



# CENTRAL LABORATORY

Mouchak Complex, Medical More,  
Jail Road, Dhap, Rangpur.  
central.lab.rang@gmail.com  
01759-063634, MRI: 01774-230138  
Licence No: HSM4516514, Reg. Code: HSM23196

COMPUTER CODE NO: 2022-17552	FILM NO: 0202	DATE 19-04-2022	SEX: MALE
P. NAME MUYEED AHMED			AGE: 22 YEARS
REFD BY SELF			
MRI OF BRAIN			

MRI scan of brain was performed using T1, T2 weighted and FLAIR sequences in multiple planes.

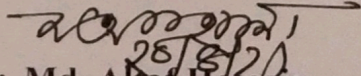
**Clinical profile:** Epilepsy.

Posterior horns of lateral ventricles are mildly dilated. Mid sagittal MR scan shows there is deficient of splenium of corpus callosum. No abnormal focal areas of altered signal intensity seen in the region of brain stem or cerebellum. There is no shift of the midline structures. There is no evidence of intracranial space occupying lesion or obvious vascular anomaly. Pituitary gland is not enlarged.

Visualized orbits, paranasal sinuses and calvarium appear unremarkable. There is no evidence of any abnormal soft tissue intensity mass seen in retrobulbar space on either side. Both optic nerves are well visualized and do not reveal sign of any compression or displacement. Globes on either side reveal normal signal intensity and appear unremarkable.

**Impression:**

- Mildly dilated posterior horns of both lateral ventricles likely-Agenesis of splenium of corpus callosum.

  
25/8/22  
**Dr. Md. Altaf Hossain.**  
MBBS; DMRD; MD.  
Prof (Rtd), Radiology & Imaging.  
RpMCH.



## EEG REPORT

ID No: LDC-34

Date: 06-08-2022

Patient's Name: MUYEED

Age: 21 YRS

Sex: Male

Refd.by RpMCH

### Thank you for your kind referral

#### Introduction:

Technical information- International 10-20 system is used for electrodes placement.

Monopolar, Bipolar, Longitudinal, Transverse, other necessary montages and appropriate high cut and low cut filter are used for reviewing.

**Clinical information's** : Convulsion.

**Anti Epileptics now getting** : No Medication.

**Patient Status during recording** : Awake.

**Total recording time** : 30 minutes.

**DESCRIPTION:** Background shows irregular 7-8c/s, 10-40 $\mu$ V activities over the both hemispheres mixed with faster activities of lower amplitude.

Posterior rhythmic activities are seen **On eye closure** which are blocked on eye opening.

**Sleep record** is not taken.

**Photic stimulation** elicits some following effect over the occipital area.

**Hyperventilation** produces some slower activities which disappears after cessation of hyperventilation.

No spike wave discharge is seen.

#### COMMENTS:

The E.E.G record at awake state shows normal background activities and reactivities.  
No epileptiform discharge is seen.

*U. Azam*

Professor Dr.A.Z.M. Mosiul Azam

MBBS DCH M.Phil

Professor (Ex), Paediatric Neurology

Bangladesh Shishu Hospital & Institute

(Former Dhaka Shishu Hospital)

Performed by: Shohag.

*N.B. - EEG is undoubtedly the most sensitive, indispensable tool for the diagnosis of epilepsy but like other Laboratory tests it must be used in conjunction with clinical data, because many epileptic patient (10-20%) Have a Perfectly normal interracial EEG. Conversely 2-3% healthy persons show EEG abnormalities.*





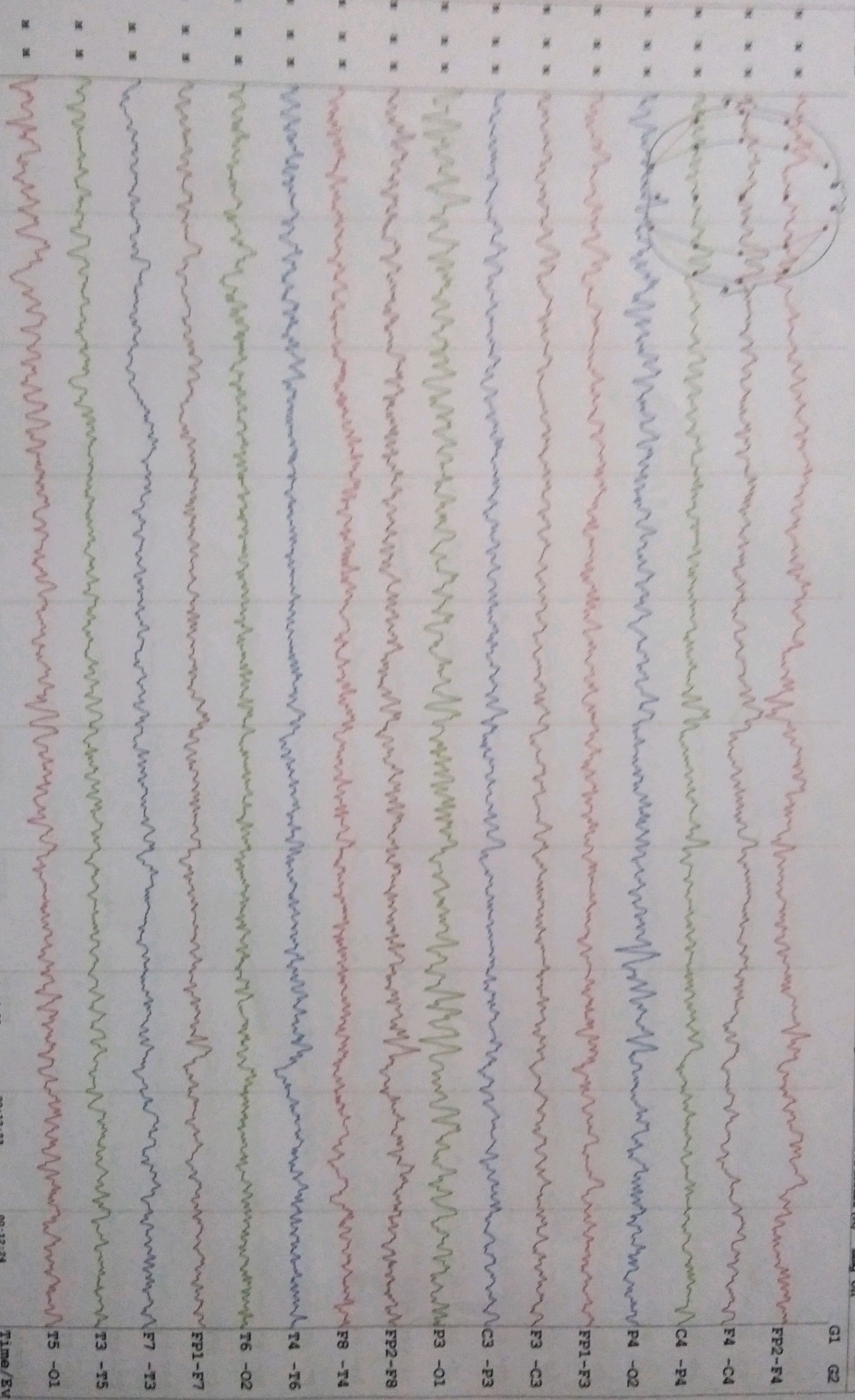
ID: I2000034/MOTREQ/21 YRSX/Male  
Dr.

