

neuroblastoma

Non paraneoplastic sign

Horner syndrome

Signs of spinal cord compression

opsoclonus myoclonus
syndrome

introduction

**Originally described in 1962 by
kinsbourne**

Clinical aspects

**Symptom's cluster over
days to weeks**

Motore aspect of oms

triad

opsoclonus

myoclonus

ataxia

irritability

Fragmented sleep

Reduce total sleep

Velcro child

genetics

**No dizygotic or monozygotic
twins developed oms**

Higher autoimmune
incidence in parents

etiology

50% neural crest tumors

When a tumor is not
detected

??????????

infection

vaccine

treatment