



Accredited  
by NABH\*



NABL Accredited  
Laboratory\*

MR No : 40078055

Name of the patient: Soham Chakraborty

Age : 20 yrs. Sex : Male

Advised By : Dr. D. Bhattacharya

Date of Recording : 30.10.23

#### NOTES

H/O -LOC, weakness.

Episode - Severe times.

Last attacked was on -.

Status of the patient during recording: Co-operative.

Photic stimulation & Hyperventilation done.

Recording was done 10-20 system of electrodes placements

#### DESCRIPTION

- State : Awake .
- State changes : Nil .

#### BACKGROUND RHYTHMS :

- Posterior dominant : 09 – 10 Hz (alpha).
- Frontal Rhythms : 18 – 20 Hz (beta)
- Temporal theta : Nil.

#### ABNORMALITIES

- Asymmetry : Nil .
- Slowing : Present (occasional Theta).
- Sharp activity : Nil
- Spike : No spike seen.

#### ACTIVATION

- PH & HV : No added any information.

#### ARTIFACTS

- : Eye movement artefacts.

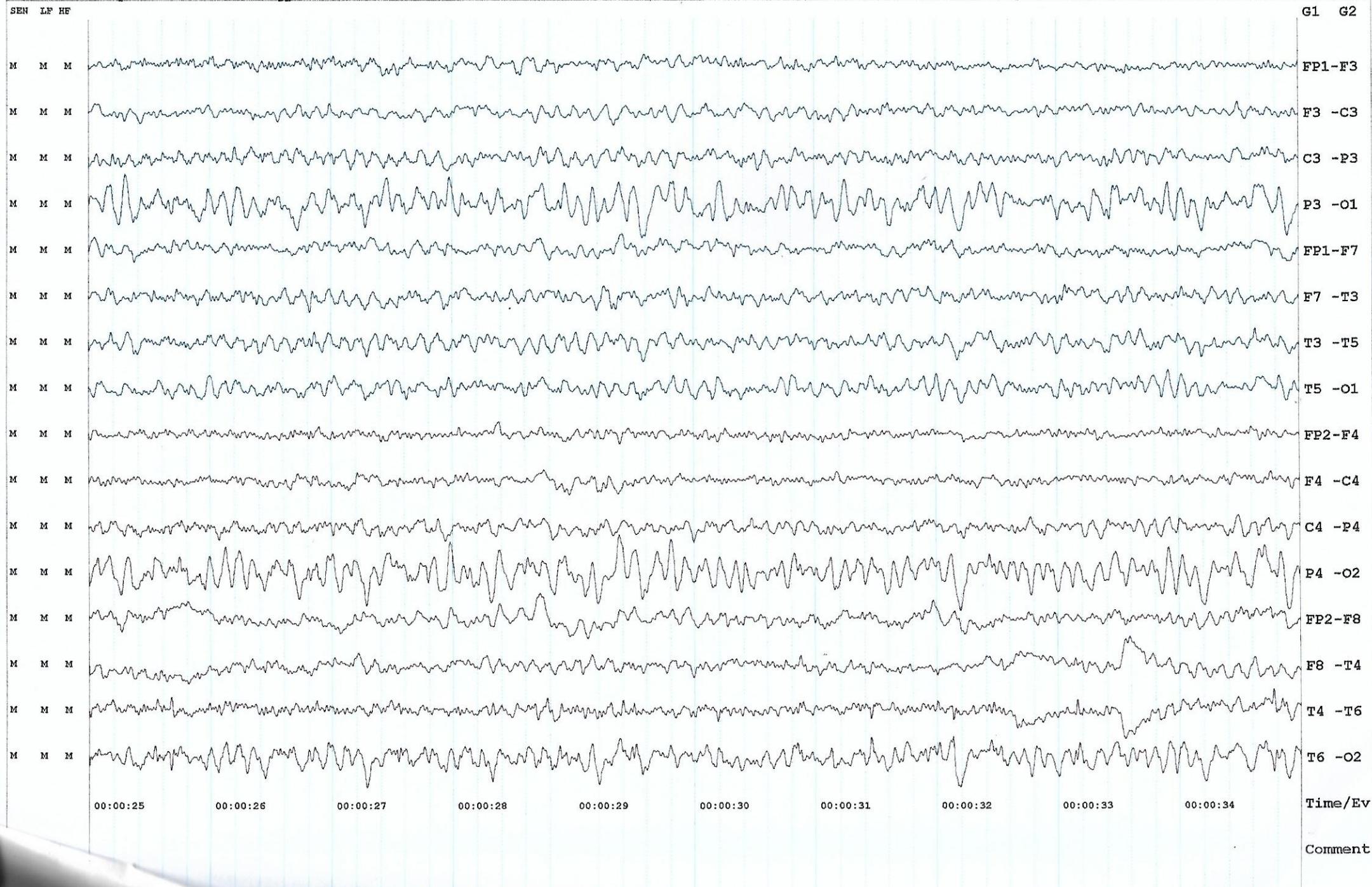
#### CONCLUSION : Non-Specific changes.

Kindly note: A such EEG does not R/O seizure disorder

Clinical Correlation Please

  
**Dr. Debasattwa Bhattacharya**  
 MD (Medicine), DM (Neurology).

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:00:24LF:1.0 Hz - HF:70 Hz  
SEN: 7.5 $\mu$ V/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL(L)Page:3/124  
Emg On



## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:00:24LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: MONOPOLAR2 (R)Page: 3/124  
Emg On