**LIFE DIAGNOSTIC CENTRE, RANGPUR**  
06-Aug-22 LF: 1.0 Hz - HF: 70 Hz  
00:12:14 SER: 7 SpV/min

Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)

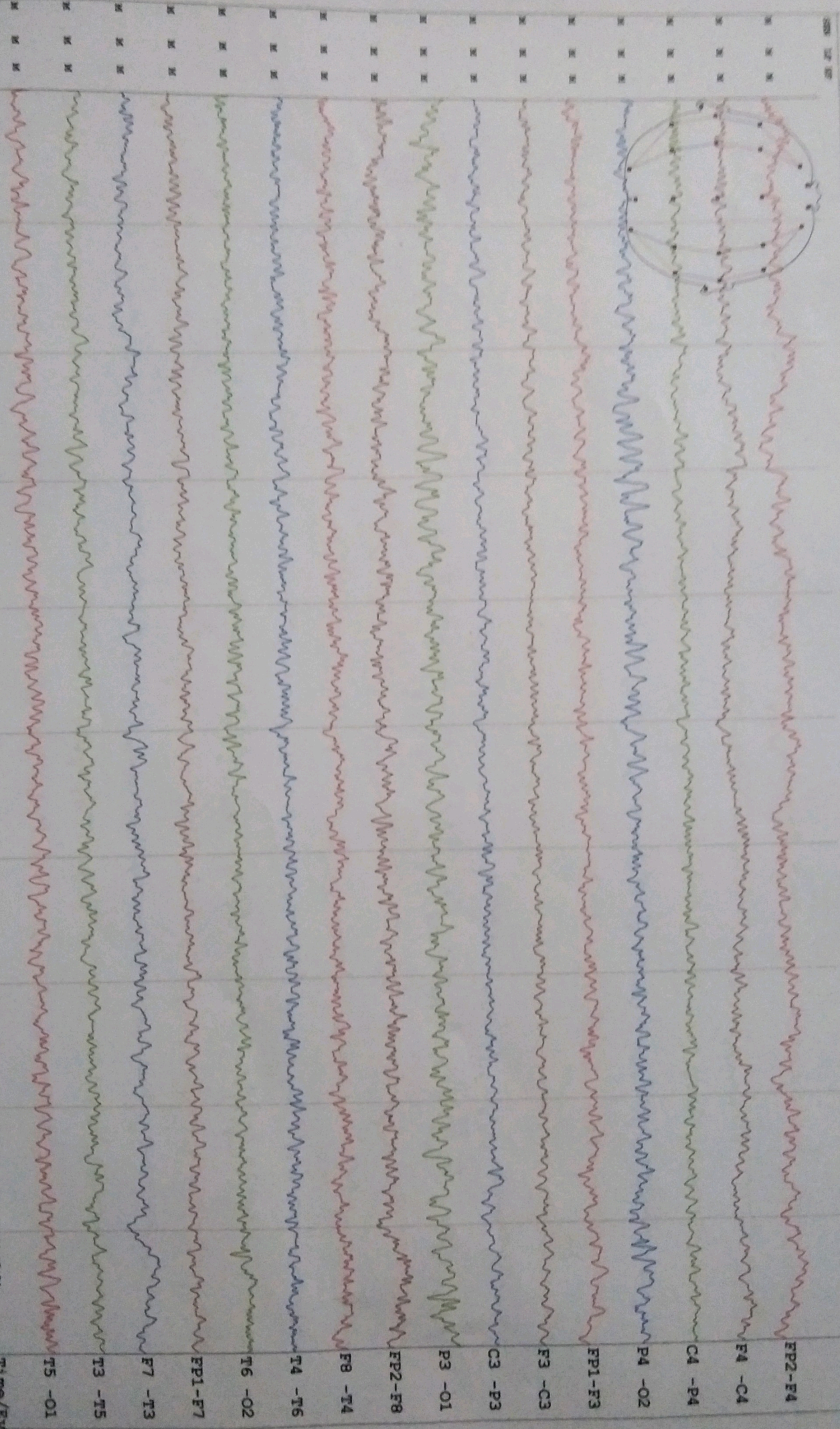
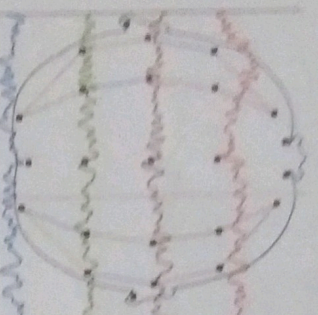
Page: 74/181  
Emg on



ANALYSIS

00:12:15 00:12:17 00:12:18 00:12:19 00:12:20 00:12:21 00:12:22 00:12:23 00:12:24 TIME/AV





00:13:26 00:13:27 00:13:28 00:13:29 00:13:30 00:13:31 00:13:32 00:13:33 00:13:34







ID: IDCC00034/MUYEED/21 YRSY/Male  
Dr.

