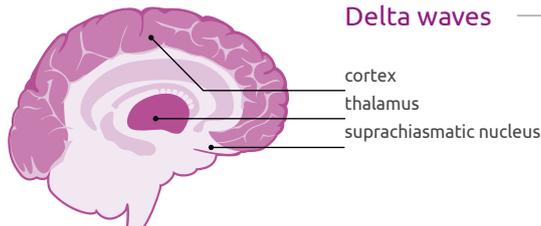
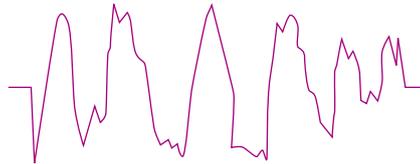


# FREQUENCY BANDS IN THE EEG

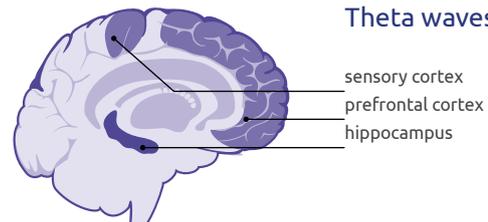


## Delta waves

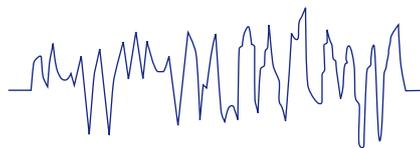


**normal:**  
deep sleep

**pathological:**  
brain lesion,  
epilepsy

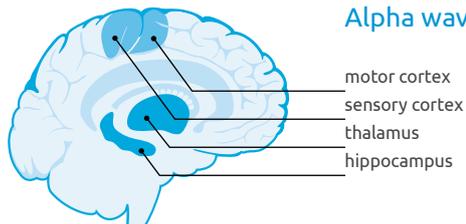


## Theta waves



**normal:**  
drowsiness

**pathological:**  
inattention,  
day dreaming,  
anxiety,  
ADHD

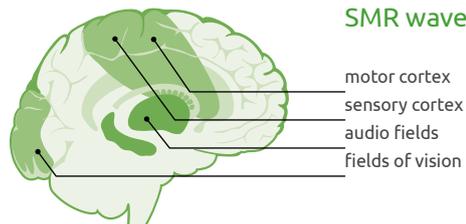


## Alpha waves



**normal:**  
relaxation,  
meditation

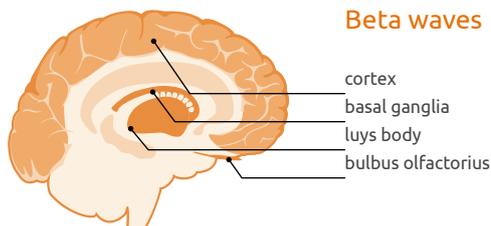
**pathological:**  
depression,  
ADHD



## SMR waves



**normal:**  
calm motor function,  
mentally focused

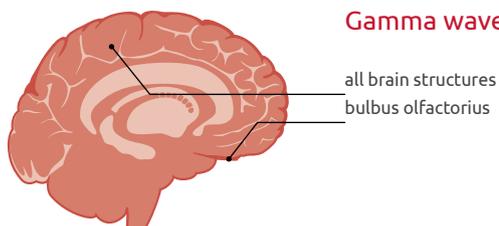


## Beta waves



**normal:**  
concentration,  
activity

**pathological:**  
compulsion,  
sleep disorder



## Gamma waves



**normal:**  
neuronal connection,  
consciousness,  
complex thoughts