SEN LF HF

G1 G2

FP2-A2

F4 -A2

C4 -A2

P4 -A2

FP1-A1

F3 -A1

C3 -A1

P3 -A1

F8 -A2

T4 -A2

T6 -A2

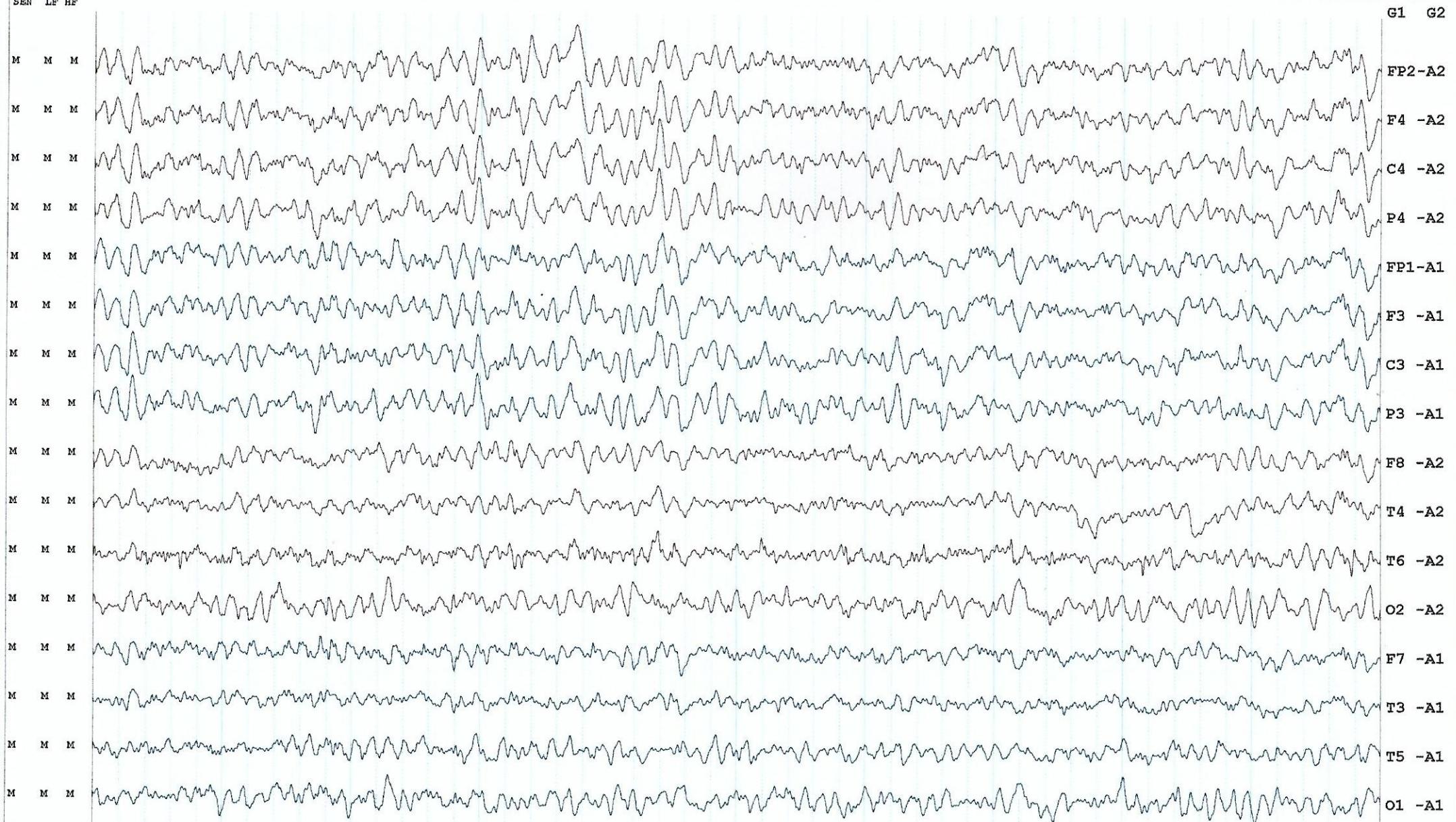
O2 -A2

F7 -A1

T3 -A1

T5 -A1

O1 -A1



00:00:25

00:00:26

00:00:27

00:00:28

00:00:29

00:00:30

00:00:31

00:00:32

00:00:33

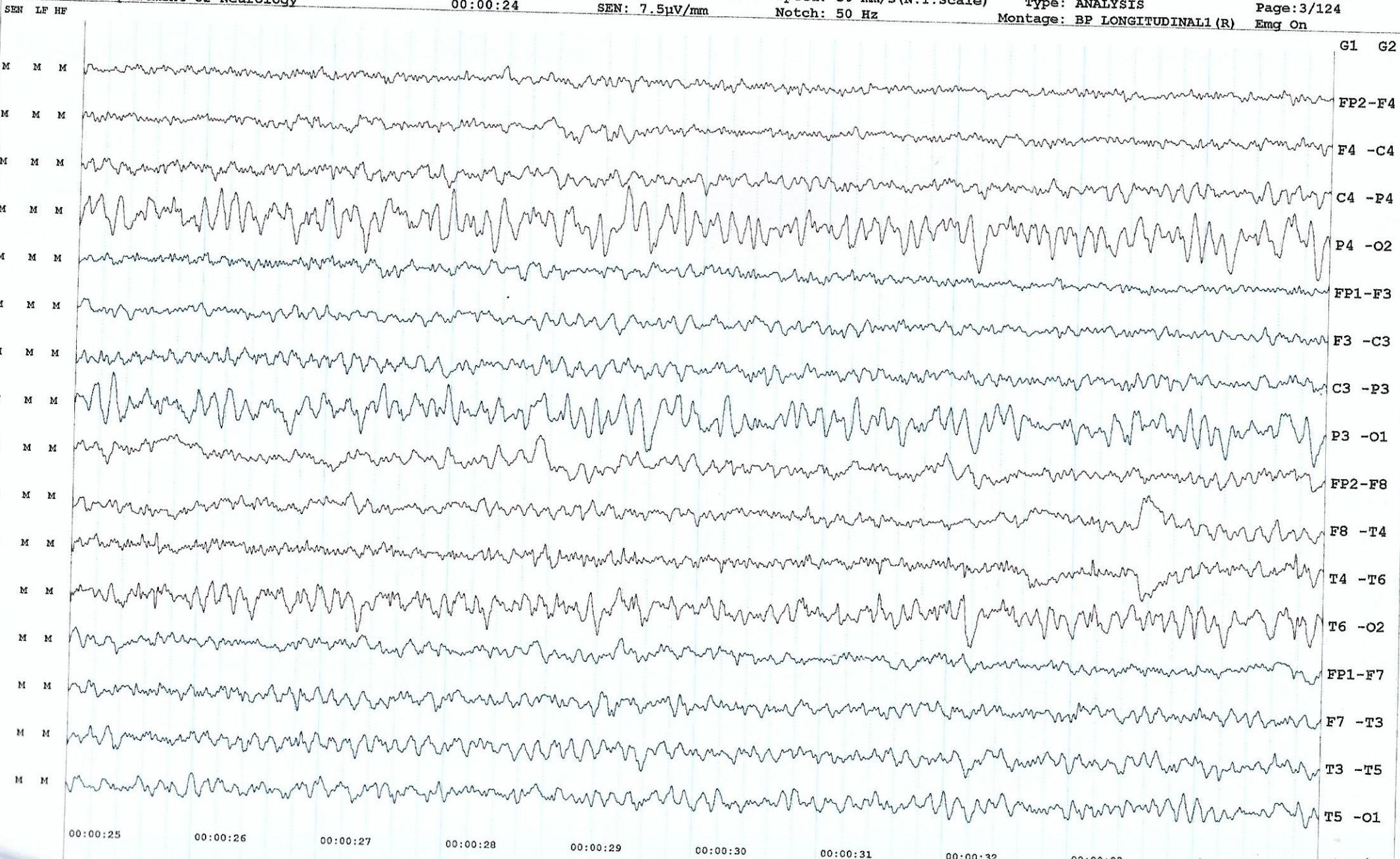
00:00:34

Time/Ev

Comment



## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

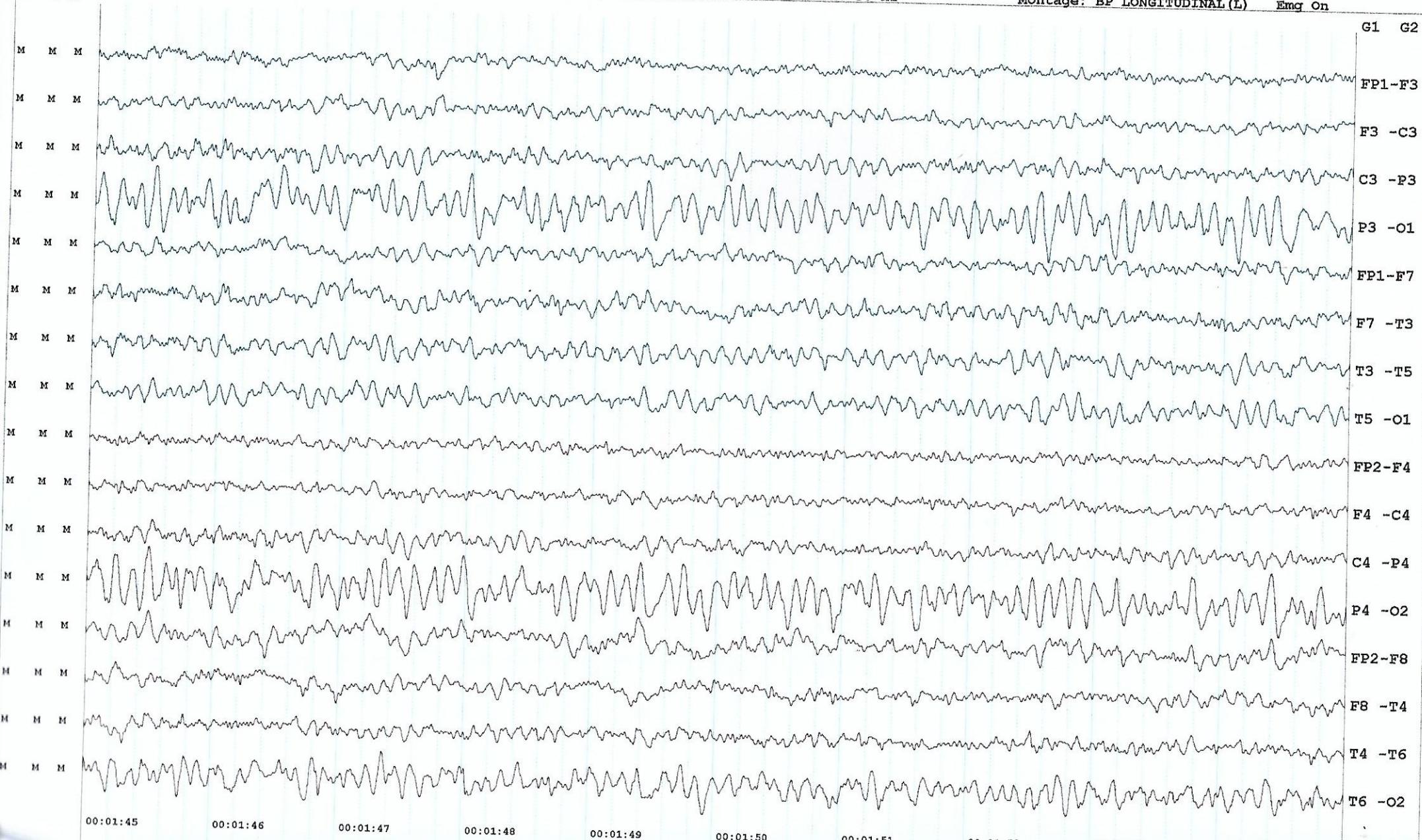
ID:40078055/Scham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:00:24LF:1.0 Hz - HF:70 Hz  
SEN: 7.5 $\mu$ V/mmSpeed: 30 mm/s (N.T. Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL (R)Page: 3/124  
Emg On

Comment

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:01:44LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mmSpeed: 30 mm/s (N.T. Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL (L)Page: 11/124  
Emg On

SEN LF HF



00:01:45

00:01:46

00:01:47

00:01:48

00:01:49

00:01:50

00:01:51

00:01:52

00:01:53

00:01:54

Time/Ev

Comment



ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-2  
00:01:44

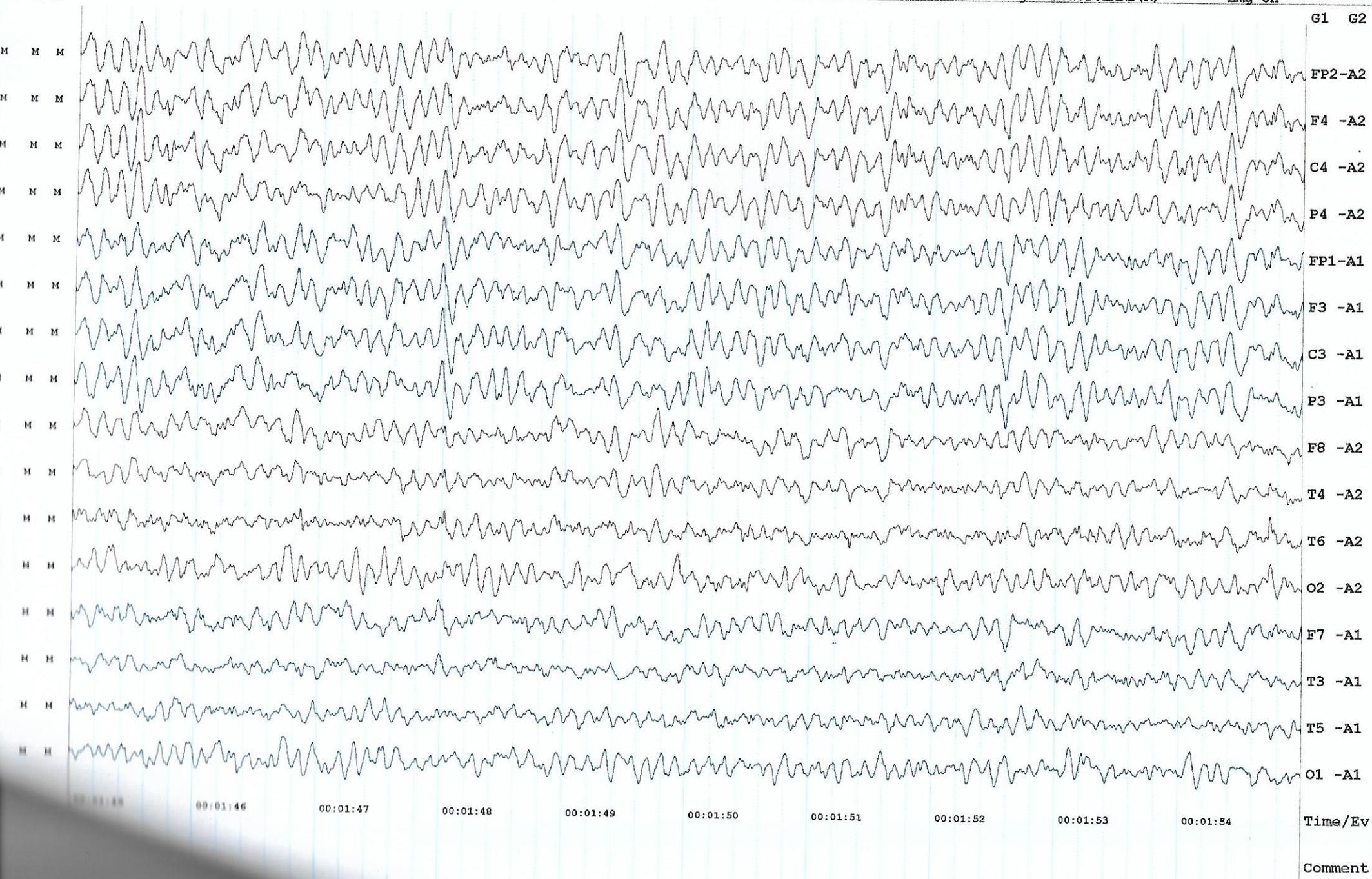
LF:1.0 Hz - HF:70  
SEN: 7.5uV/mm

Speed: 30 mm/s  
Natalia: 50 %

(T.T.Scale) Type: ANALYSIS

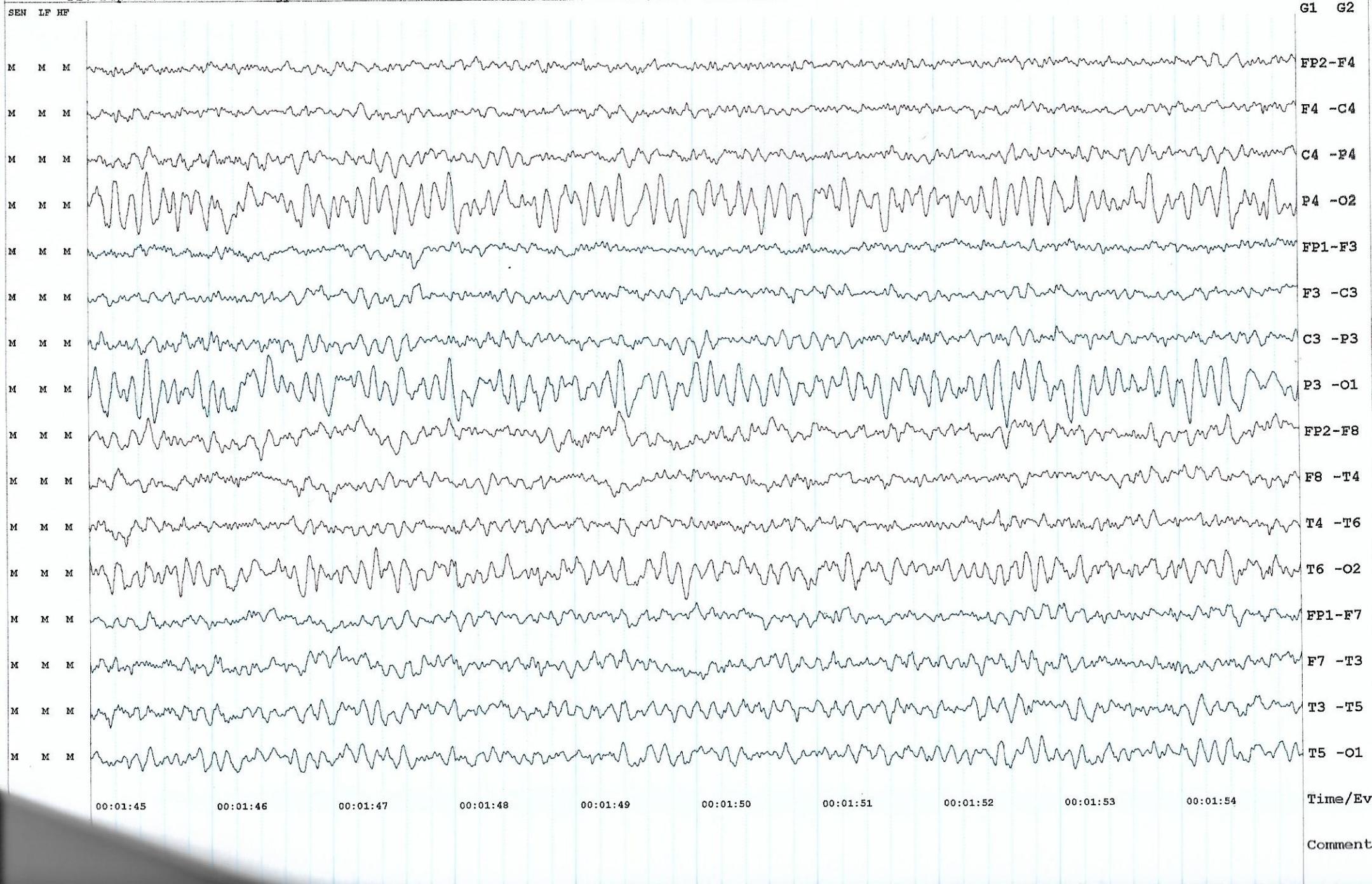
Page:11/124

SEN LF HF





## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23 LF: 1.0 Hz - HF: 70 Hz Speed: 30 mm/s (N.T. Scale) Type: ANALYSIS  
00:01:44 SEN: 7.5  $\mu$ V/mm Notch: 50 Hz Montage: BP LONGITUDINAL1 (R) Emg On  
Page: 11/124



