

Seizures

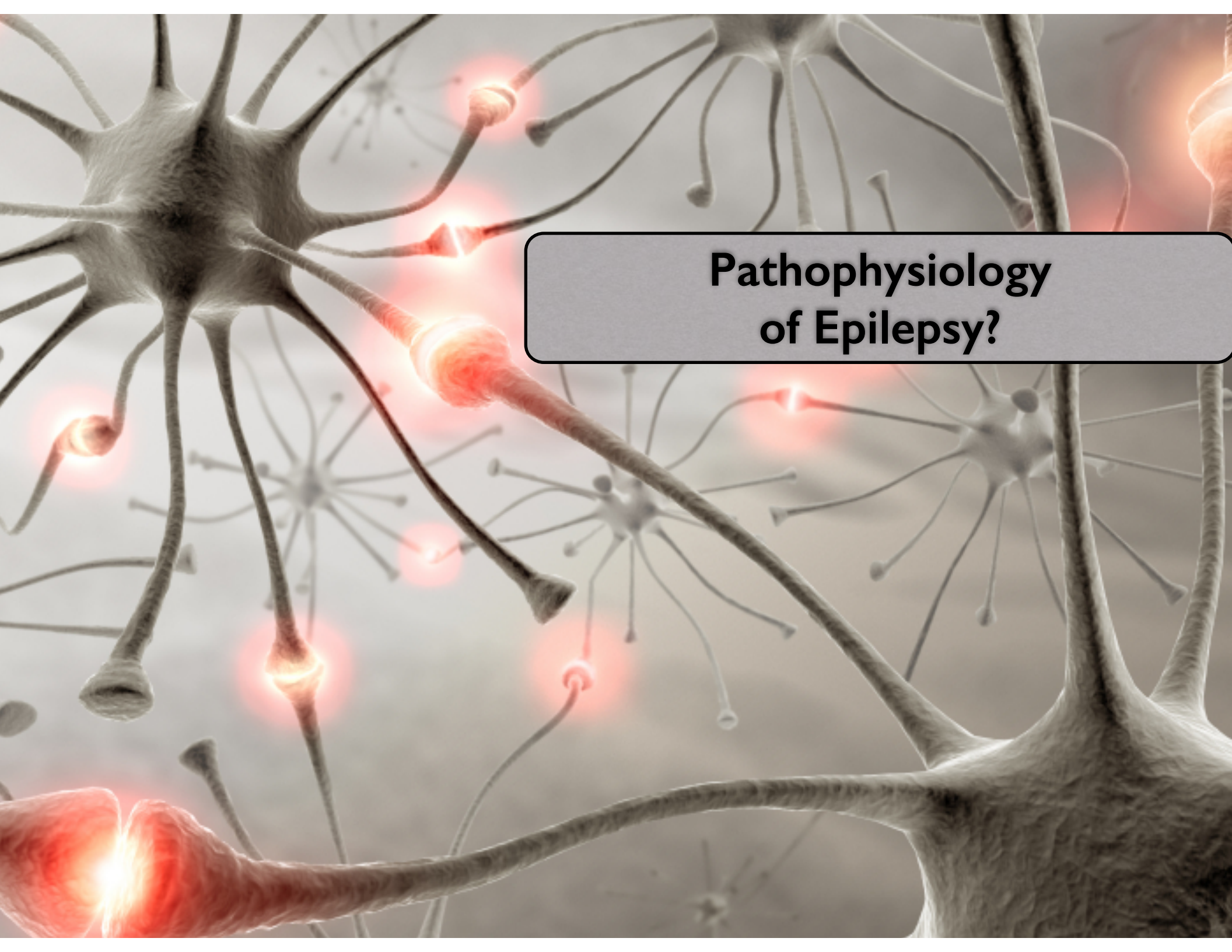


Definitions

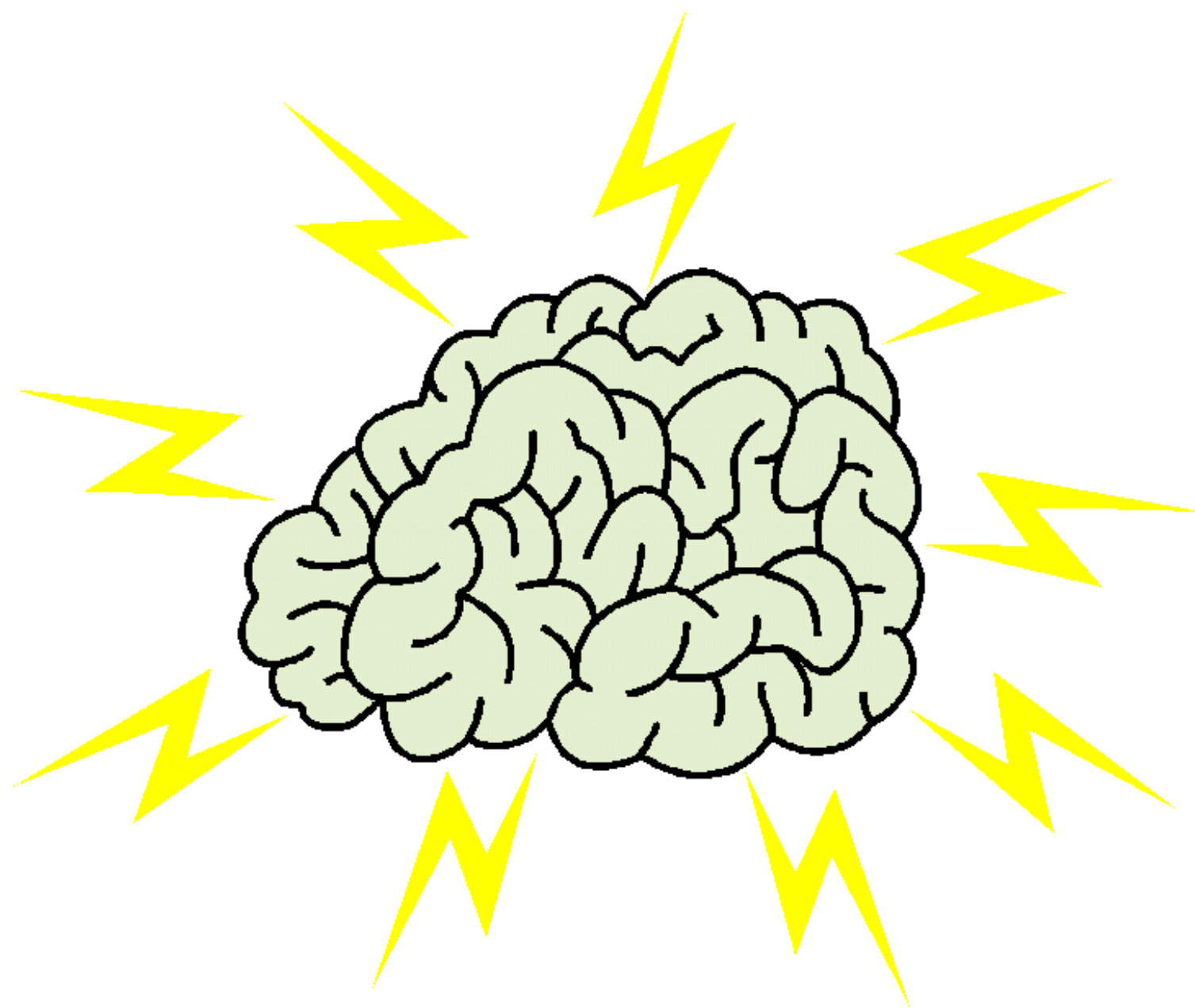
Seizure

Epilepsy

Convulsion



Pathophysiology of Epilepsy?



Types of Seizures



- Primary Seizures
 - Generalized
 - Partial
 - simple/complex
- Secondary Seizures
- Status Epilepticus

What Am I?

- Your patient presents supine on a couch with full-body convulsions.

Grand Mal Seizure

- Aura
- LOC
- Tonic phase
- Hypertonic phase
- Clonic phase
- Postictal phase

Grand Mal Seizure

- Check it out!
- And this!

What Am I?

- While transporting a 6 y/o F to the hospital, you note that she suddenly stops talking and is staring off, blankly. You call her name, but she does not respond. After about 10 seconds, the situation resolves, and she is CA&O, talking with you as if nothing happened.

Absence Seizure

- Check this out!
- And this!

What Am I?

- Your patient presents CAOx4 in NAD with an uncontrollable, jerky muscular contractions to his left arm.

Simple Partial Seizure

- Check it out!

What Am I?

- Your patient presents conscious though unresponsive to verbal stimuli. You note that he is unable to follow commands, seems confused, and is smacking his lips repeatedly.

Complex Partial Seizure

- Check it out!

Treatment

If patient is seizing, let them seize! Move any objects that may cause harm.

Airway

Breathing

Circulation

Position patient: lateral recumbant



Question...

- How do you tell the difference between a seizure and syncope?

Seizure

Syncope

Start?

Any position

Typically Standing

Complaint?

Aura, possibly

Dizziness

Duration?

Minutes

Seconds - minutes

Relief?

Nothing

Supine

Postictal?

Yes

No