

Cerebellar Mutism Syndrome

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Key symptoms of CMS (PFS/MSD)

- - Delayed onset 2-7 days
- - Mutism and subsequent dysarthria (MSD) or reduced speech
- - Bizarre emotional and behavioural deficits
 - depressed affect, apathy
 - Wining, irritability, and agitation
 - Emotional lability
- - (progression of) limb paresis / ataxia/
- - Decreased initiation of voluntary movements
 - Oropharyngeal dyspraxia
- - Urinary/ faecal incontinence

The classic clinical picture

- M.: 5 year old boy
- Resection of a large midline tumor: medulloblastoma
- Mild preoperative hydrocephalus

The classic clinical picture: M. 5 years old

Preoperative

1. counting 1-20

Postoperative:

7 days: emotional lability when forced to imitate or speak

1 day after speech onset: First dysarthric words:

Mama

8 days after speech onset

appelmoes= applesauce

vla met pillen=custard with pills

vlees= meat

Dysarthria diminishes but rarely completely disappears

M: counting to 20 and repeating letters

2.6 years after resection of cerebellar
pilocytic astrocytoma

CMS duration 3 months.

Voice tremor

Slow speech rate

Articulation problems

Key symptom: MSD or Reduced speech

- N: 11 years old:
- Reduced speech and inhibited behaviour

Key symptom: whining

Key symptom: compulsory laughing

Key symptom: Oropharyngeal dyspraxia

- J: 5 years
- 4 weeks after surgery

Rare symptom: eyelid dyspraxia

Late sequelae of CMS fit in the spectrum of CCAS.

Cerebellar Cognitive affective syndrome

- 4 major symptoms
 - 1 Disturbances of executive function
 - 2 Impaired spatial cognition
 - 3 Linguistic difficulties
 - 4 Personality change

Thank you for your attention