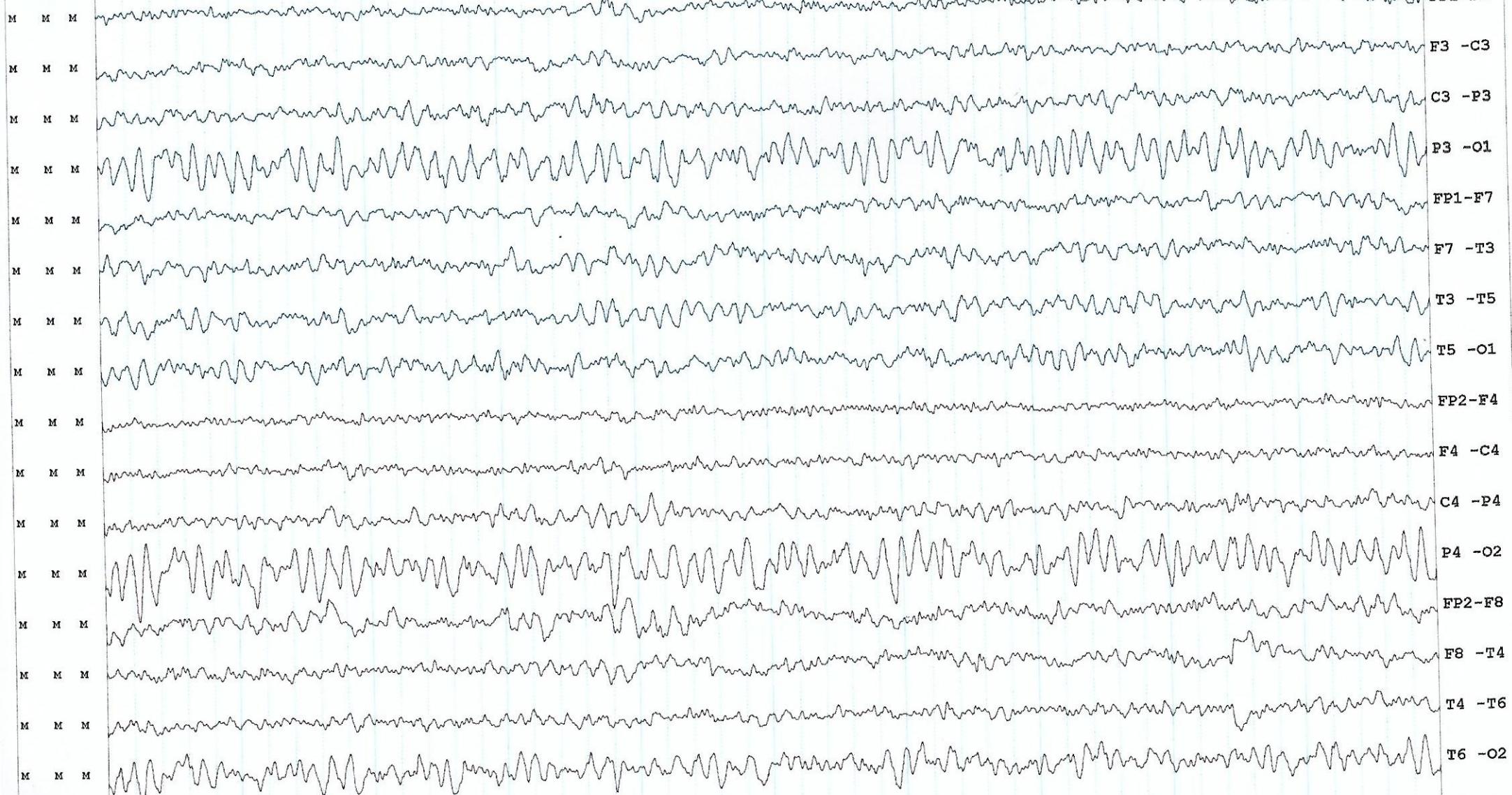
## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:03:34LF:1.0 Hz - HF:70 Hz  
SEN: 7.5µV/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL (L)Page:22/124  
Emg On

G1 G2

SEN LF HF

HV 01:14



00:03:35

00:03:36

00:03:37

00:03:38

00:03:39

00:03:40

00:03:41

00:03:42

00:03:43

00:03:44

Time/Ev

Comment



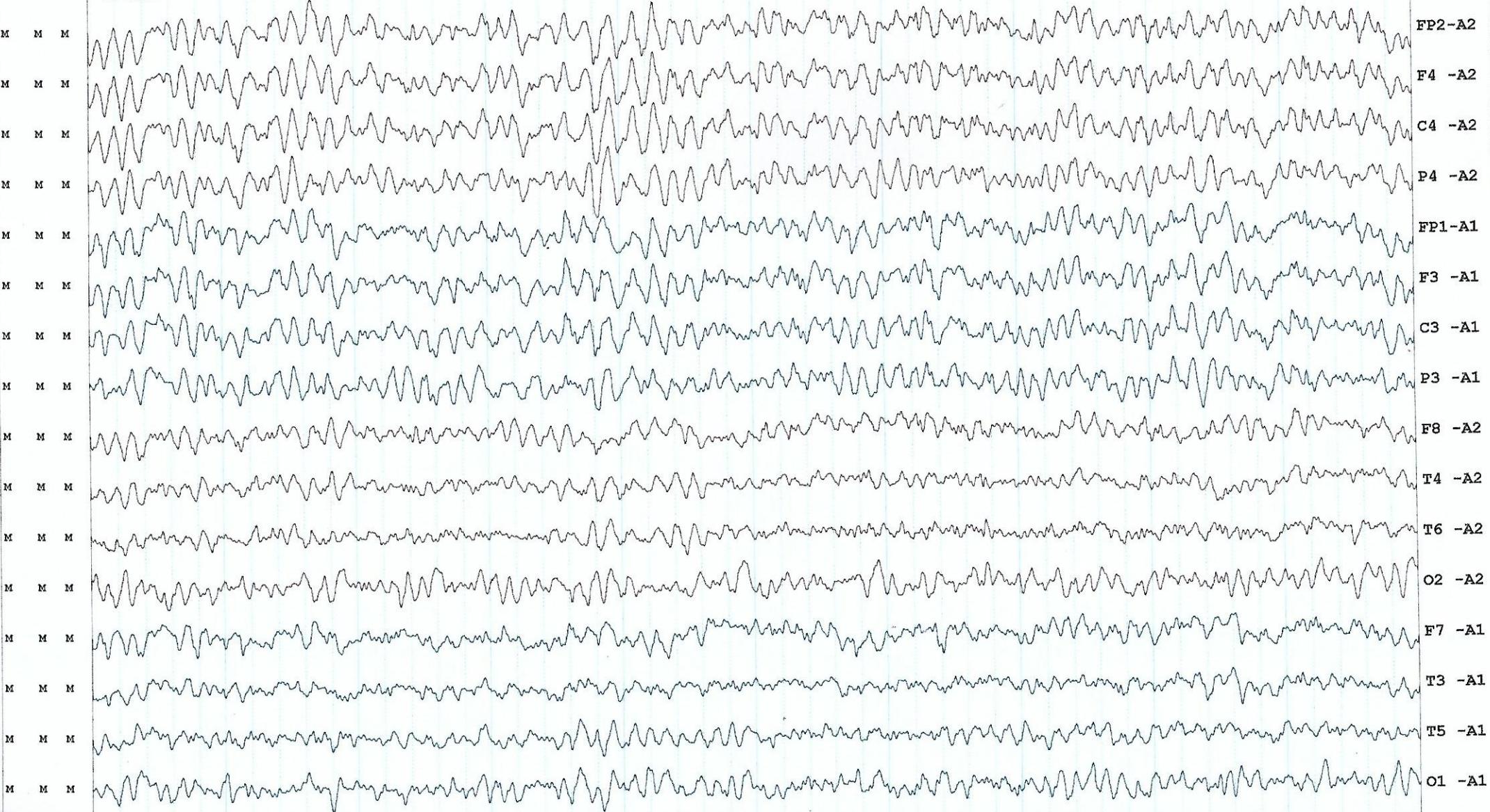
## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:03:34LF:1.0 Hz - HF:70 Hz  
SEN: 7.5µV/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: MONOPOLAR2 (R)Page:22/124  
Emg On

G1 G2

SEN LF HF

HV 01:14



00:03:35

00:03:36

00:03:37

00:03:38

00:03:39

00:03:40

00:03:41

00:03:42

00:03:43

00:03:44

Time/Ev

Comment



**ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)**

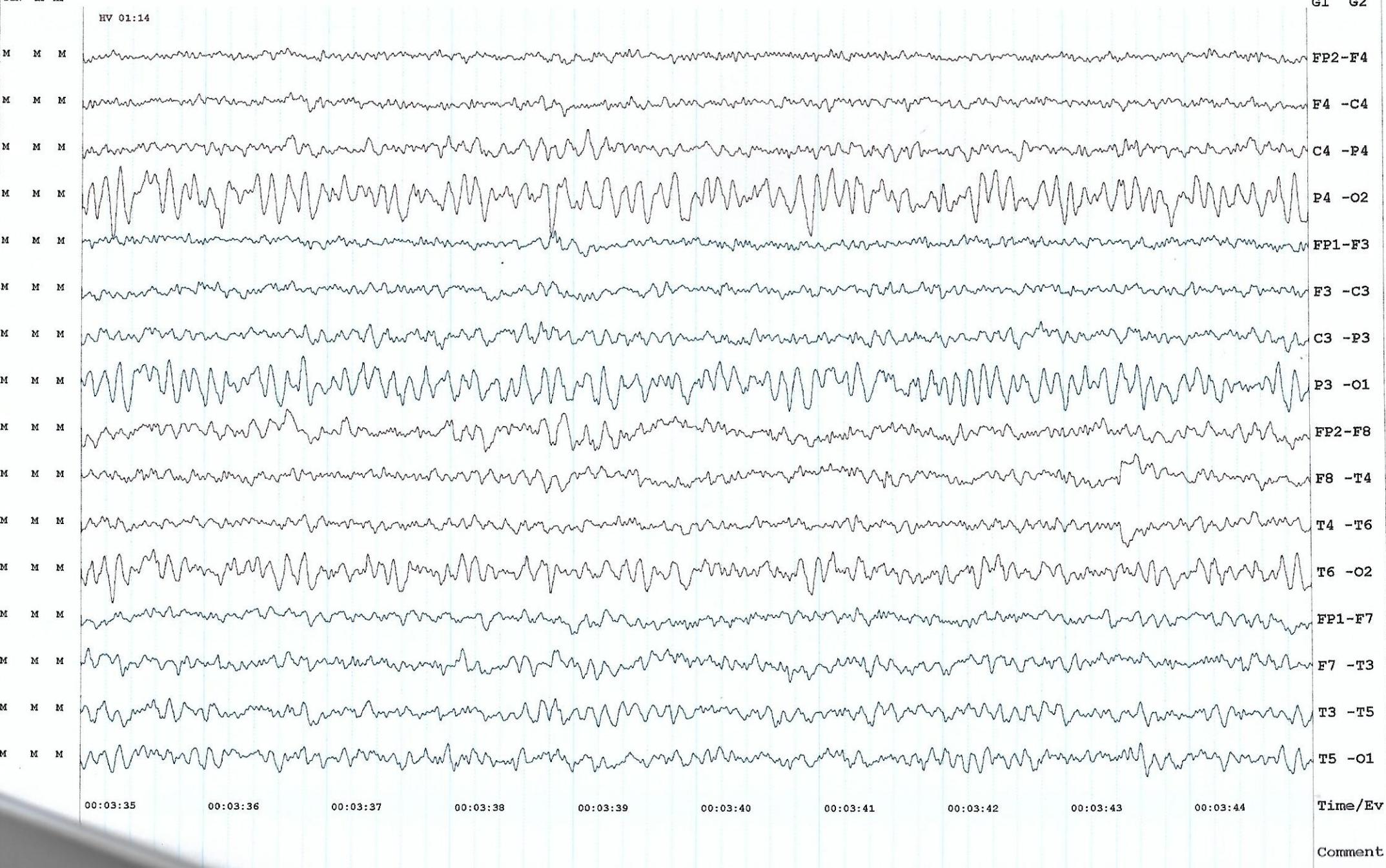
ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23 LF:1.0 Hz - HF:70 Hz Speed: 30 mm/s(N.T.Scale) Type: ANALYSIS Page:22/124  
00:03:34 SEN: 7.5µV/mm Notch: 50 Hz Montage: BP LONGITUDINAL1(R) Emc On

) Type: ANALYSIS  
Montage: BP LONGITUDINAL1 (R)

Page:22/124  
Eng On

SEN LF HF



## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male

30-Oct-23

LF:1.0 Hz - HF:70 Hz

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

Type: ANALYSIS

Page: 36/124

Dr. Department of Neurology

00:05:54

SEN: 7.5 $\mu$ V/mm

Notch: 50 Hz

Montage: BP LONGITUDINAL (L)

