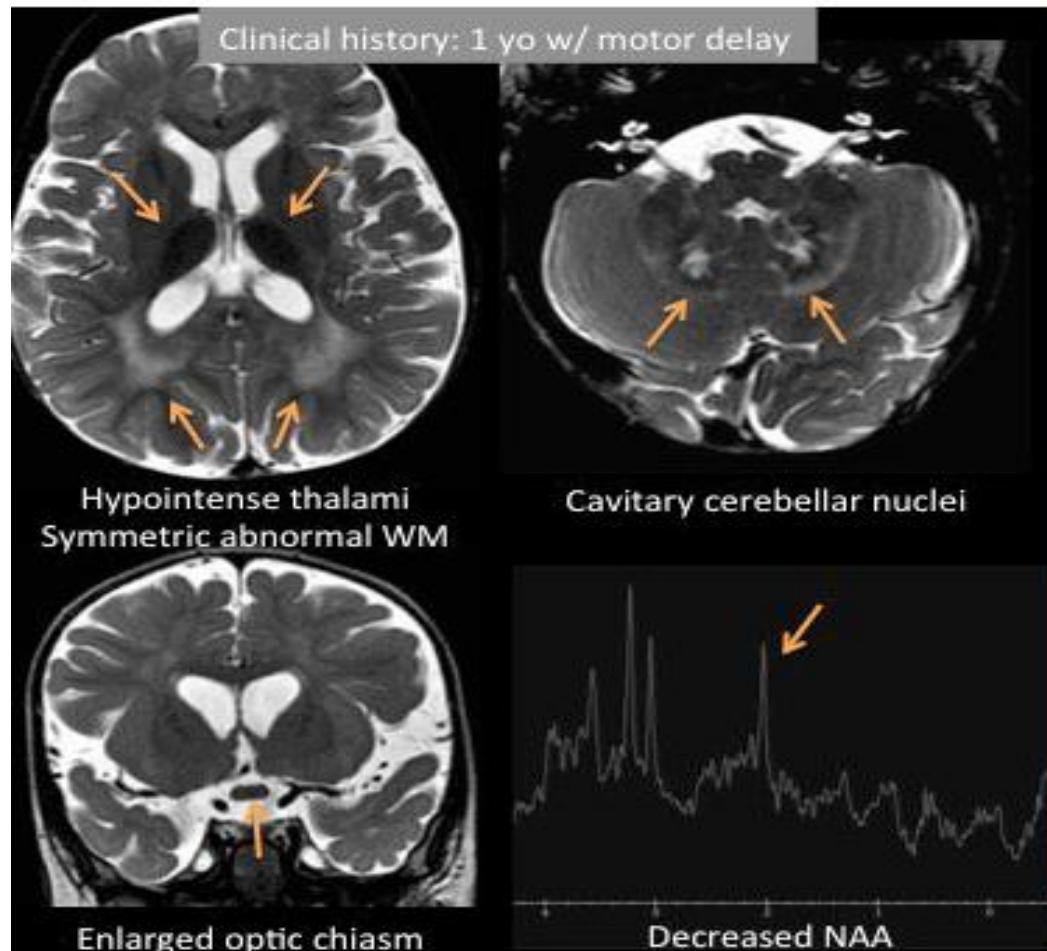


2  2 5

The year '2' is on the left, '2' is in the middle, and '5' is on the right. Between the two '2's is a circular seal of the Government of Karnataka. The seal features a central emblem with a lion and a sun, surrounded by text in Devanagari script.

