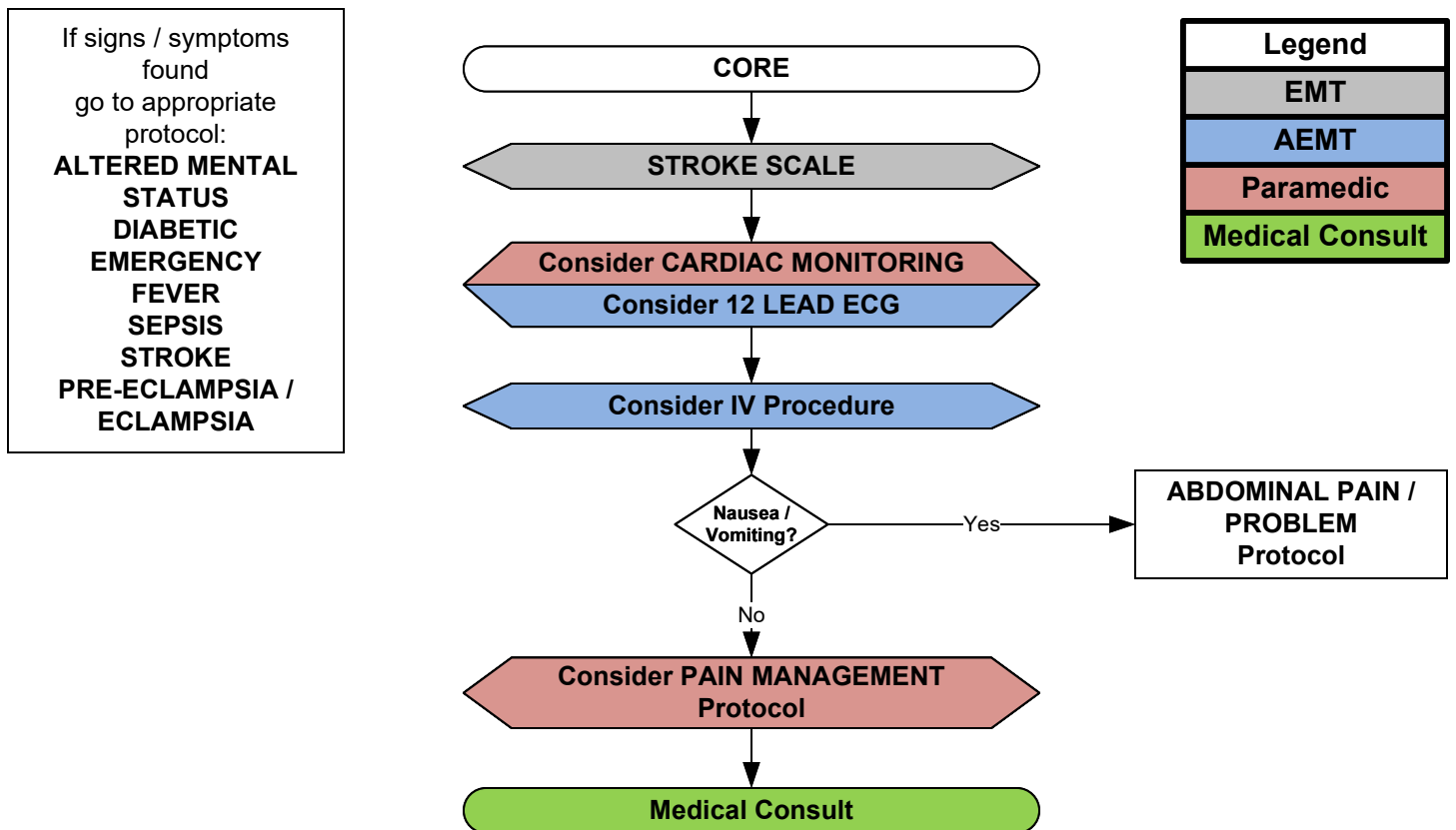


HEADACHE

History: ○ Age ○ Any Recent Trauma ○ Any Recent infection / Fever ○ Risk Factors for Stroke ○ Pregnancy / Recent Childbirth ○ SAMPLE	Signs and Symptoms: ○ Pain ○ Altered Mental Status ○ Nausea / Vomiting ○ Weakness / Numbness ○ Sensitivity to Light ○ Vision Changes ○ Fever / Stiff Neck / Rash	Differential: ○ Migraine headache ○ Tension headache ○ Cluster headache ○ Sinus Infection ○ Head Trauma ○ Intracranial Hemorrhage ○ Meningitis / Encephalitis ○ Hypertension ○ TIA / Stroke ○ Brain Tumor ○ Pre-Eclampsia / Eclampsia
--	---	--



Pearls:

- Rule out stroke/TIA, intracranial hemorrhage, meningitis/encephalitis, hypertensive emergency, and pre-eclampsia/eclampsia differential diagnosis prior to considering the **PAIN MANAGEMENT Protocol**.
- Ketorolac is contraindicated in pregnancy, in patients with renal failure, severe asthma, peptic ulcers, bleeding disorders, or those taking anti-coagulant medications, and patients with stroke/intracranial hemorrhage signs and symptoms prior to CT scan.
- Red flag symptoms may suggest a serious underlying cause that warrants further evaluation, or that may be worsened by pain medications: sudden onset, severe intensity, neurological symptoms (e.g. weakness, numbness, mental status changes, dizziness, speech or vision changes, ataxia), fever or neck stiffness, recent trauma, or older patients.