Eng On

SEN LF HF

G1 G2

FP1-F3

F3 -C3

C3 -P3

P3 -O1

FP1-F7

F7 -T3

T3 -T5

T5 -O1

FP2-F4

F4 -C4

C4 -P4

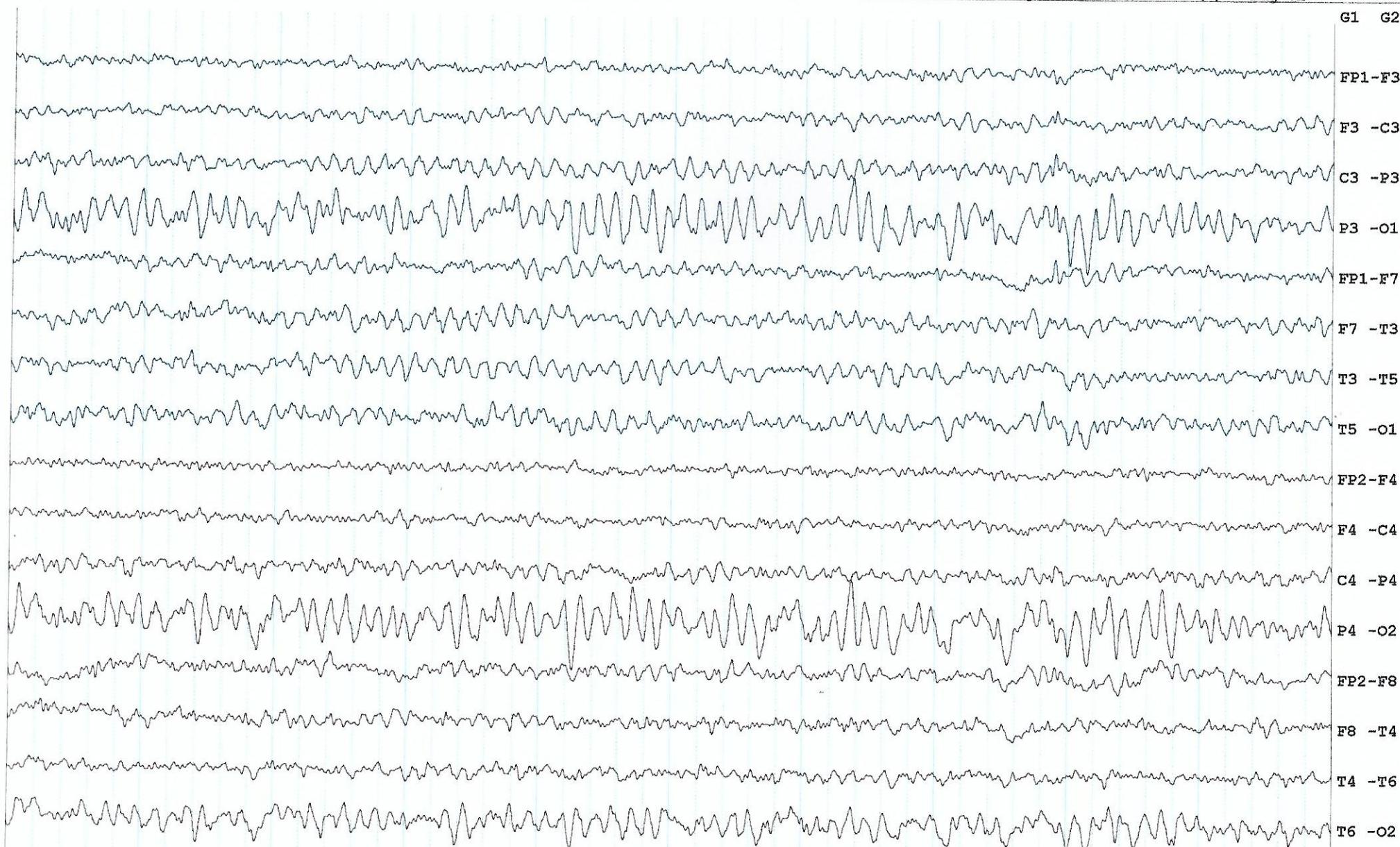
P4 -O2

FP2-F8

F8 -T4

T4 -T6

T6 -O2



00:05:55

00:05:56

00:05:57

00:05:58

00:05:59

00:06:00

00:06:01

00:06:02

00:06:03

00:06:04

Time/Ev

Comment

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

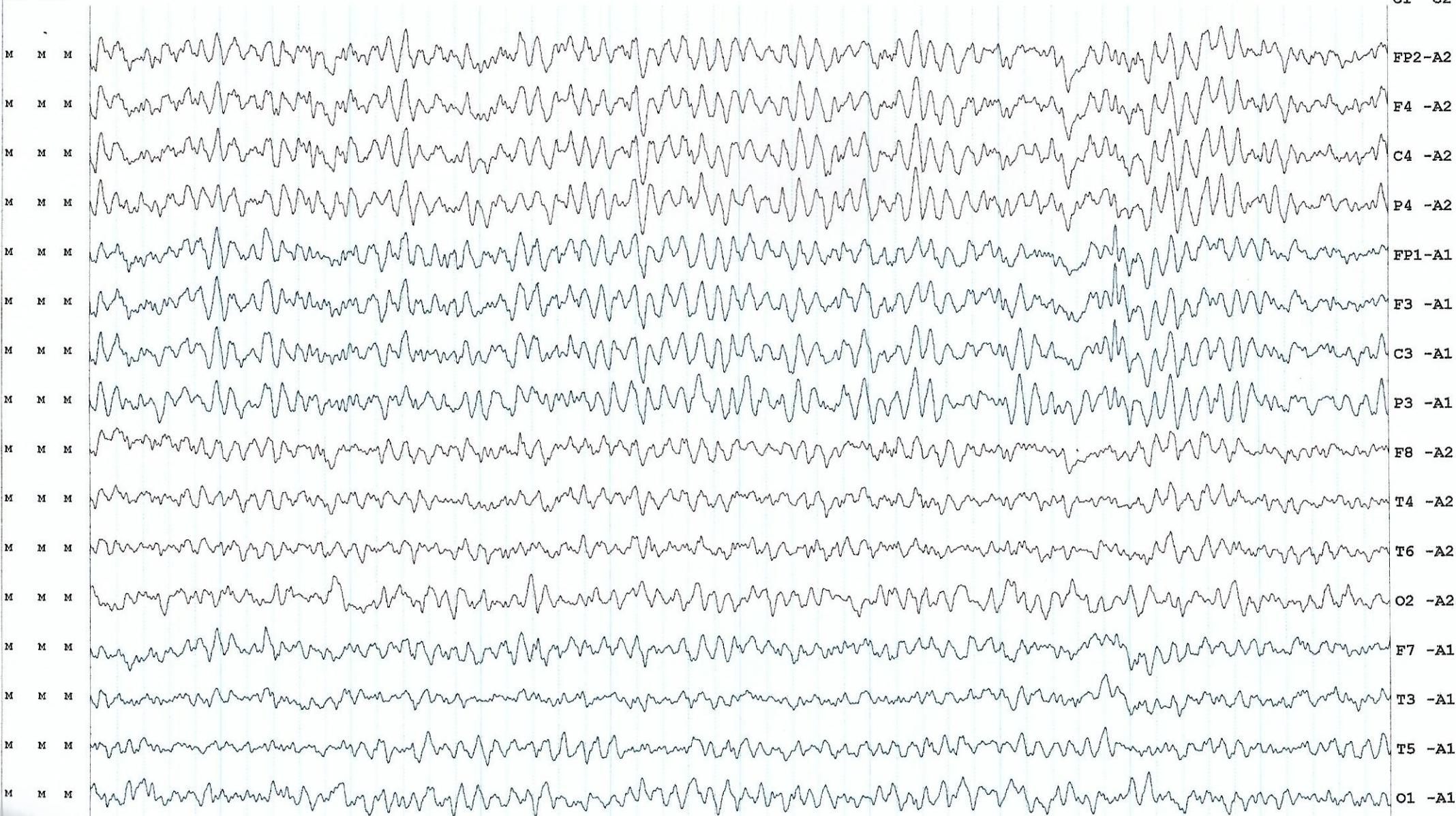
ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23 LF: 1.0 Hz - HF: 70 Hz Speed: 30 mm/s (N.T. Scale)  
00:05:54 SEN: 7.5  $\mu$ V/mm Notch: 50 Hz Type: ANALYSIS  
Montage: MONOPOLAR2 (R)

Page: 36/124  
Emg On

SEN LF HF

G1 G2



00:05:55

00:05:56

00:05:57

00:05:58

00:05:59

00:06:00

00:06:01

00:06:02

00:06:03

00:06:04

Time/Ev

Comment

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:05:54LF:1.0 Hz - HF:70 Hz  
SEN: 7.5 $\mu$ V/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL(R)Page:36/124  
Emg On

SEN LF HF

G1 G2

FP2-F4

F4 -C4

C4 -P4

P4 -O2

FP1-F3

F3 -C3

C3 -P3

P3 -O1

FP2-F8

F8 -T4

T4 -T6

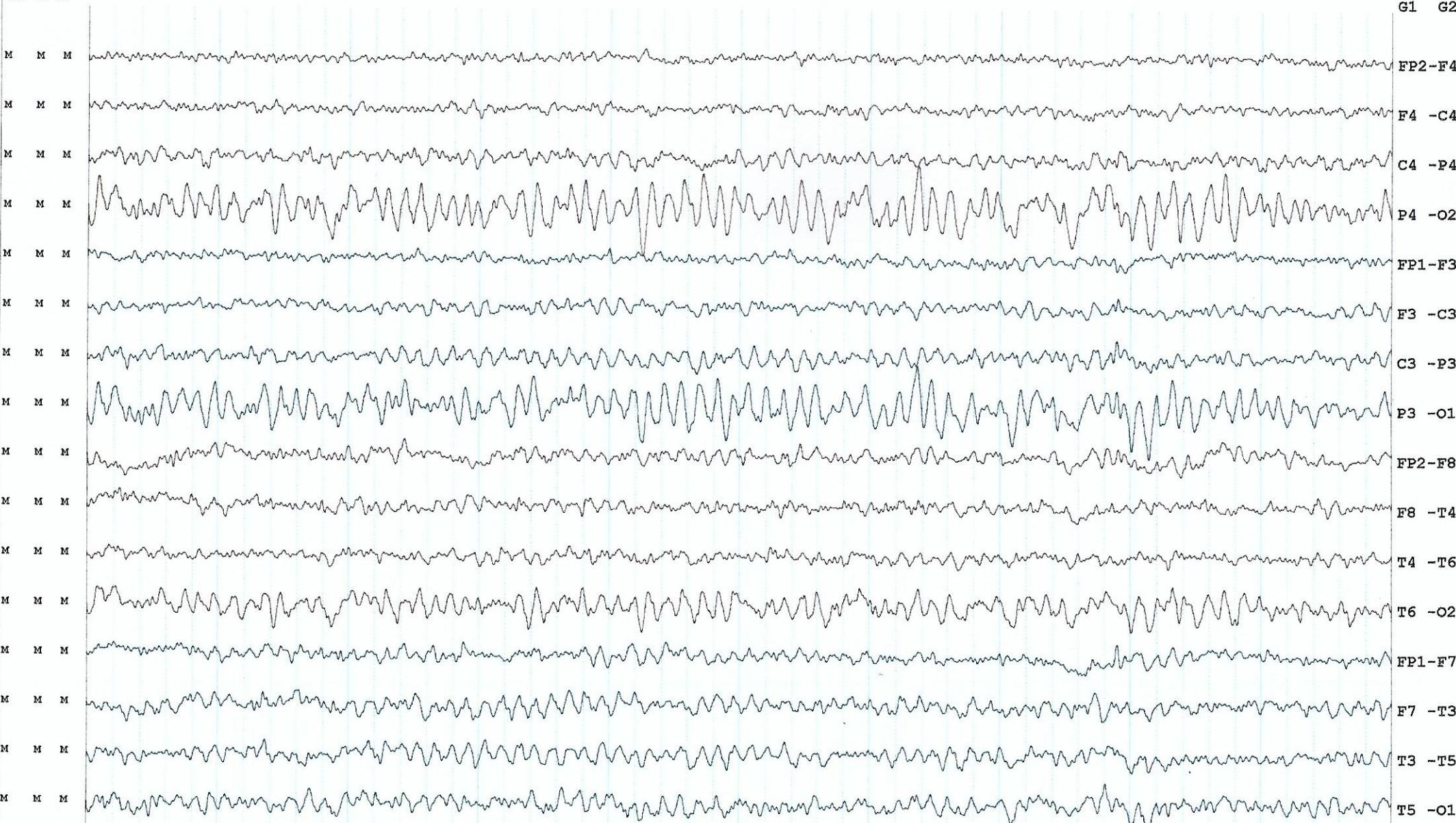
T6 -O2

FP1-F7

F7 -T3

T3 -T5

T5 -O1



00:05:55 00:05:56 00:05:57 00:05:58 00:05:59 00:06:00 00:06:01 00:06:02 00:06:03 00:06:04 Time/Ev

Comment

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:08:04

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

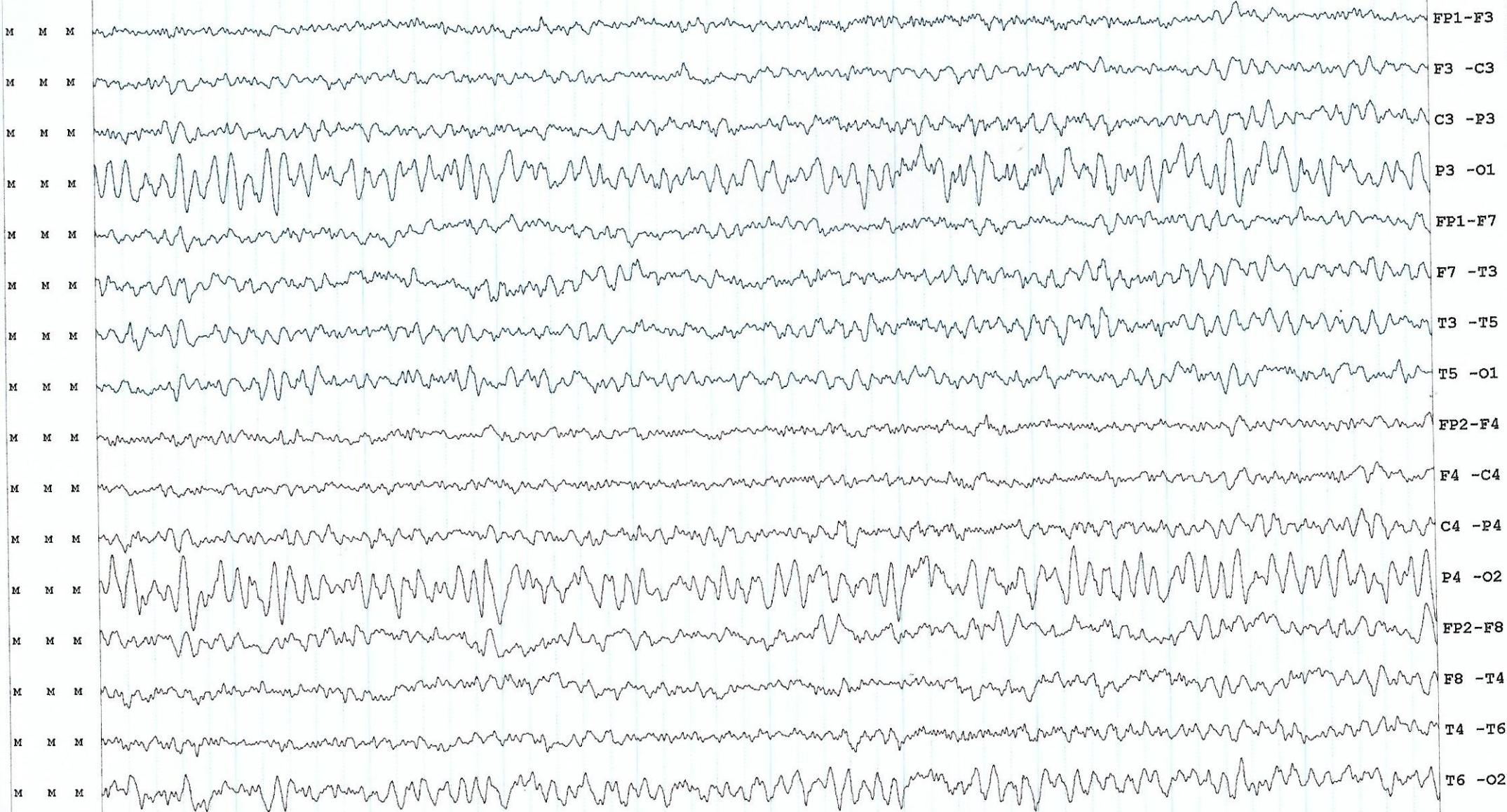
Speed: 30 mm/s (N.T. Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BP LONGITUDINAL (L)

