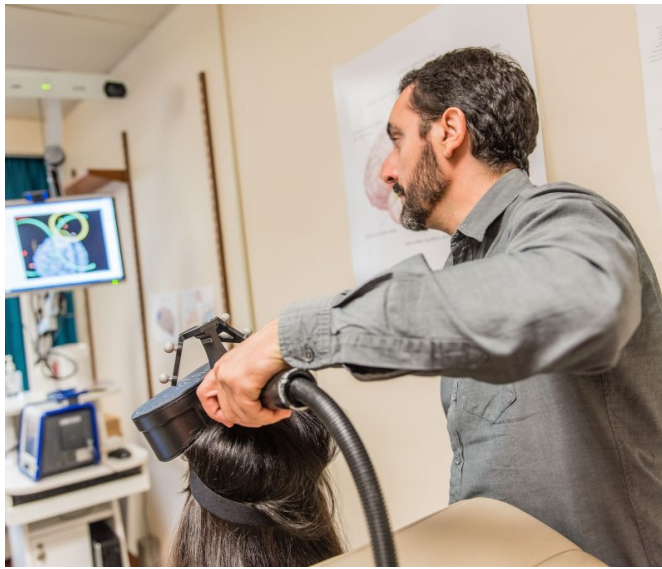
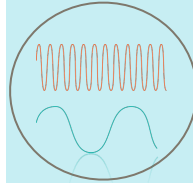


Understanding the Common Side Effect of Pain During Repetitive Transcranial Magnetic Stimulation Treatment

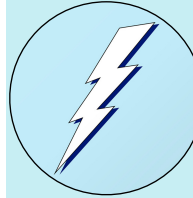
Findings from a study of patients with Major Depressive Disorder receiving high frequency rTMS to the left DLPFC



Factors Associated with Pain



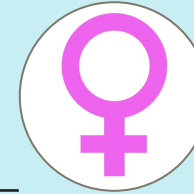
Little to no pain is expected at 20% **stimulation intensity**, and each 10% increase is associated with on average **+0.7 points**.



Patients receiving **iTBS** report pain at an average of **+0.76 points** higher compared to 10Hz



Older patients report an average of **+0.2 points** more per 10 years of age (starting age: 18)

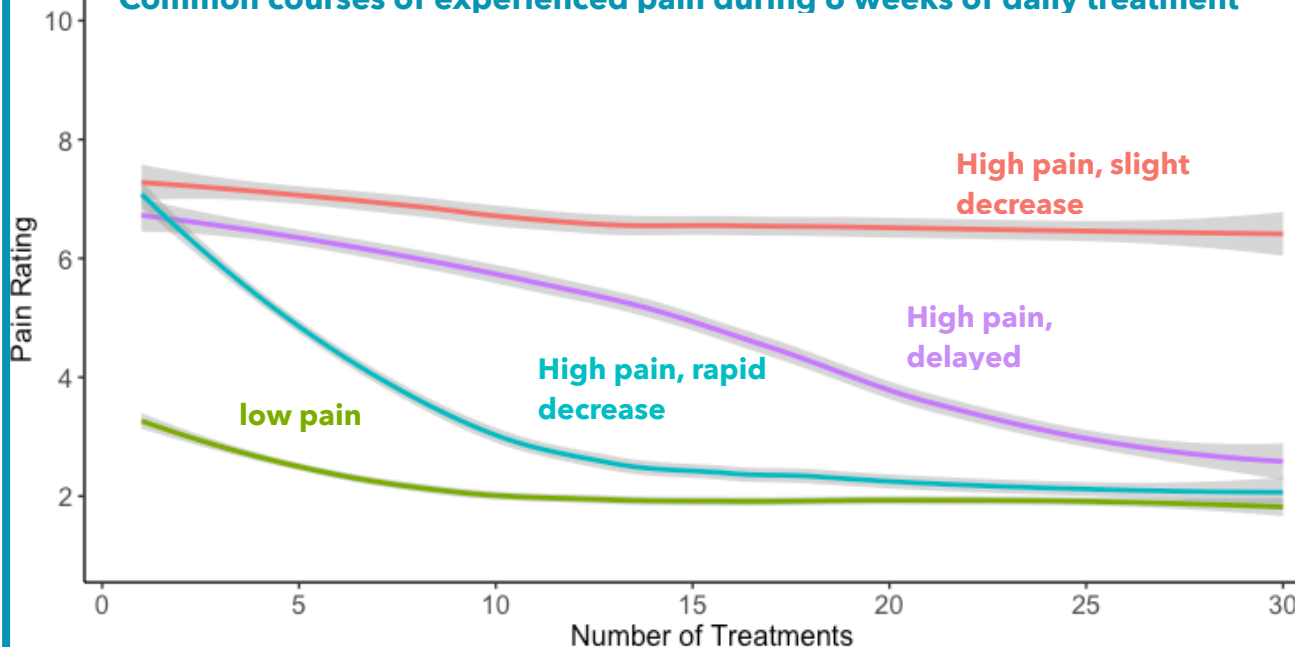


Female patients report pain at an average of **+0.4 points** higher than male patients

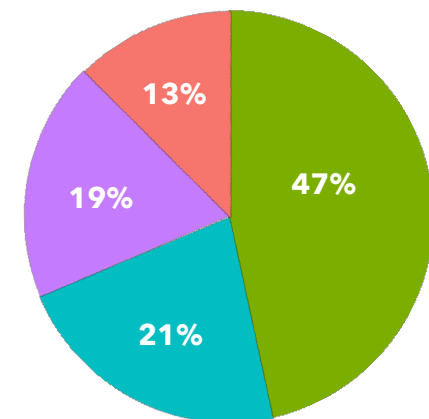


Patients with the highest level of **anxiety** report on average **+1.2 points** of pain compared to patients with no anxiety

Common courses of experienced pain during 6 weeks of daily treatment



Percentage of patients experiencing pain course



Most patients report low pain or notice a large decrease in pain over the course of treatment