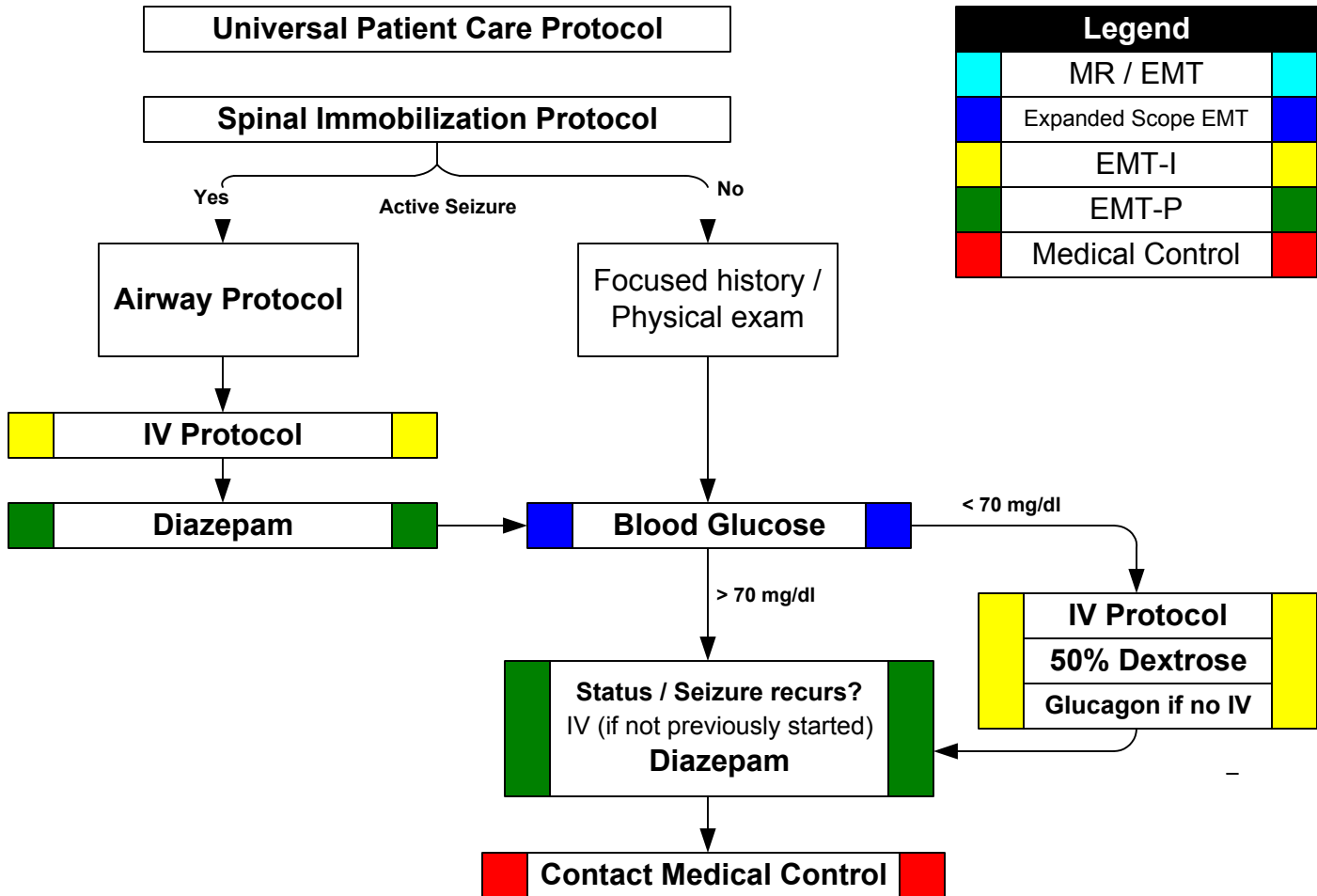


# FORSYTH COUNTY EMS MEDICAL PROTOCOLS

## Seizure

<b>History:</b> <ul style="list-style-type: none"> <li>* Reported / witnessed seizure activity</li> <li>* Previous seizure history</li> <li>* Medical alert tag information</li> <li>* Seizure medications</li> <li>* History of trauma</li> <li>* History of diabetes</li> <li>* History of pregnancy</li> </ul>	<b>Signs and Symptoms:</b> <ul style="list-style-type: none"> <li>* Decreased mental status</li> <li>* Sleepiness</li> <li>* Incontinence</li> <li>* Observed seizure activity</li> <li>* Evidence of trauma</li> </ul>	<b>Differential:</b> <ul style="list-style-type: none"> <li>* <b>CNS (Head) trauma</b></li> <li>* <b>Tumor</b></li> <li>* <b>Metabolic, Hepatic, or Renal failure</b></li> <li>* <b>Hypoxia</b></li> <li>* <b>Electrolyte abnormality</b></li> <li>* <b>Drugs, Medications, Non-compliance</b></li> <li>* <b>Infection / Fever</b></li> <li>* <b>Alcohol withdrawal</b></li> <li>* <b>Eclampsia</b></li> <li>* <b>Stroke</b></li> <li>* <b>Hyperthermia</b></li> </ul>
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**Pearls:**

- \* **Exam: Mental Status, HEENT, Heart, Lungs, Extremities, Neuro**
- \* Status epilepticus is defined as 2 or more seizures without a period of consciousness, and is a true emergency.
- \* Gran mal seizures are associated with loss of consciousness, incontinence, and tongue trauma.
- \* Focal seizures effect only part of the body and are not usually associated with a loss of consciousness.
- \* Jacksonian seizures are seizures which start as a focal and become generalized.
- \* Be prepared for airway problems with continued seizures.
- \* Be prepared to assist ventilations especially if diazepam is used.
- \* For any seizure in a pregnant patient, follow OB Emergencies Protocol.
- \* Diazepam's primary administration should be IV or Rectally.