Page: 49/124  
Emg On

G1 G2

SEN LF HF



00:08:05

00:08:06

00:08:07

00:08:08

00:08:09

00:08:10

00:08:11

00:08:12

00:08:13

00:08:14

Time/Ev

Comment

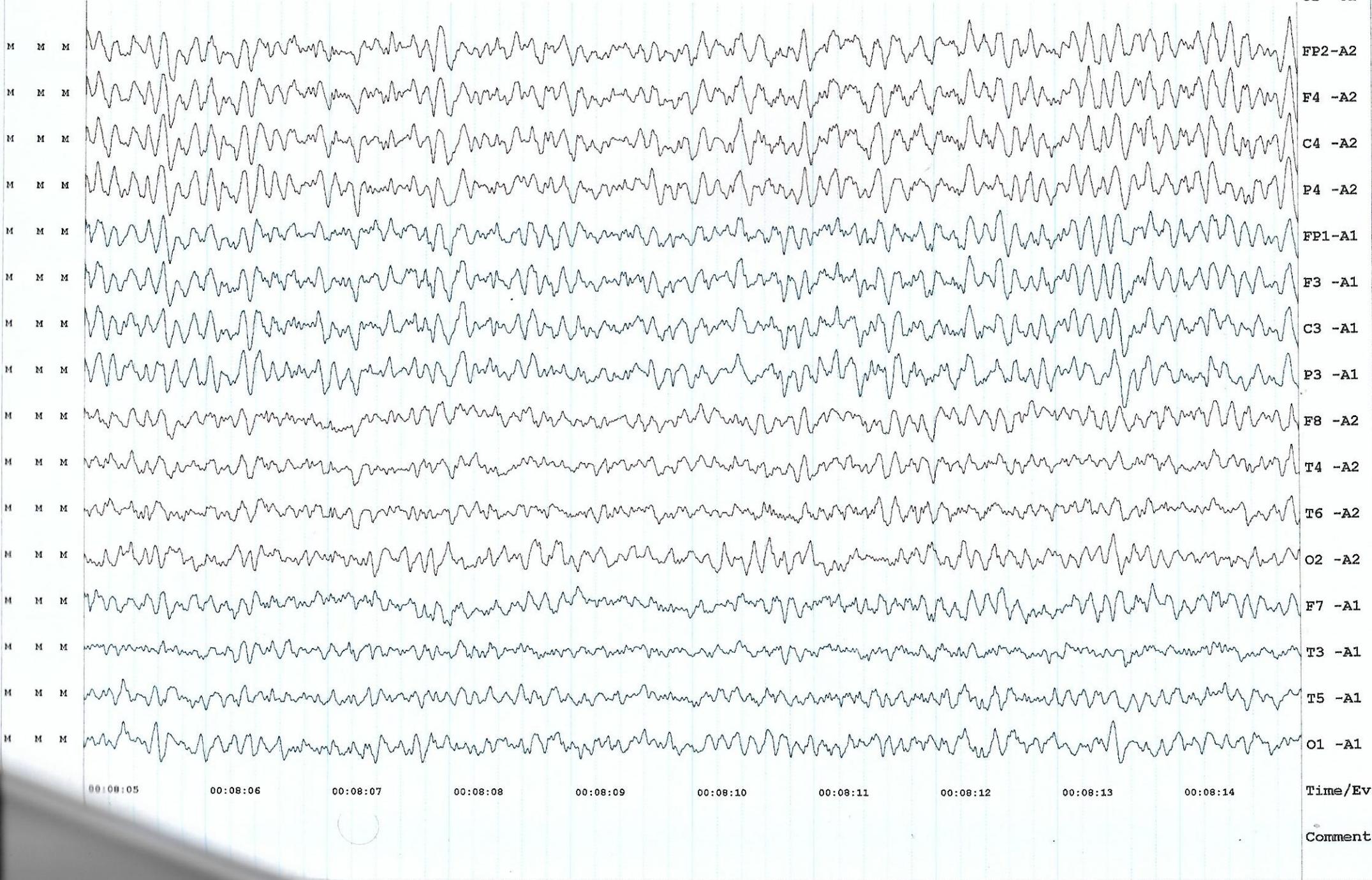
## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23 LF: 1.0 Hz - HF: 70 Hz Speed: 30 mm/s (N.T. Scale) Type: ANALYSIS  
00:08:04 SEN: 7.5  $\mu$ V/mm Notch: 50 Hz Montage: MONOPOLAR2 (R)  
Page: 49/124 Emg On

SEN LF HF

G1 G2



**ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)**

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:08:04

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

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

Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)

Page: 49/124  
Emg On

G1 G2

RMS

N LF HF

M M

M M

M M

M M

M M

M M

M M

M M

M M M

M M M

M M M

M M M

M M M

M M M

M M M

M M M

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

00:08:05

00:08:06

00:08:07

00:08:08

00:08:09

00:08:10

00:08:11

00:08:12

00:08:13

00:08:14

Comment

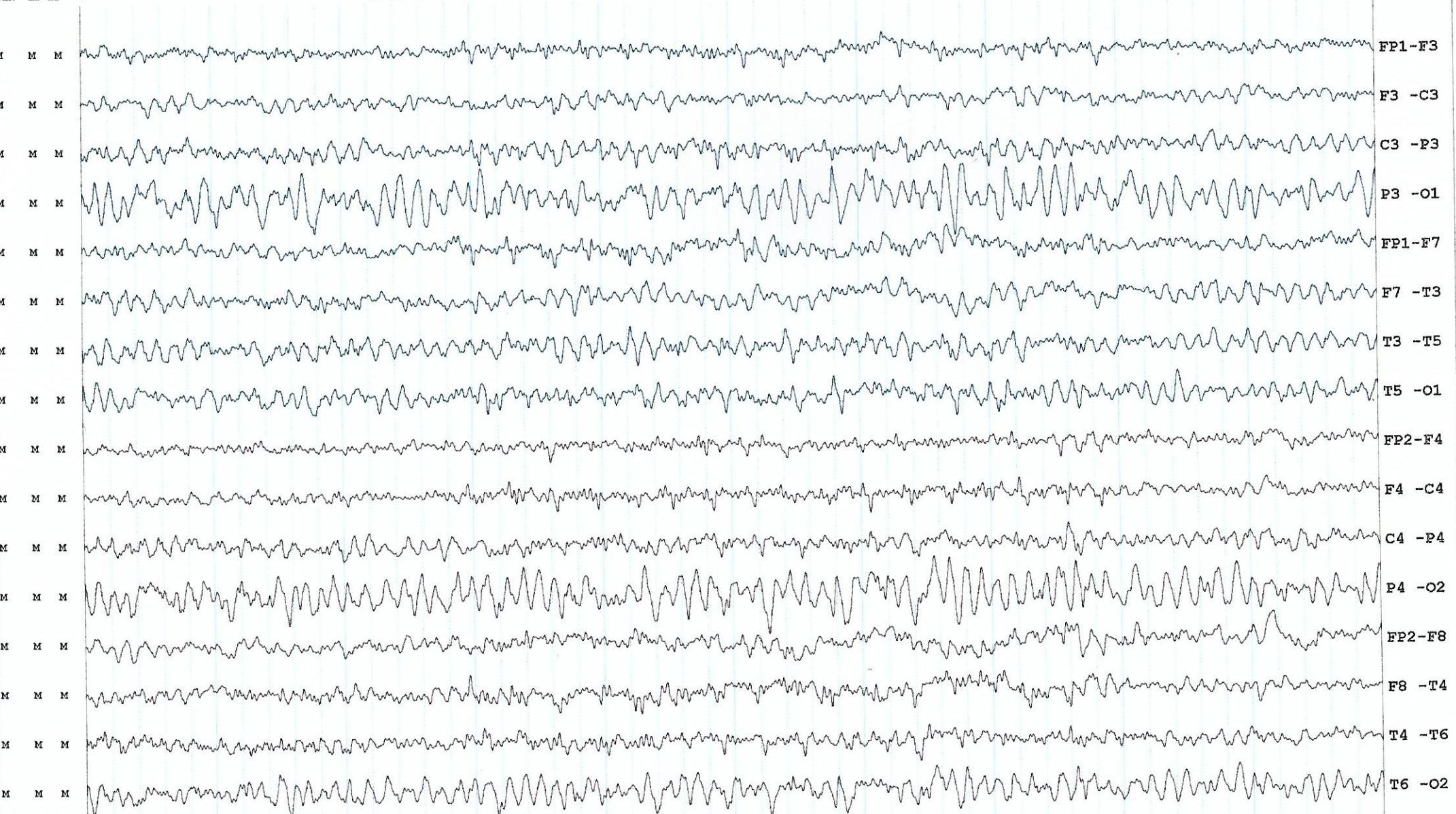
## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:10:14LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL (L)Page: 62/124  
Emg On

G1 G2

SEN LF HF

19 Hz



00:10:15

00:10:16

00:10:17

00:10:18

00:10:19

00:10:20

00:10:21

00:10:22

00:10:23

00:10:24

Time/Ev

Comment

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:10:14LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mmSpeed: 30 mm/s (N.T. Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: MONOPOLAR2 (R)Page: 62/124  
EEG On

EN LF HF

19 Hz

G1 G2

M M

FP2-A2

M M

F4 -A2

M M

C4 -A2

M M

P4 -A2

M M

FP1-A1

M M

F3 -A1

M M

C3 -A1

M M

P3 -A1

M M

F8 -A2

M M

T4 -A2

M M

T6 -A2

M M

O2 -A2

M M

F7 -A1

M M

T3 -A1

M M

T5 -A1

M M M

O1 -A1

00:10:15 00:10:16 00:10:17 00:10:18 00:10:19 00:10:20 00:10:21 00:10:22 00:10:23 00:10:24 Time/Ev  
Comment

# ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:10:14

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

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

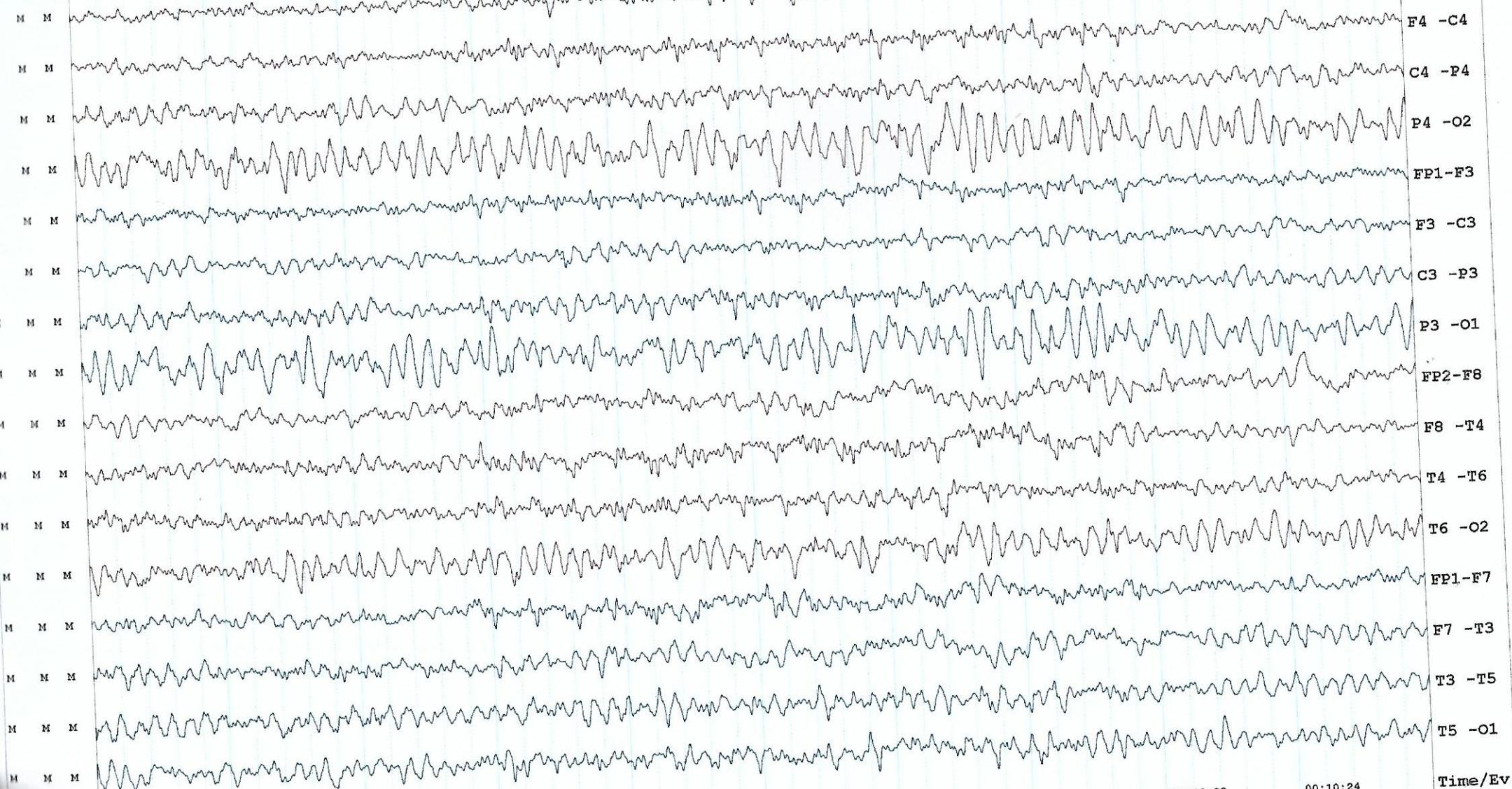
Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)