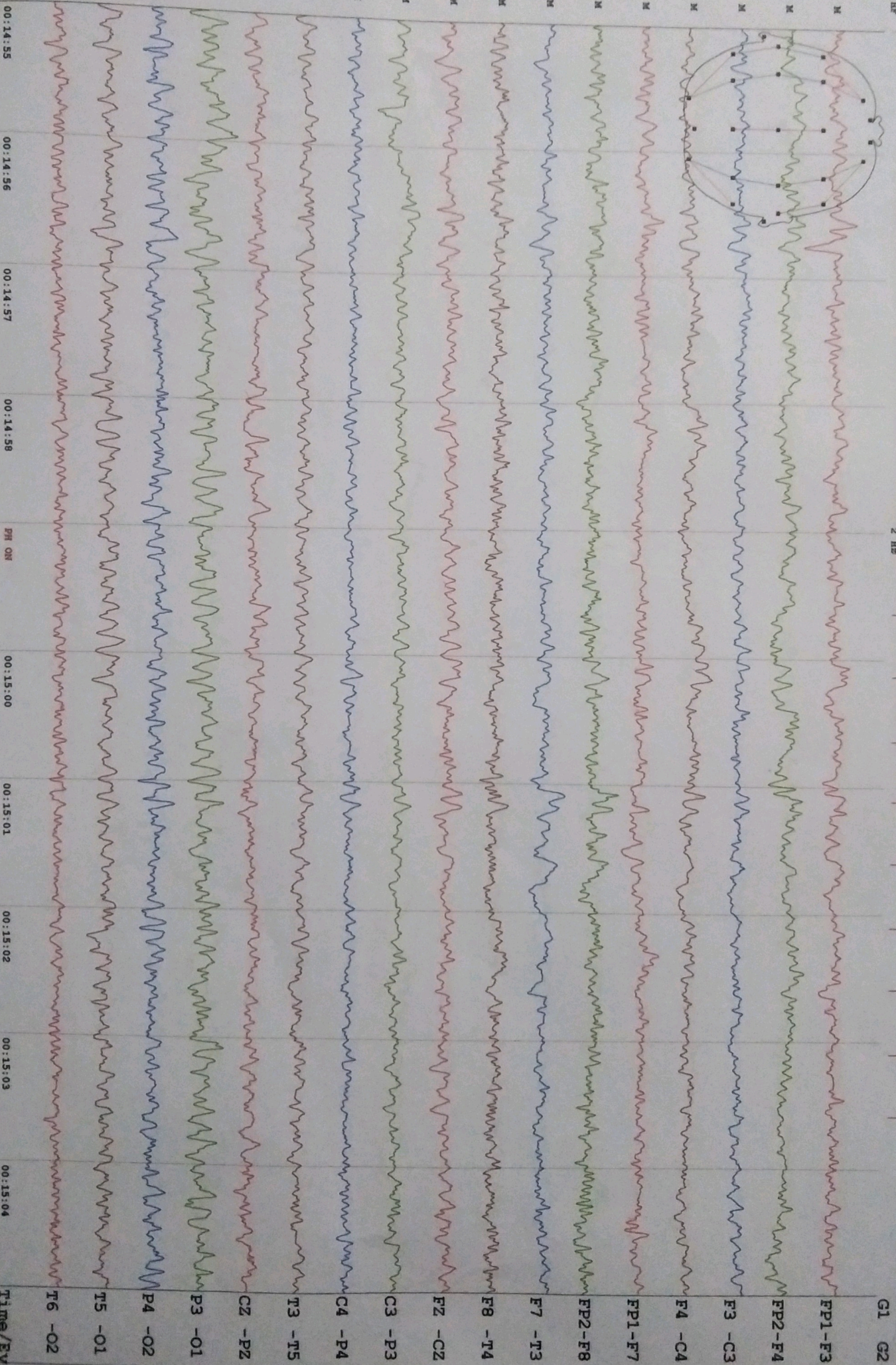
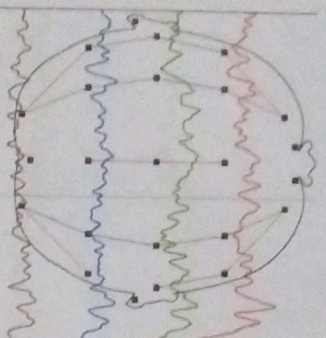
**LIFE DIAGNOSTIC CENTRE, RANGPUR**  
06-Aug-22 LF: 1.0 Hz - HF: 70 Hz  
00:14:54 SEN: 7.5µV/mm

Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz  
Type: ANALYSIS  
Montage: APL

