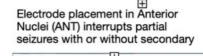
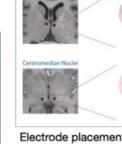
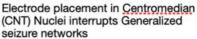
Deep Brain Stimulation (DBS): an Option for Seizures in GRI Kids



- · Very long safety track record; used since the 1990s for various uses;
- · over 150,000 people have one in right now
- Reversible
- Modulation is adjustable to each patient
- Relatively low risk of neurological deficit from surgery (.5%) Infection rate 5%
- FDA and European Union approved for epilepsy (In US covered by Insurance)















OUTCOMES

- best effects are on disabling, multifocal epilepsy as well as temporal lobe epilepsy (involvement of Panez circuit)
- it takes time for efficacy to build up (vs. DBS in movement disorders).
- · seizures may intensify upon initiation of stimulation.