Page: 62/124  
Emg On

G1 G2

19 Hz

LF HF



00:10:15

00:10:16

00:10:17

00:10:18

00:10:19

00:10:20

00:10:21

00:10:22

00:10:23

00:10:24

Time/Ev  
Comment

**ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)**

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:13:21

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

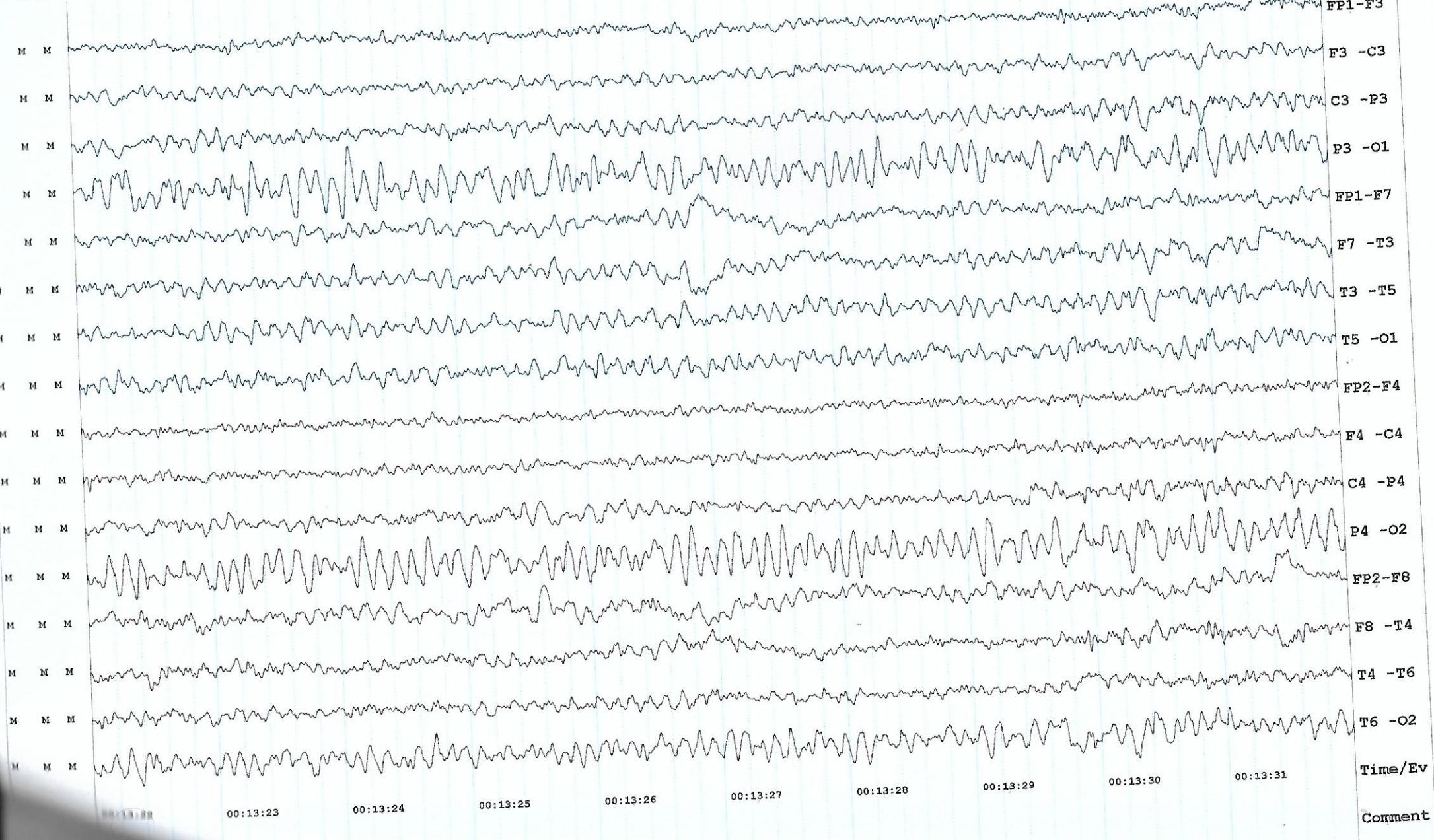
Speed: 30 mm/s (N.T.Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: BP LONGITUDINAL (L)

Page: 81/124  
Emg On

G1 G2

LF HF



## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:13:21

LF:1.0 Hz - HF:70 Hz  
SEN: 7.5µV/mm

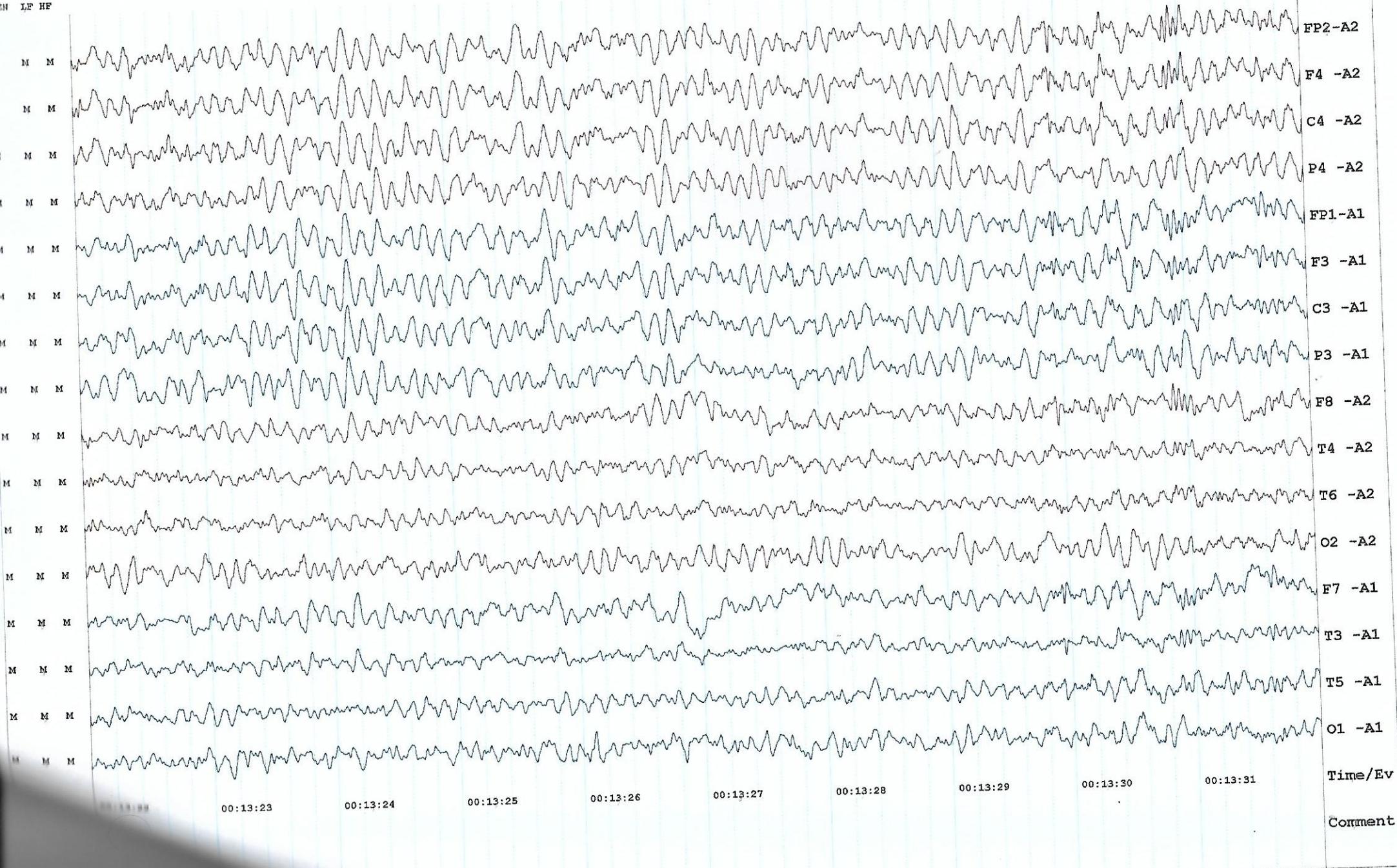
Speed: 30 mm/s(N.T.Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: MONOPOLAR2 (R)

Page: 81/124  
Eng On

G1 G2

N LF HF



## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:13:21

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

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

Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)

Page: 81/124  
Emg On

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

00:13:23

00:13:24

00:13:25

00:13:26

00:13:27

00:13:28

00:13:29

00:13:30

00:13:31

Comment

**ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)**

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:14:41

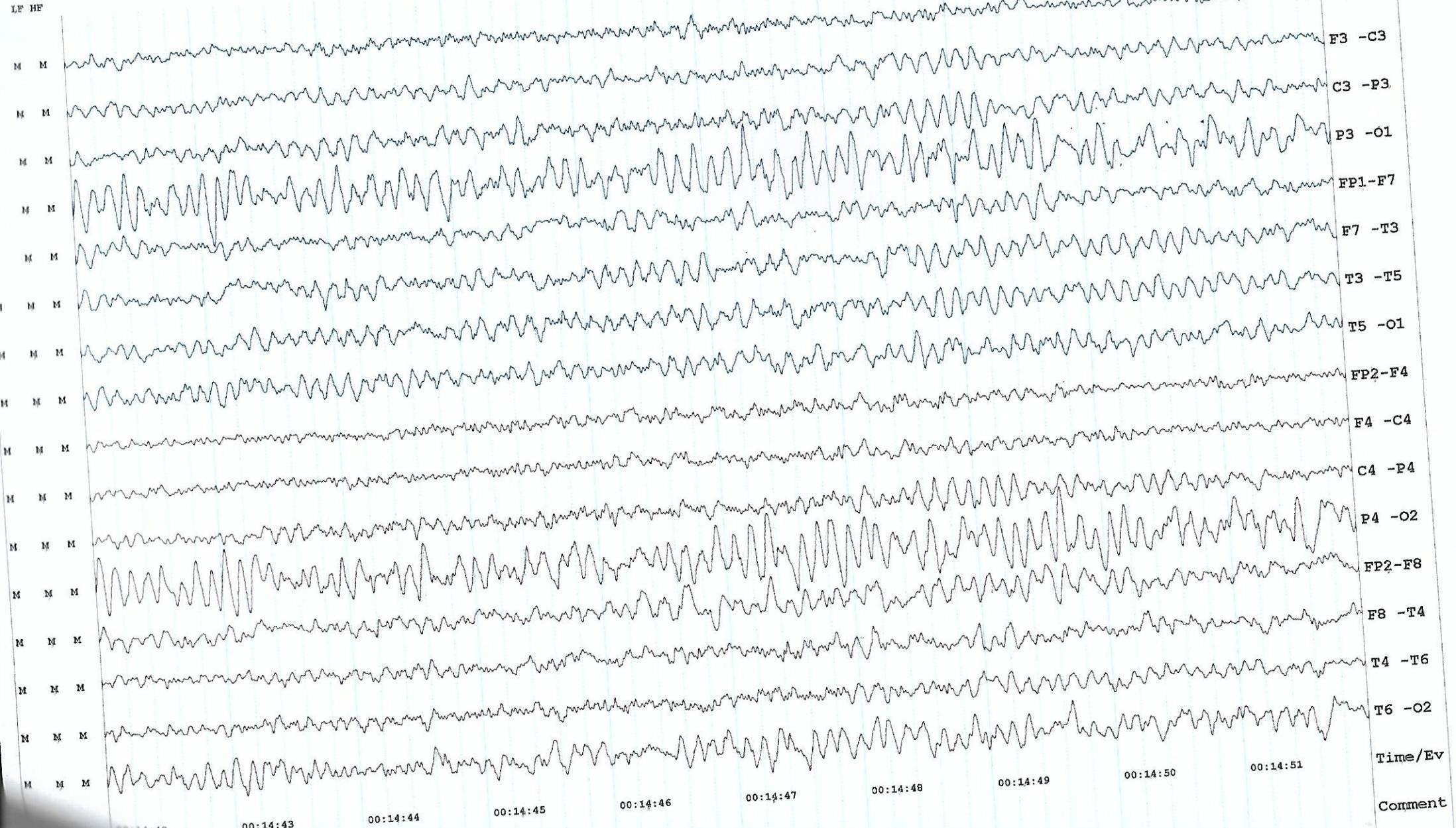
LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