Page: 90/181  
Emg On

SEN 12 HF

2 HF





# LIFE DIAGNOSTIC CENTRE, RANGPUR

ID: JDC00034/MOYED/21 YRSX/Male

06-Aug-22 00:17:16

LF: 1.0 Hz - HF: 70 Hz  
 SN: 7.5µV/mm

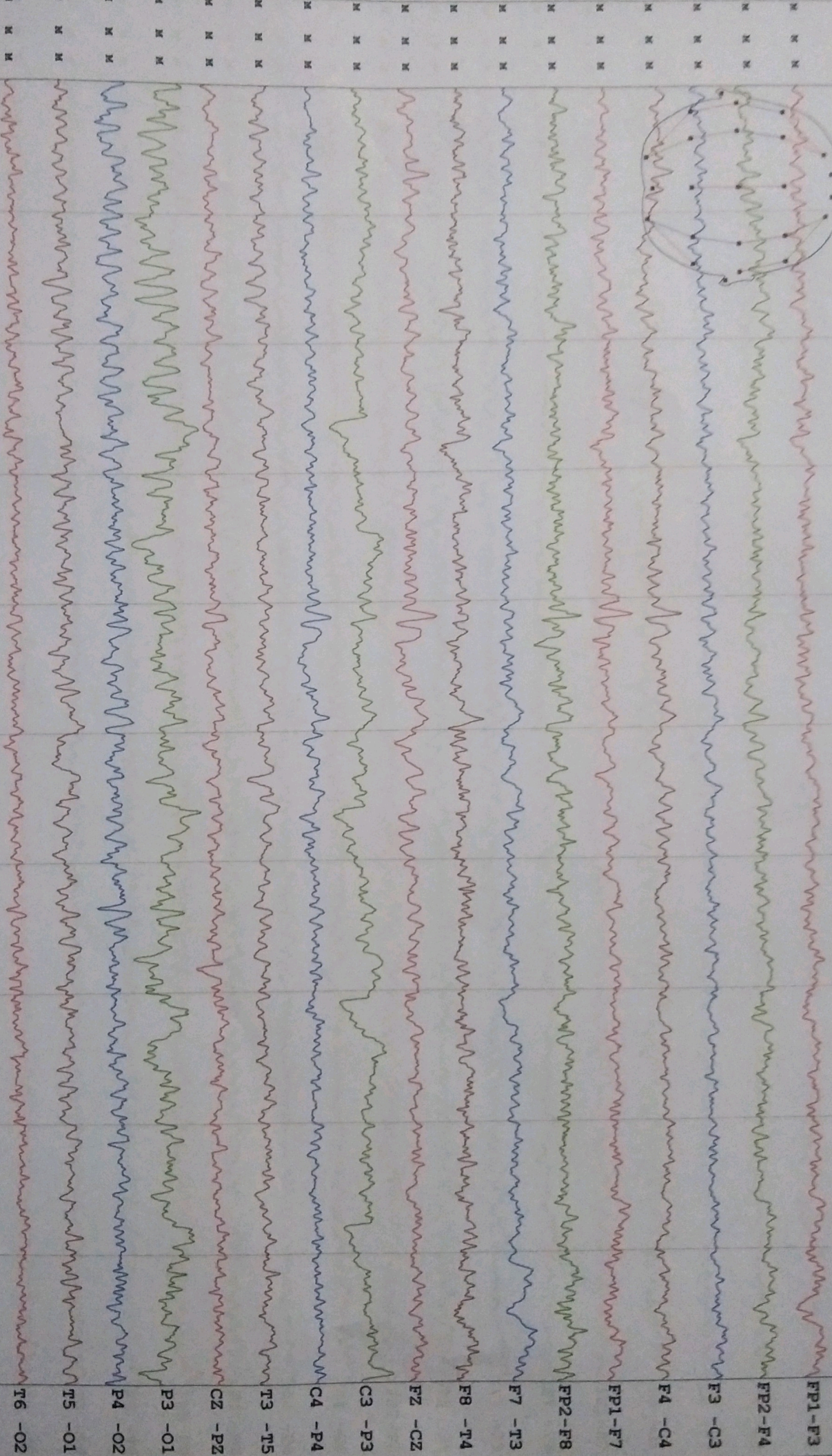
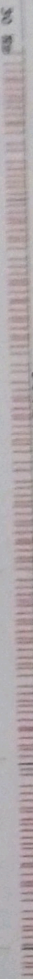
Speed: 30 mm/s (N.T. Scale)  
 Notch: 50 Hz

