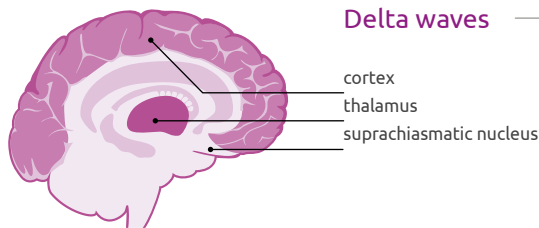


FREQUENCY BANDS IN THE EEG

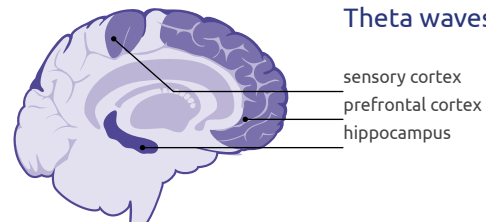


Delta waves

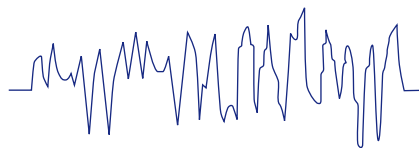


normal:
deep sleep

pathological:
brain lesion,
epilepsy

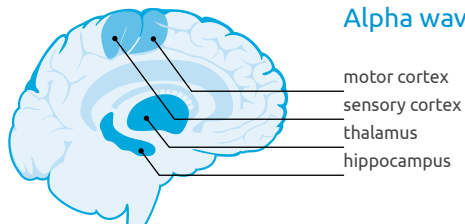


Theta waves

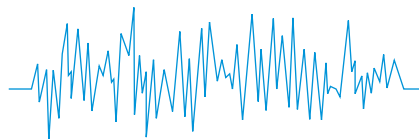


normal:
drowsiness

pathological:
inattention,
day dreaming,
anxiety,
ADHD

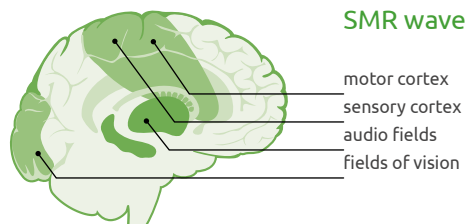


Alpha waves



normal:
relaxation,
meditation

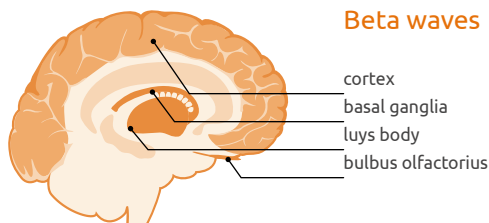
pathological:
depression,
ADHD



SMR waves



normal:
calm motor function,
mentally focused

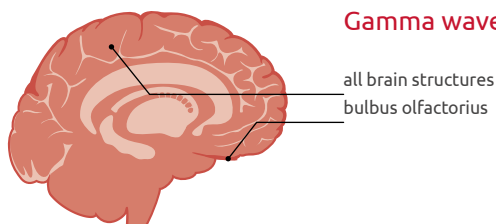


Beta waves

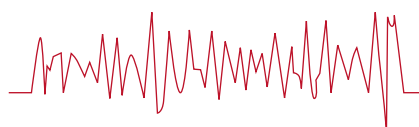


normal:
concentration,
activity

pathological:
compulsion,
sleep disorder



Gamma waves



normal:
neuronal connection,
consciousness,
complex thoughts