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

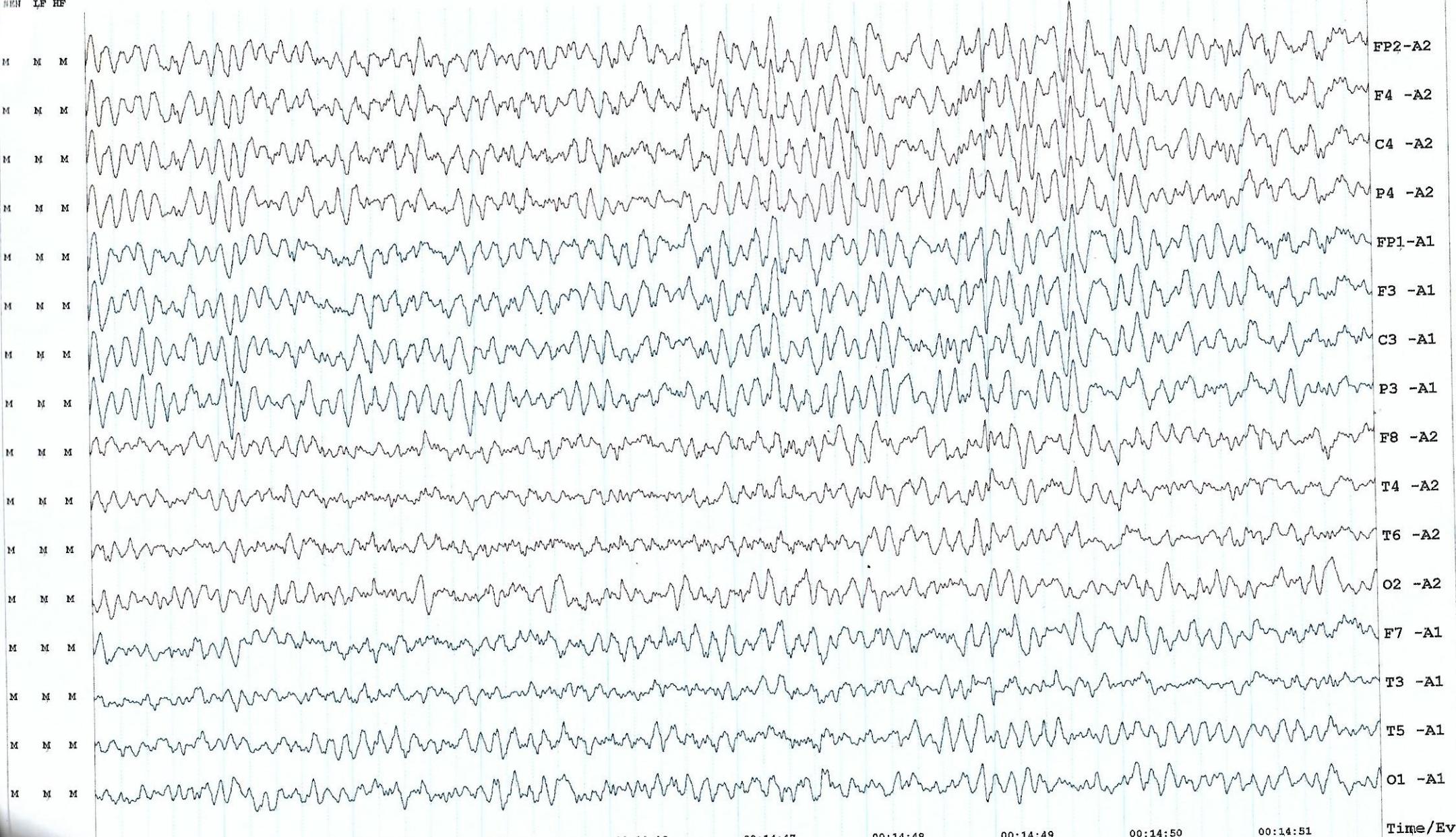
Type: ANALYSIS  
Montage: BP LONGITUDINAL (L)

Page: 89/124  
Emg On

G1 G2



MM LF HF



00:14:42 00:14:43 00:14:44 00:14:45 00:14:46 00:14:47 00:14:48 00:14:49 00:14:50 00:14:51 Time/Ev

Comment

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:14:41

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

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

Type: ANALYSIS  
Montage: BP LONGITUDINAL1 (R)

Eng On

G1 G2

IN LF HF

M M

FP2-F4

M M

F4 -C4

M M

C4 -P4

M M

P4 -O2

M M

FP1-F3

M M

F3 -C3

M M

C3 -P3

M M

P3 -O1

M M

FP2-F8

M M

F8 -T4

M M

T4 -T6

M M

T6 -O2

M M

FP1-F7

M M

F7 -T3

M M

T3 -T5

M M

T5 -O1

M M

Time/Ev

00:14:42

00:14:43

00:14:44

00:14:45

00:14:46

00:14:47

00:14:48

00:14:49

00:14:50

00:14:51

Comment

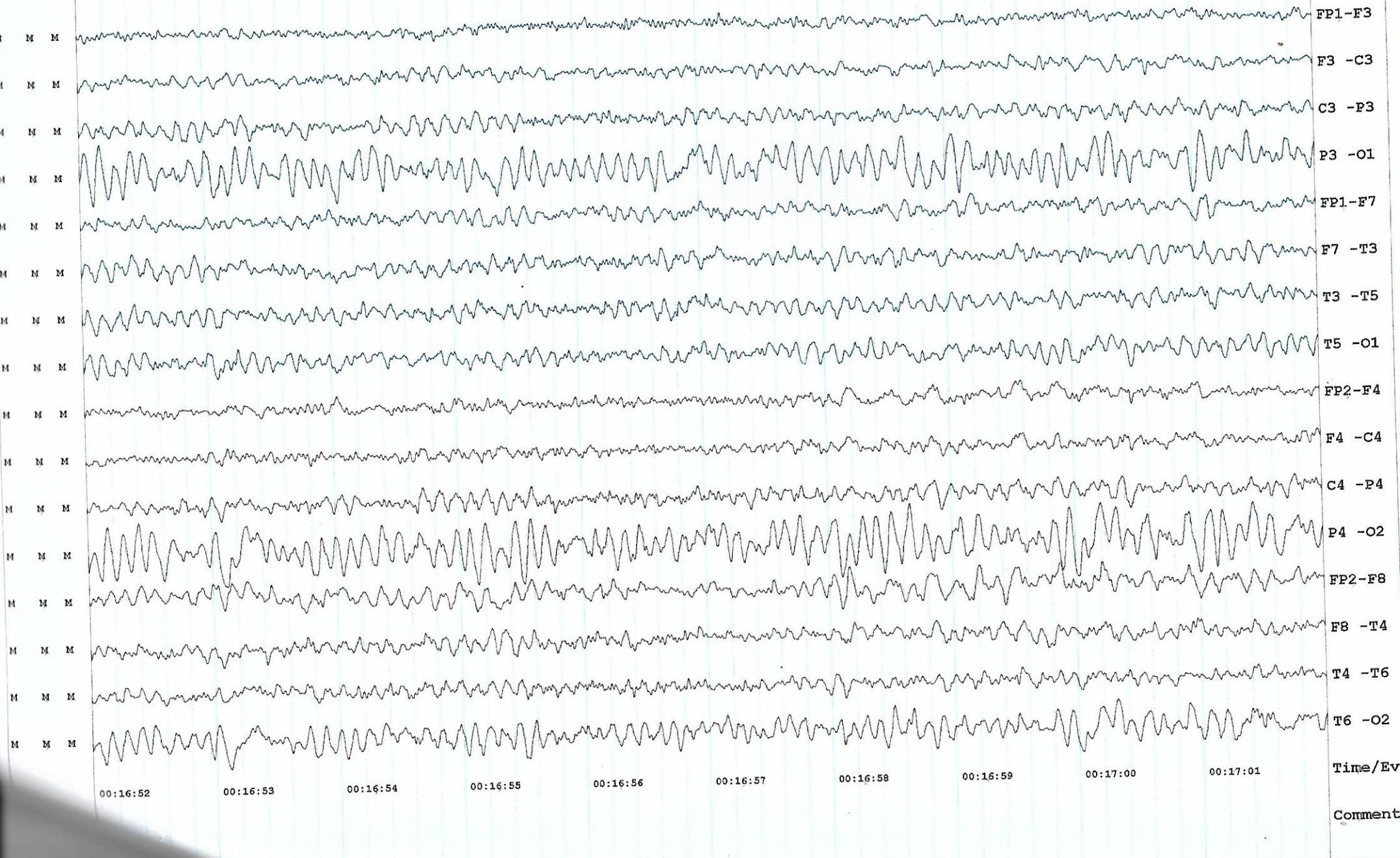
40

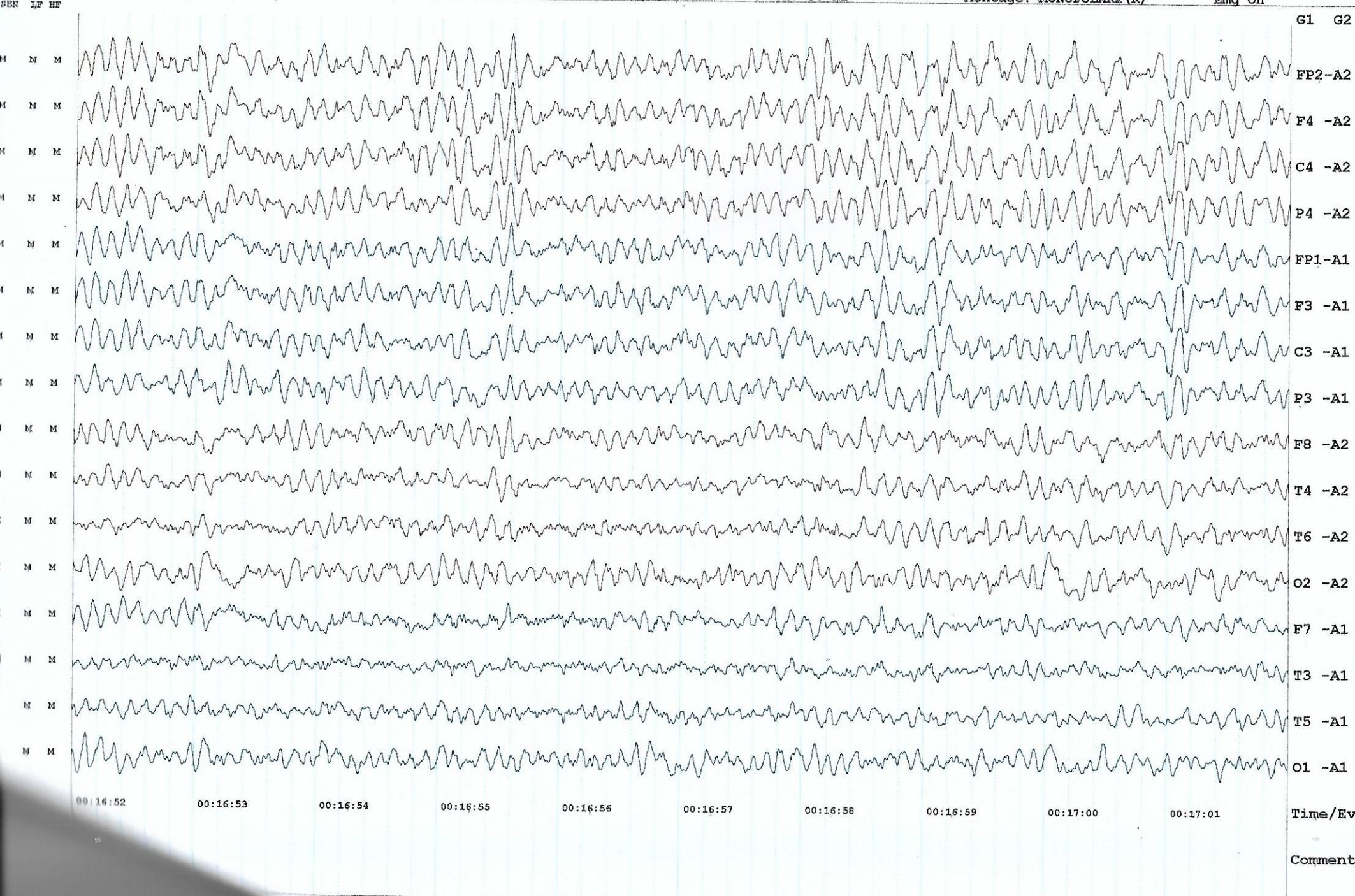
## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:16:51LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mmSpeed: 30 mm/s (N.T. Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL (L)Page: 102/124  
Emg On

G1 G2

EN LF HF





ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:16:51

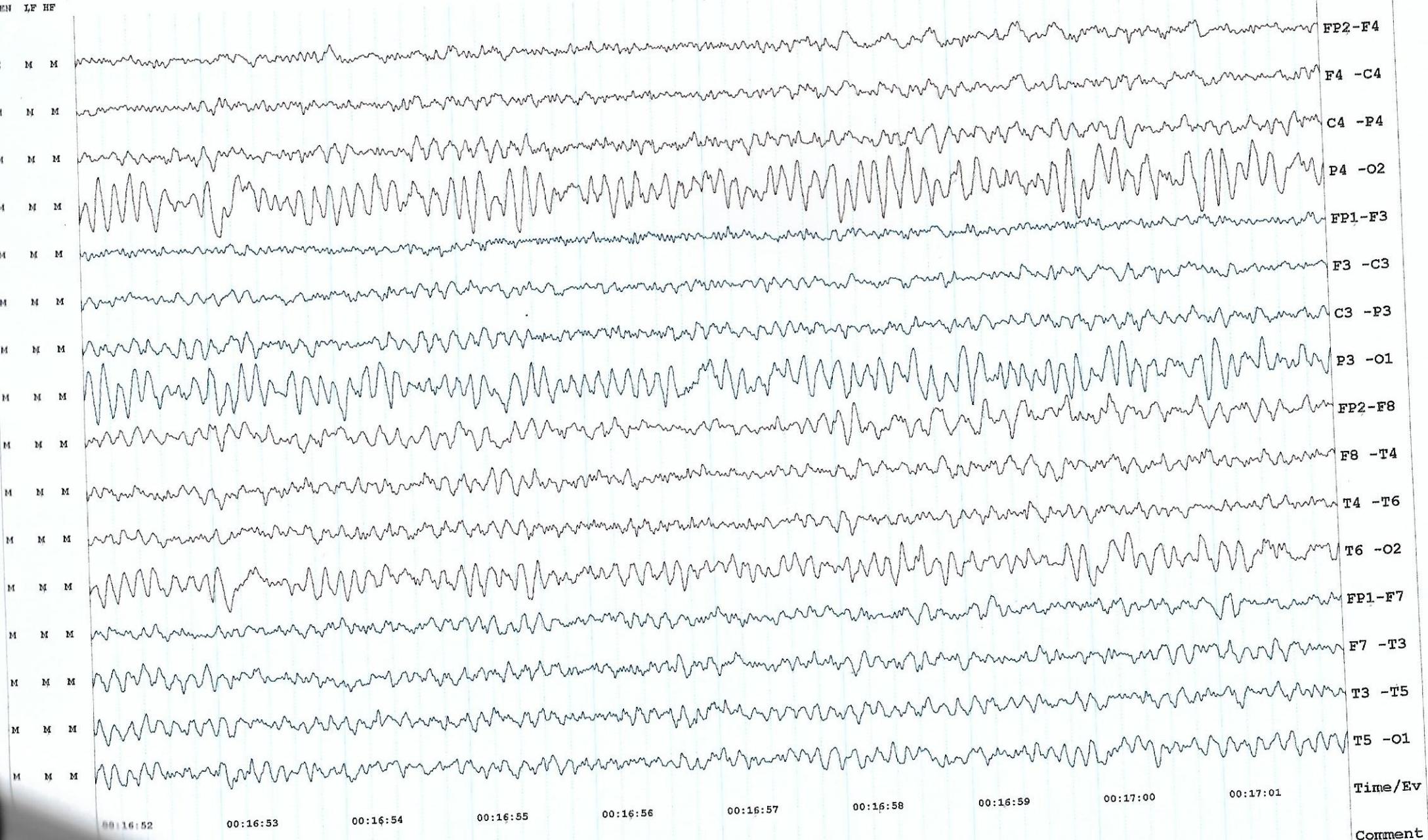
LF: 1.0 Hz + HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