Type: ANALYSIS  
 Montage: APL

Page: 104/181  
 Eng On



DR: \_\_\_\_\_

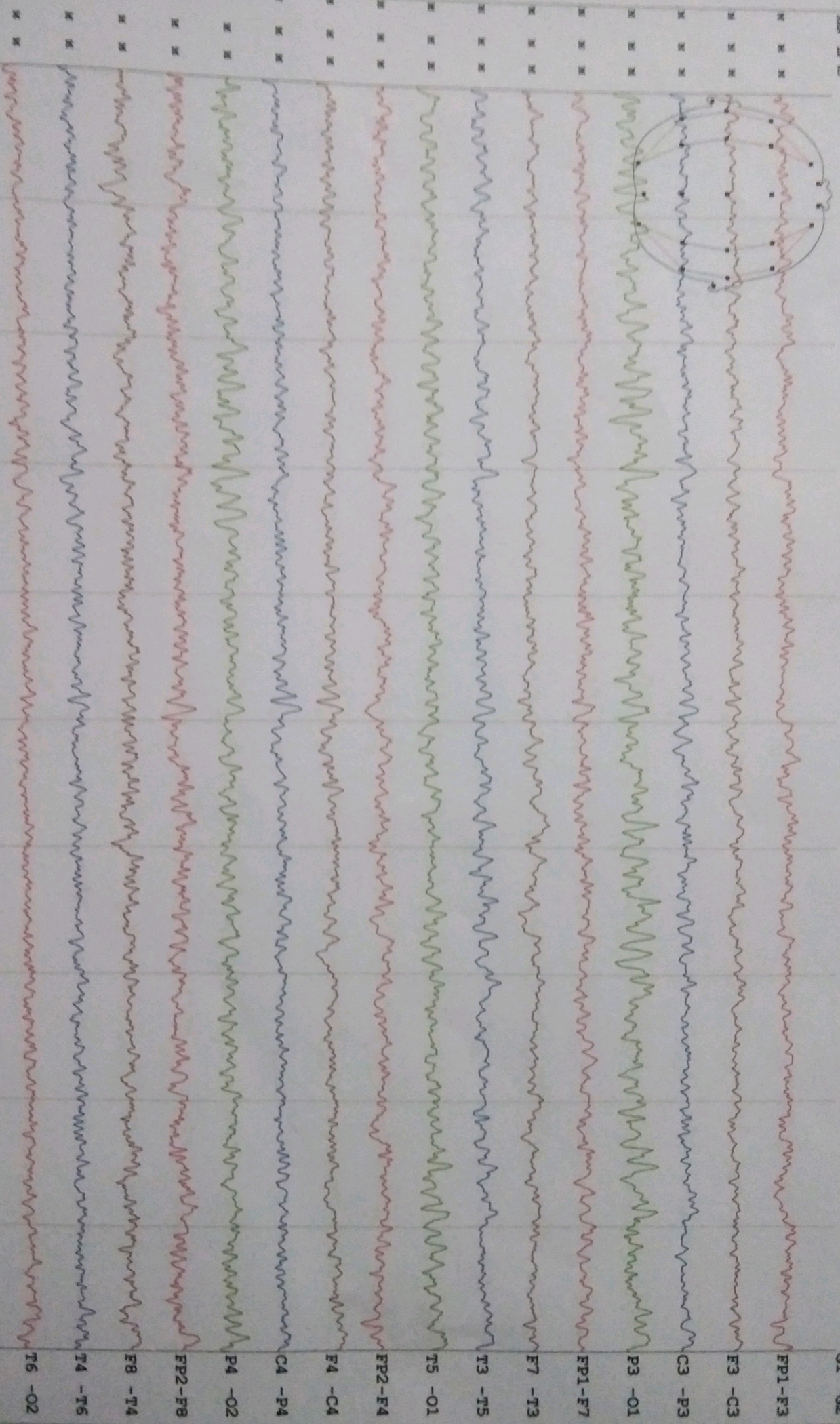


00:17:17 00:17:18 00:17:19 00:17:20 00:17:21 00:17:22 00:17:24 00:17:25 00:17:26

G1 G2 F1-F3 FP2-F4 F3-C3 F4-C4 F1-F7 FP2-F8 F7-T3 F8-T4 FZ-CZ C3-P3 C4-P4 T3-T5 CZ-PZ P3-O1 P4-O2 T6-O2 Time/Ev



SEN LP REF



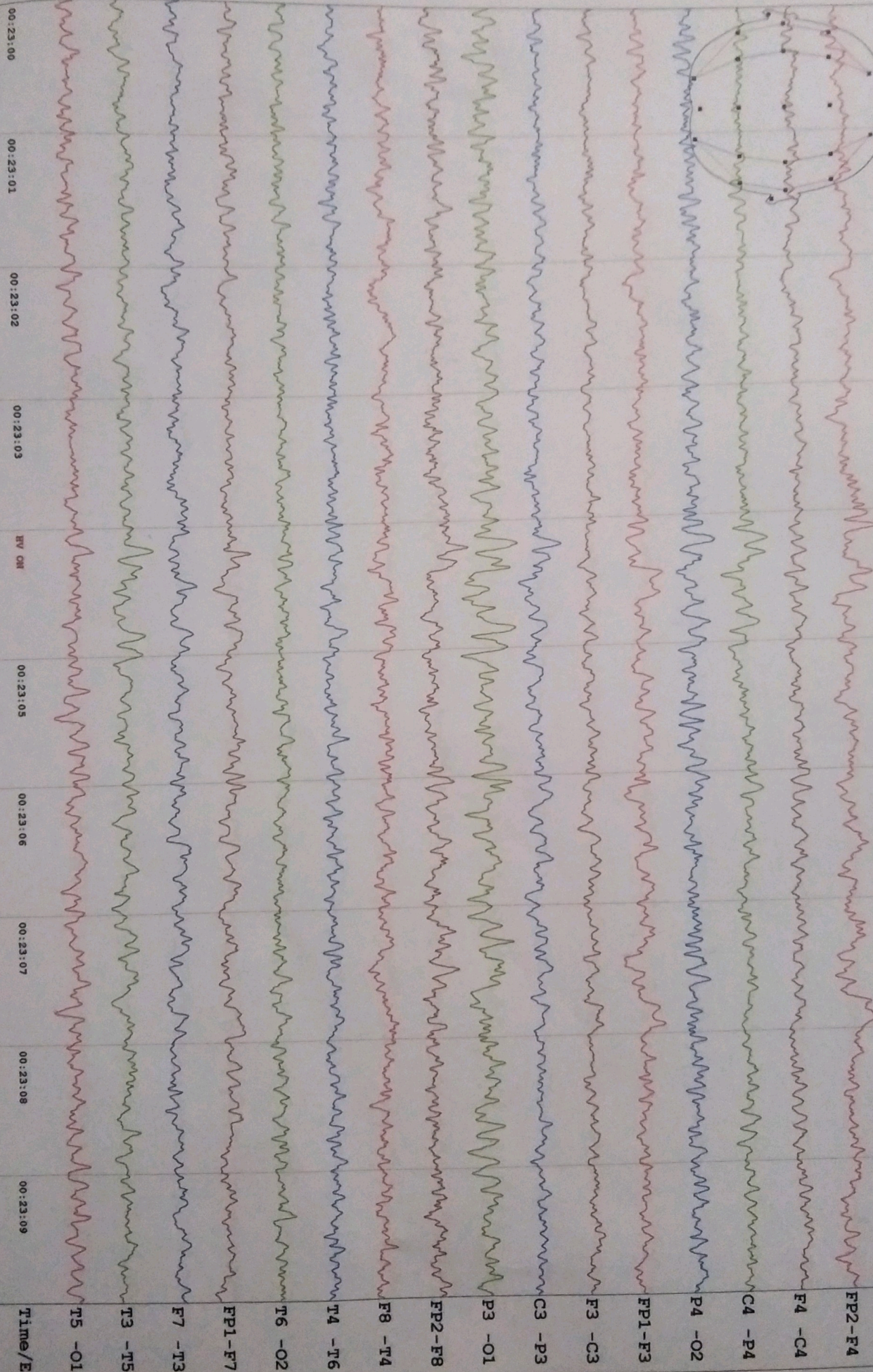
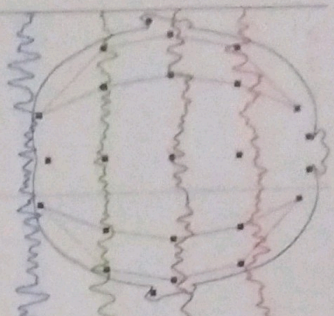


ID: LDC00034/MOTREED/21 YNSY/Male  
Dr.

# LIFE DIAGNOSTIC CENTRE, RANGPUR

06-Aug-22  
LF: 1.0 Hz - HF: 70 Hz  
Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz  
Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)  
Page: 138/181

SEN LF WF



G1 G2





ID: ID000034/MOYED/21 YRSY/MALE  
DI.

