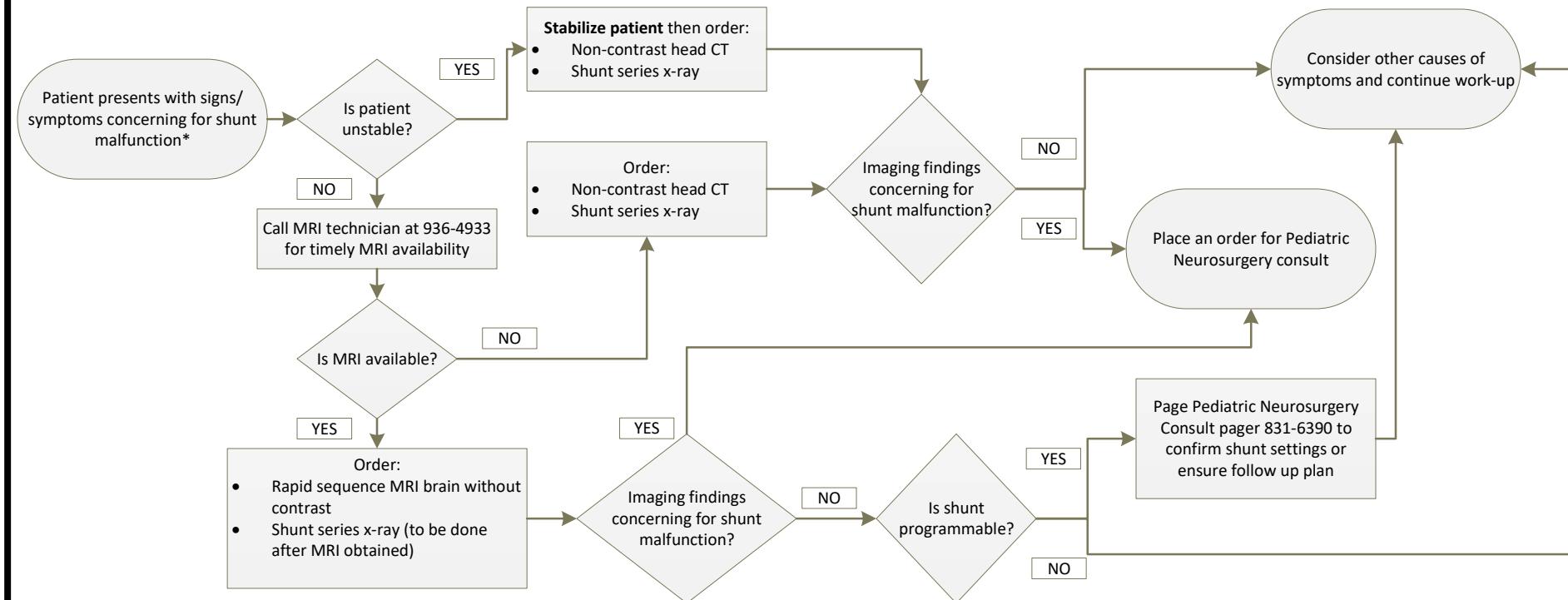


# Pediatric Ventricular Shunt Malfunction Evaluation

## Clinical Practice Guideline



### \*Signs and Symptoms Concerning for Shunt Malfunction:

- Persistent headaches unrelieved by over the counter medications
- Persistent nausea/vomiting
- Bulging fontanelle
- Rapid increase in head circumference
- Increased irritability or lethargy
- Altered mental status
- Acute decline in vision or papilledema on exam
- Stridor (spina bifida patients)

### Programmable vs. Non-Programmable Shunt:

- Commonly described in last clinic note
- Described in latest shunt operative note
- Programmable shunt settings need checked within 48 hours

### Types of Shunts:

- Ventriculo-peritoneal (most common)
- Ventriculo-atrial
- Ventriculo-pleural
- Ventriculo-subgaleal (infants only, temporary shunt)

**If imaging is stable but there is concern about patient's symptoms/exam place order for Pediatric Neurosurgery Consult**

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