- Berain wave medical test EEG L'électrodes vier seuls , rain is deux & oil fever since many buterodes inserted pormal berain wave - 30 1/2 Elipsy Berain -> Burst of acromial spipes Ever of balies is uregular doublier maybe 30-60 min to perform Etcr Not good for a person with elipsy. Tumor on strope - very Low Etch freq relps give a general overvieur luit does not sperify our pinpoint the exact localton. 10 - 25 electrodes. While testing countrel to unfut a ce unatures no o

o o) - Find area to put the electrody → Fourhead Nose maybe. record the electrogram.

Sites where electrodes are inserted,

- F; Ferontal T: Temporal

FP: Ferontopolar C: central

P: Parietal O: Occipital

A: seuculan (lan electrode)

location as T3, T4, T5

Even number - Right side of head. Odd Number -> Left side of head.

Ways to connect then L' Records evain waves using amplifiers.

L's on a lupolar montage - electrode input! of one channel & input 2 of another

Being able to tell the exact location electural activity ("Localisation") is atrial, being able to interpret the meaning fully.

, rocalizing in Bipolar montages . By identifying the phase reversal. . A deflection within a chain pointing to opp durection.

> en referential montage . All waves move in a positive/same die · when +ve wave and we see a drange

then deflection downers

· Electuede viitte maseime negative activity in ereferential montage

relieving is done to just get 1-30 ds

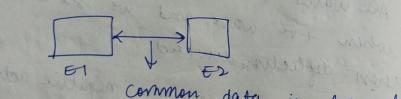
L'act locations eines to pin point

21 necording electrodes & 1 ground electrodes

electrodes

And one TKG electrode for eye moreno

Amplification -- measure activity of one electrode evelative to another.



Common data is eleminated and hence makes easien.

- encountry

retering is done to just get 1-30 Hz range.

Filtering > Love face (show waves)

High feeg (Fast)

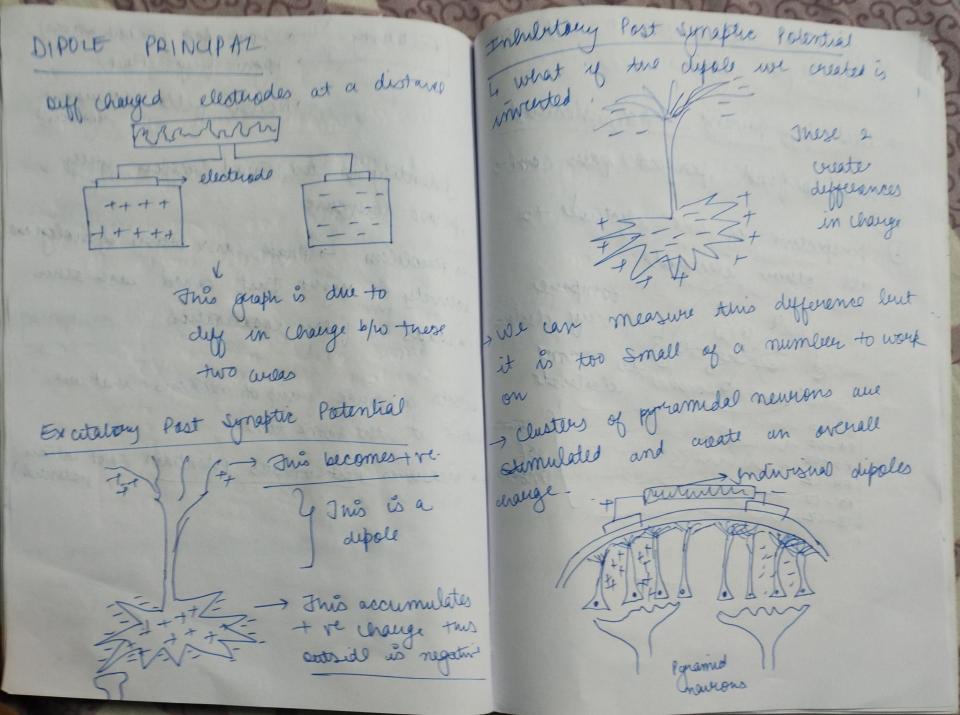
→ Notch filter (Nanewow region)

santifying the head engion with phase neverse.

spublem - phase cancellation of biological activity - might First cancel each other occasions to false localisations

extents a large group of newrons that are intime at the same time.

-> Measures Post Synaptic Potentials (Not action potential)



in multiple regions. to compane Other way like this relative to its adjacent electrode every -> Need for pairing up of electrodes - Need to find perfect pair combo. peaks perspective of one electrode to amplitude all other electrode every electron 5 Key Bands of feeg, signals sleep - Celto sectioned monty ligh concert - Grammer>35 mmmmmmmm

Interectial Epiletiform Dischaugers Le consists of scraup spike waves Normal > 20 - 70 ms Spike -> 70 - 200 ms. Aertifacts -> Non berain Signal Mat contribute to the Eth -> Eye Blink Rug Je Colmos 100 -> muscle movements -> Pouver line inference