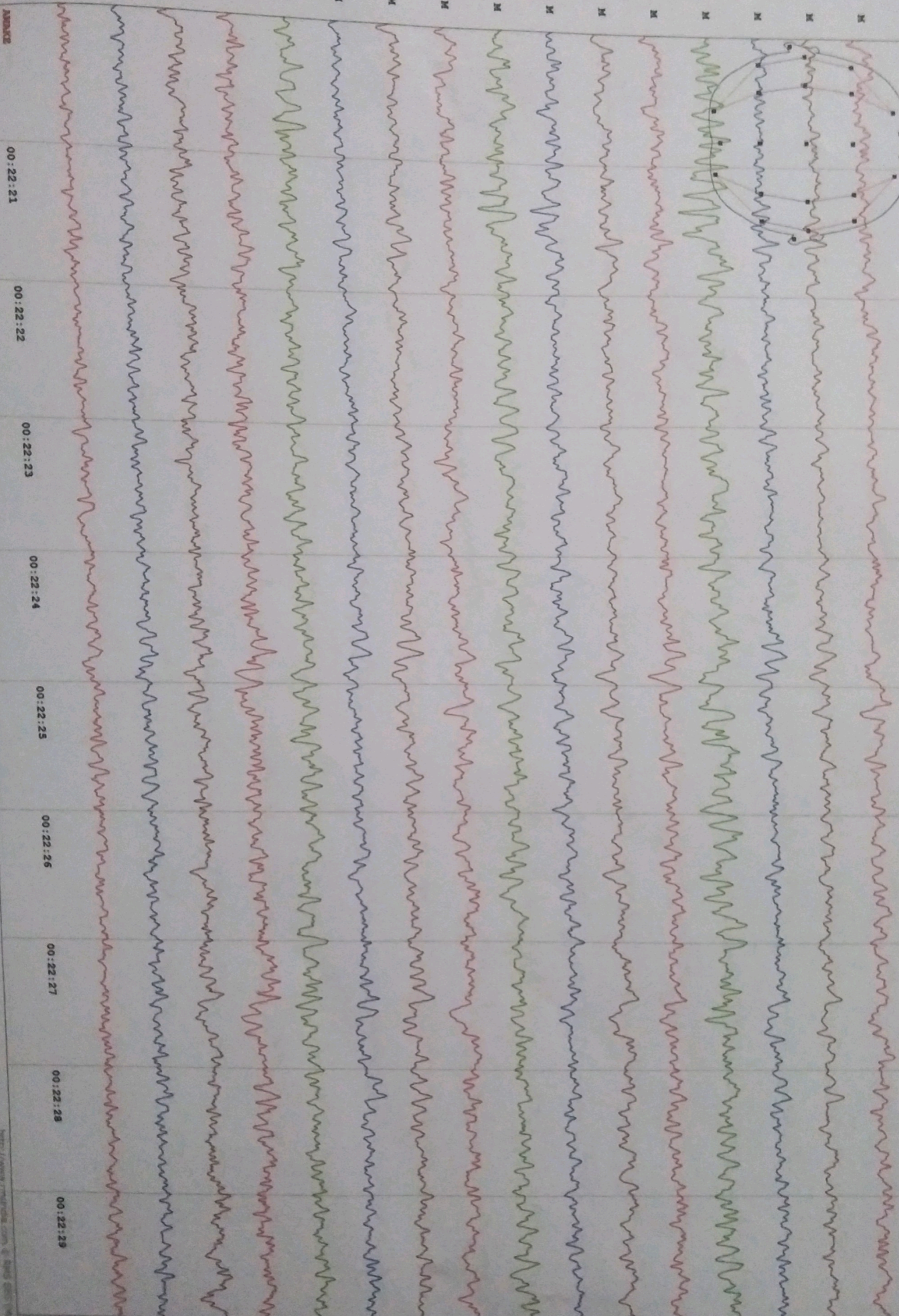
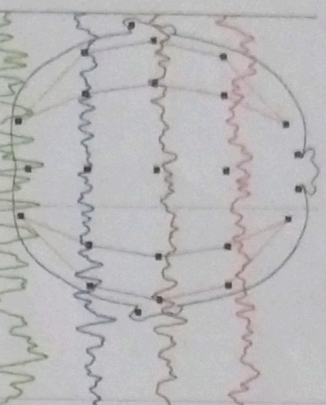
**LIFE DIAGNOSTIC CENTRE, RANGPUR**  
06-Aug-22  
LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5µV/mm

Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BP LONGITUDINAL (L)

