New-born. Several cutaneous blue lesions associated with hepatic and lung nodules

Pediatrician’s presumptive clinical diagnosis: Metastatic neuroblastoma?
Case 4 SF

CD34

CD31

SMA

SMA
What is the diagnosis?
Infantile myofibromatosis

- Juvenile fibromatosis
  - Solitary (myofibroma)
  - Multicentric, with sometimes visceral involvement
- Spontaneous regression or ...death!
Infantile myofibroma/tosis

- Belongs to the perivascular tumor’s group
- Derived from cells located in the myoid vessel wall and its adjacent stroma
  - glomus cell,
  - pericyte,
  - myopericyte,
  - Perivascular Epithelioid Cell,
  - symplast
- IMF derived from myopericyte (SMA+, caldesmon+, calponin-, desmin-)

⇒ myopericytoma

Nodules of myoid cells mostly located in periphery
Vacular areas mostly located in center made up of capillaries, some of which exhibiting staghorn shapes
The entity formerly known as haemangiopericytoma has been replaced by infantile myofibromatosis.