**KARNATAKA RADIOLOGY EDUCATION PROGRAM**

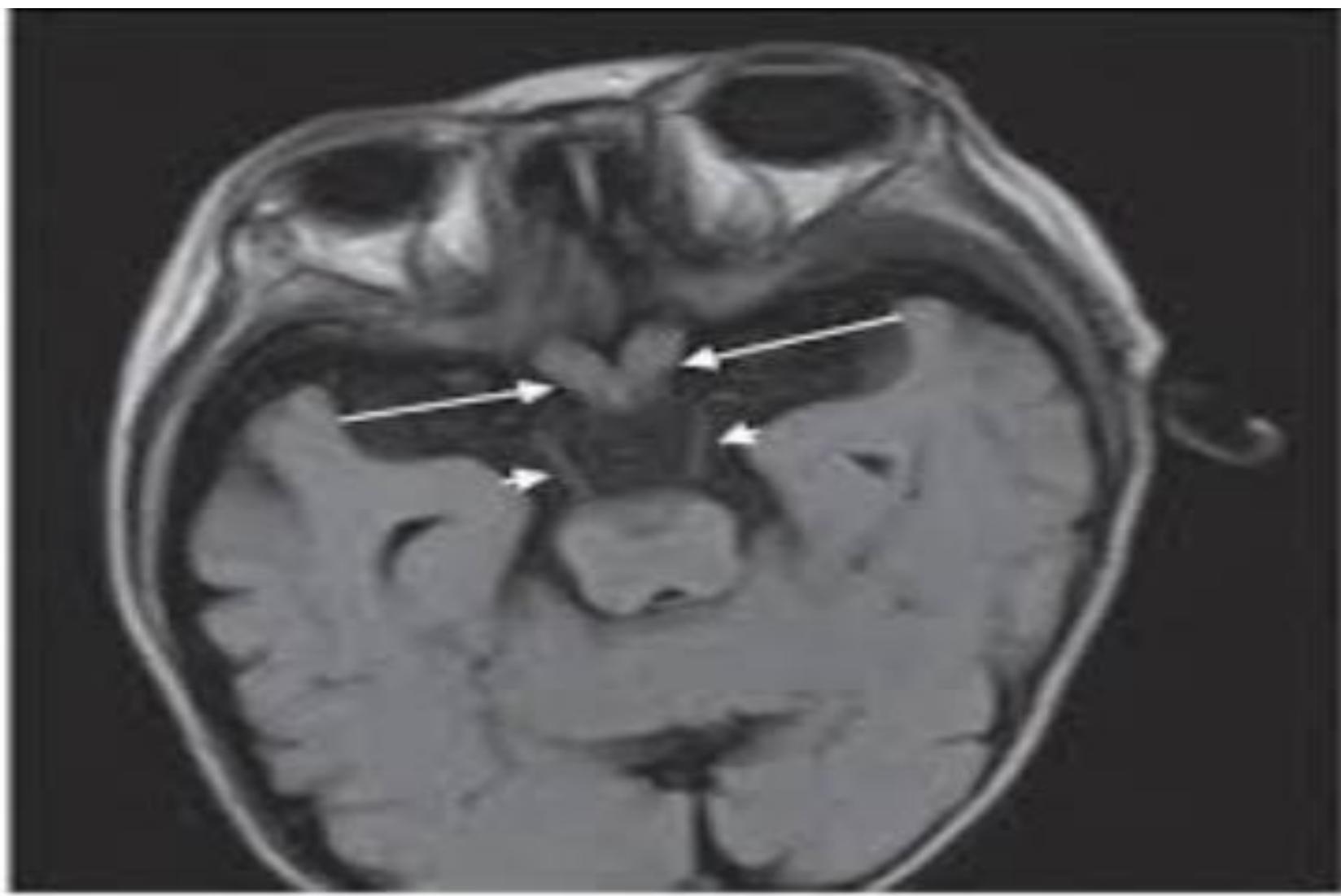
CASE



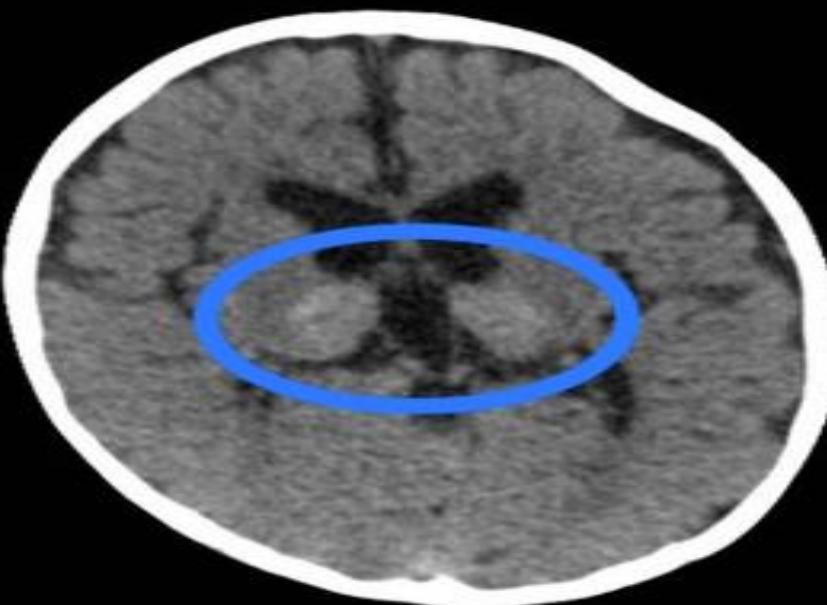
## Krabbe Disease

- Autosomal recessive leukodystrophy w/ deficiency of galactocerebroside that leads to accumulation of psychosine, which is neurotoxic
- Symptoms: dev delay, seizures, visual failure, cerebellar ataxia
- Imaging shows
  - Symmetric abnormal WM, cerebellar nuclei, & PLICs
  - Mineralization of thalami
  - Enlarged optic nerves (from globoid cell deposition)
  - Dec NAA, inc Cho
- Tx: Stem cell transplant, clinical trials

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# Krabbe Disease



- Krabbe disease is an autosomal recessive lysosomal storage disorder.
- There is an infantile form (85-90%), which occurs <2y age and is rapidly progressive. The adult form (10-15%) is more slowly progressive.
- The CT demonstrates bilateral hyperdense thalami and generalised cerebral atrophy.