

TU/e Technische Universiteit Eindhoven University of Technology

Kempenhaeghe



Op 1 been kun je niet staan...

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Epilepsie: abnormale excitabiliteit

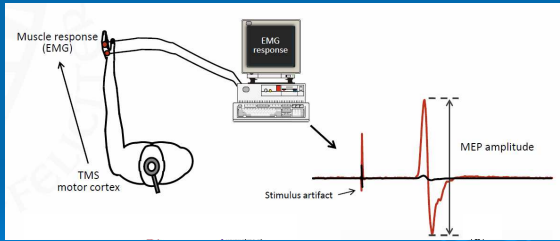
Diagnostiek:
 EEG: meten van ongoing, spontane, cortex activiteit
 Transcraniële magneetstimulatie: gecontroleerd meten van gestimuleerde cortex responsies

Behandeling:
 Modulatie van cortex excitabiliteit met TMS

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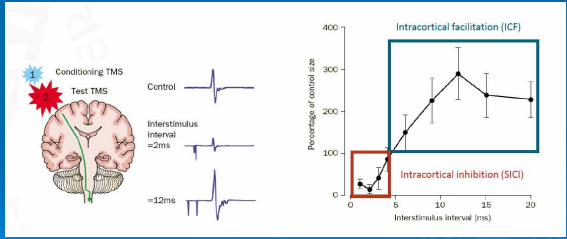
Assesment of motor cortex excitability



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Assesment of motor cortex excitability

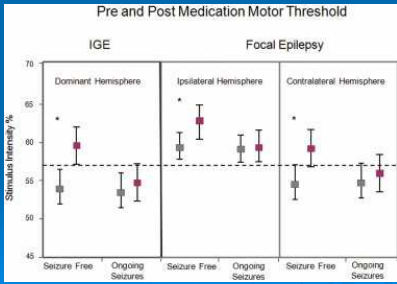


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Assesment of motor cortex excitability

Pre and Post Medication Motor Threshold



Group	Hemisphere	Seizure State	Stimulus Intensity % (approx.)
IGE	Dominant Hemisphere	Seizure Free	55
		Ongoing Seizures	55
	Ipsilateral Hemisphere	Seizure Free	60
		Ongoing Seizures	60
Focal Epilepsy	Contralateral Hemisphere	Seizure Free	55
		Ongoing Seizures	55

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Assesment of non-motor cortex excitability

