

# An approach to children with neuromuscular disease

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# Topics

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- Prototypic diseases
- Clinical assessment
- Management

# Prototypic diseases

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## ■ Cerebral palsy

### ■ Predisposing factors

- Muscle spasticity (upper airway, tongue, soft palate, pharynx) during awake and sleep
- Seizure [Strores 2001]
- Visual impairment [Palm et al 1997]
- Obstructive apnea, hypoventilation [Cohen et al 1997]

# Prototypic diseases

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- Difficulty initiating and maintaining sleep, sleep-wake transition [Newman et al 2006]
- Athetoid CP- abnormal movements during REM sleep [Hayashi et al 1990]