Page: 134/181  
Emg On

SEN 12 HF



00:22:21 00:22:22 00:22:23 00:22:24 00:22:25 00:22:26 00:22:27 00:22:28 00:22:29

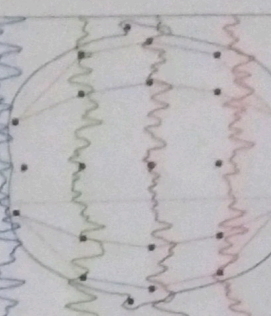
Time/Event





SEN LF BP

RV 02:00



G1 G2

FP2-F4

F4 -C4

C4 -P4

P4 -O2

FP1-F3

F3 -C3

C3 -P3

P3 -O1

FP2-F8

F8 -T4

T4 -T6

T6 -O2

FP1-F7

F7 -T3

T3 -T5

T5 -O1

Time/Ev

00:25:14

00:25:15

00:25:16

00:25:17

RV OFF

00:25:19

00:25:20

00:25:21

00:25:22

00:25:23



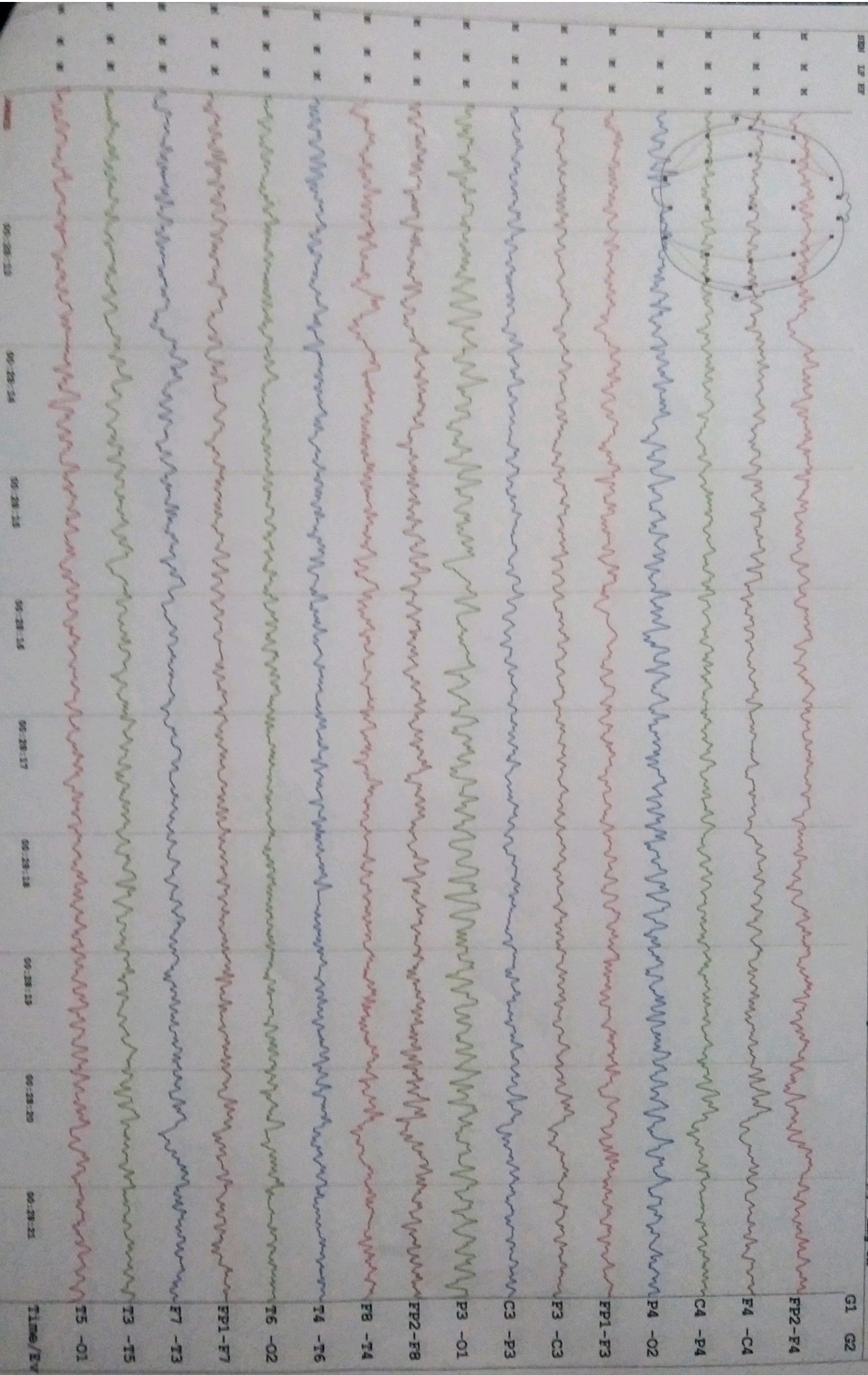
ID: LDC00034/MUJEED/21 YMSY/MALE  
Dr.

**LIFE DIAGNOSTIC CENTRE, RANGPUR**  
06-Aug-22 LF: 1.0 Hz - HF: 70 Hz  
00:28:11 SEN: 7.5µV/mm

Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)

Page: 170/191  
Emg On



G1 G2

F1-F4

F4 -C4

C4 -P4

P4 -O2

F1-F3

F3 -C3

C3 -P3

P3 -O1

F2-F8

F8 -T4

T4 -T6

T6 -O2

F1-F7

F7 -T3

T3 -T5

T5 -O1

Time/Ex



ID: IDC00034/NGYEED/21 YRSX/Male  
Dr.

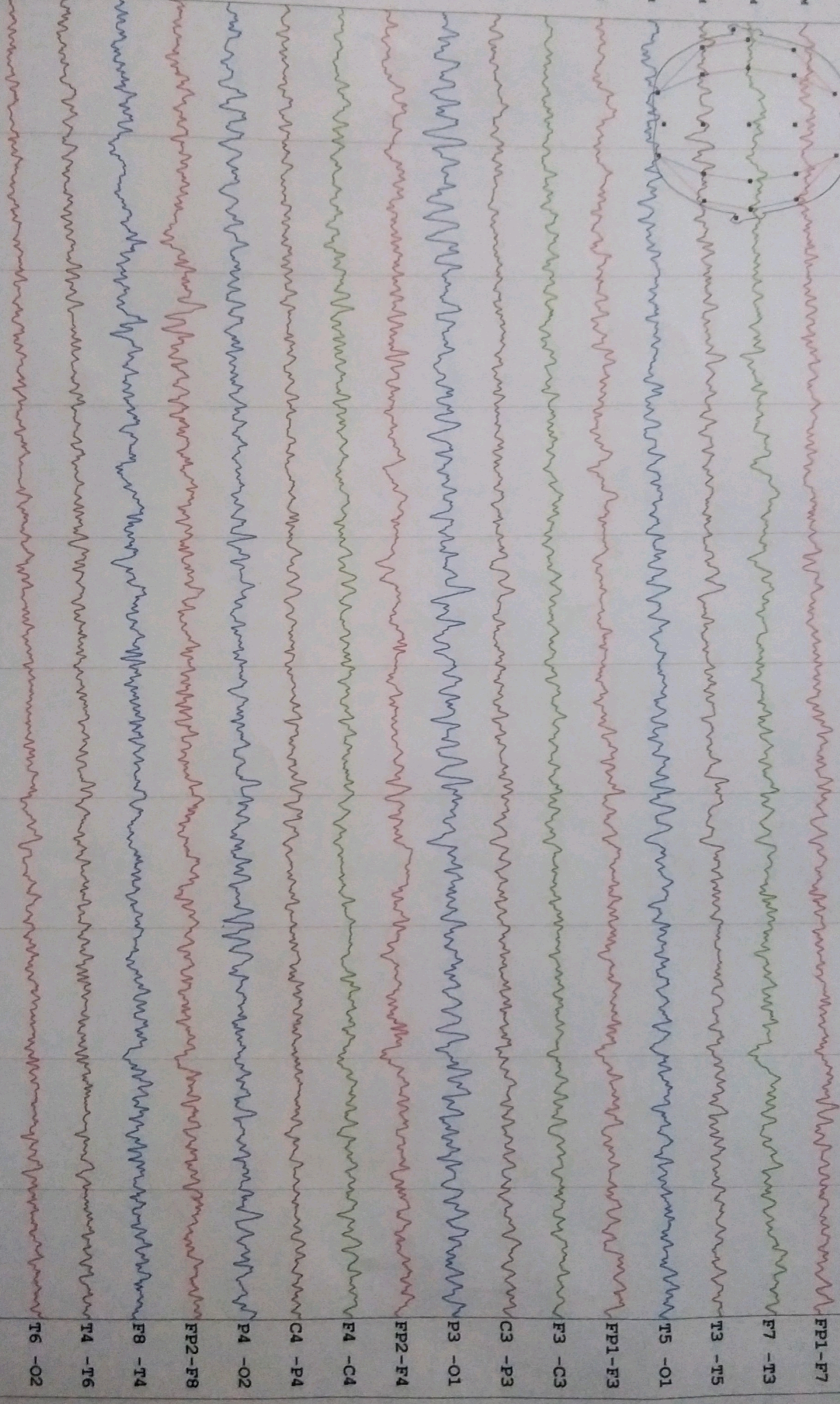
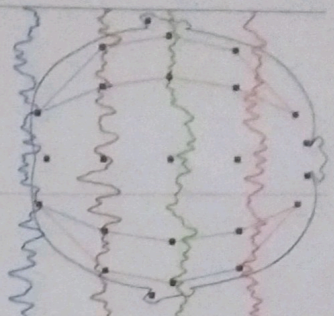
# LIFE DIAGNOSTIC CENTRE, RANGPUR

06-Aug-22  
LP: 1.0 Hz - HF: 70 Hz  
Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BANANA

Page: 174/181  
Emg On

SEN LP REF



REDS CLOSED

00:28:53

00:28:54

00:28:55

00:28:56

00:28:57

00:28:58

00:28:59

00:29:00

00:29:01

Time/Ev



ID: IDC00034/MUYED/21 YRSY/MALE  
DI

**LIFE DIAGNOSTIC CENTRE, RANGPUR**  
06-Aug-22  
00:29:31

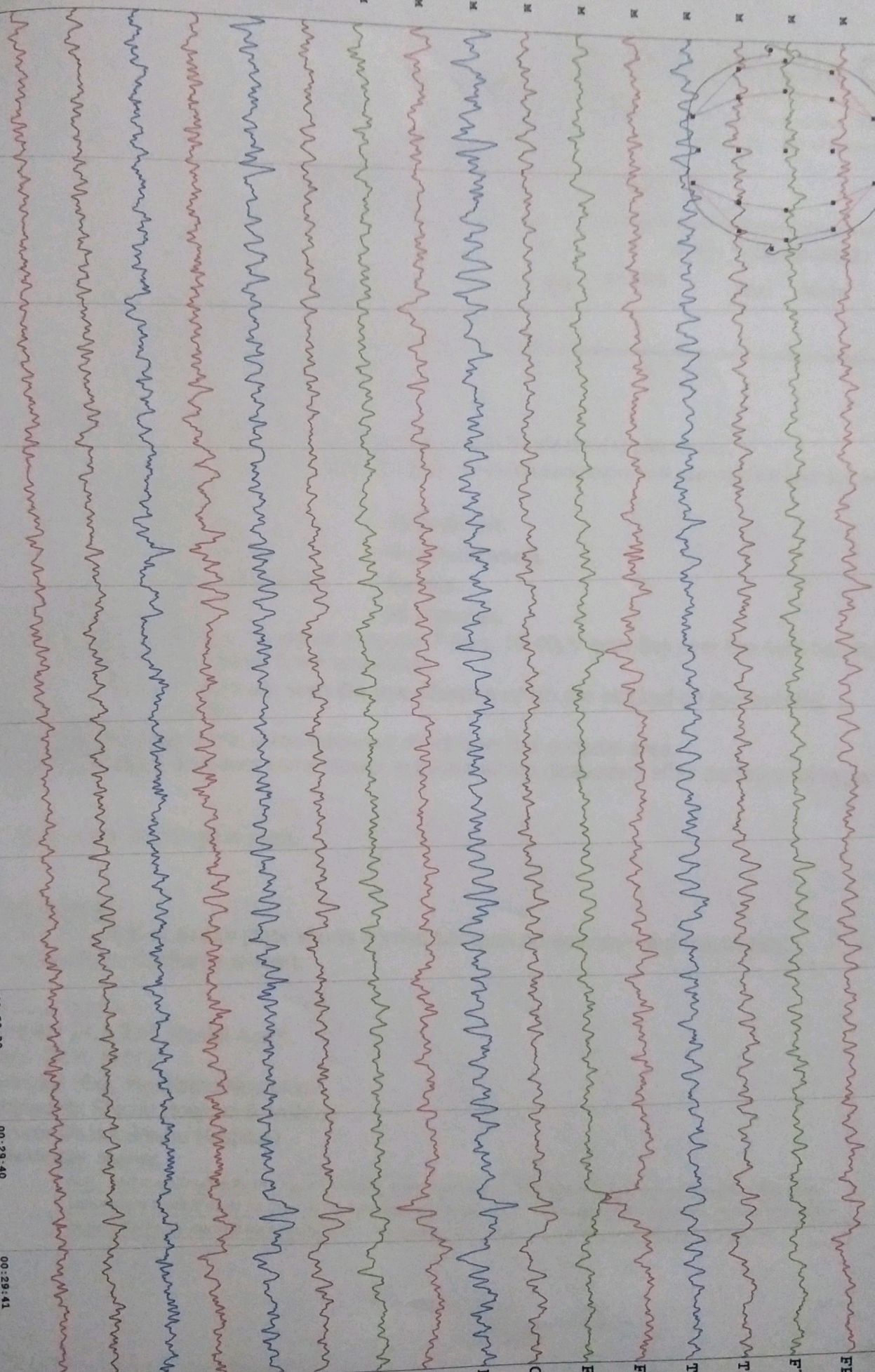
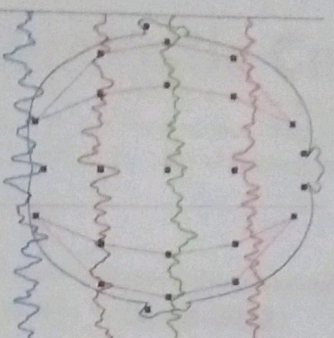
LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5µV/mm

Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BANANA

Page: 178/181  
Emg On

SEN 1P BP



STRESS OFFER

00:29:33

00:29:34

00:29:35

00:29:36

00:29:37

00:29:38

00:29:39

00:29:40

00:29:41

Time/EV