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

Type: ANALYSIS  
Montage: BP LONGITUDINAL (R)

Emg On

G1 G2

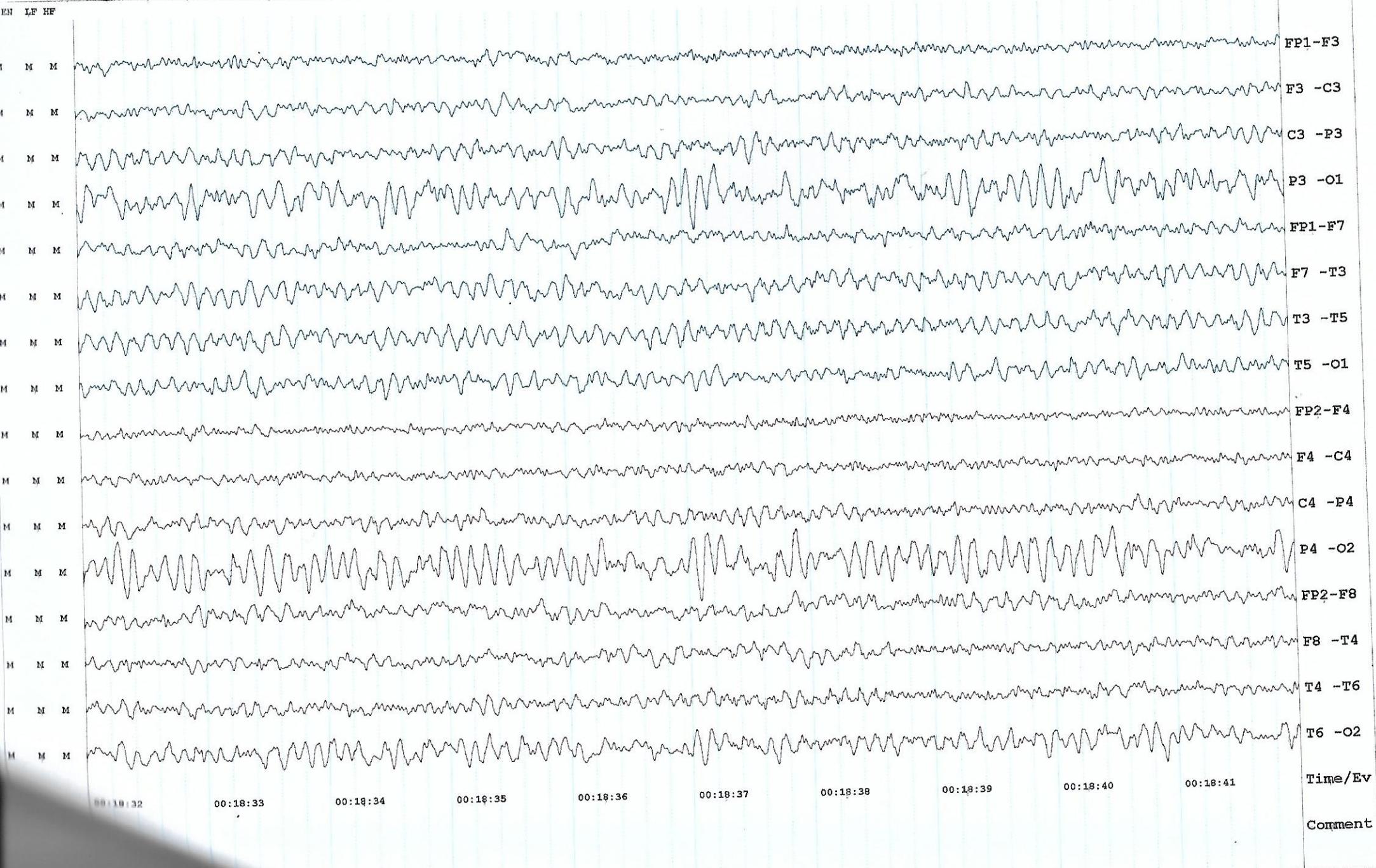


## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23 00:18:31 LF: 1.0 Hz - HF: 70 Hz Speed: 30 mm/s (N.T.Scale) Type: ANALYSIS  
SEN: 7.5  $\mu$ V/mm Notch: 50 Hz Montage: BP LONGITUDINAL (L) Emg On

Page: 112/124

G1 G2



# ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:18:31

LF: 1.0 Hz - HF: 70 Hz  
SEN: 7.5  $\mu$ V/mm

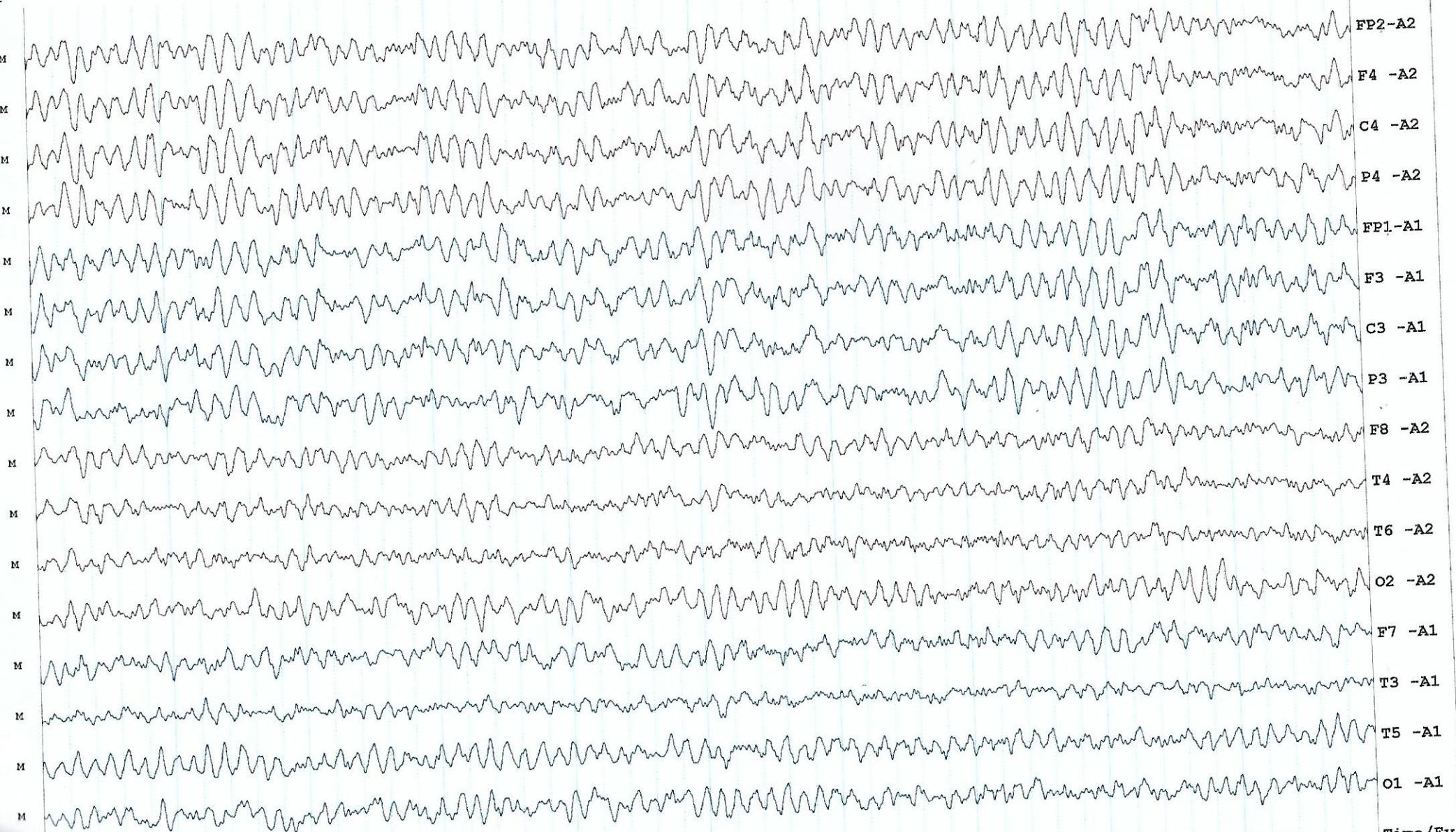
Speed: 30 mm/s (N.T.Scale)  
Notch: 50 Hz

Type: ANALYSIS  
Montage: MONOPOLAR2 (R)

Page: 112/124  
Emg On

G1 G2

LF HF



00:18:32

00:18:33

00:18:34

00:18:35

00:18:36

00:18:37

00:18:38

00:18:39

00:18:40

00:18:41

Comment

## ILS HOSPITAL (DEPARTMENT OF NEURO-ELECTROPHYSIOLOGY)

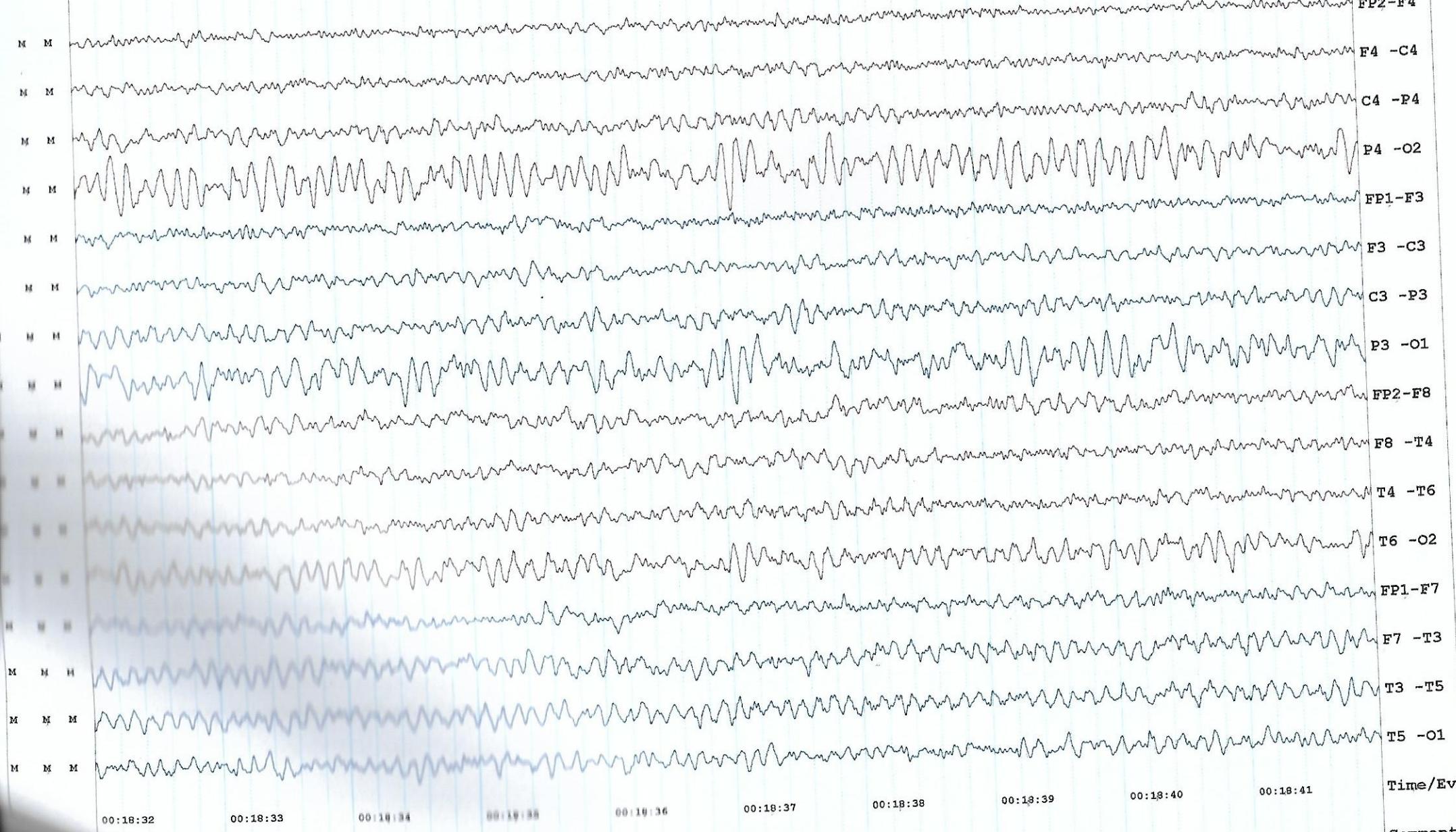
Page:112/124

ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology30-Oct-23  
00:18:31LF:1.0 Hz - HF:70 Hz  
SEN: 7.5 $\mu$ V/mmSpeed: 30 mm/s (N.T.Scale)  
Notch: 50 HzType: ANALYSIS  
Montage: BP LONGITUDINAL (R)Page:112/124  
Emg On

G1 G2

MS

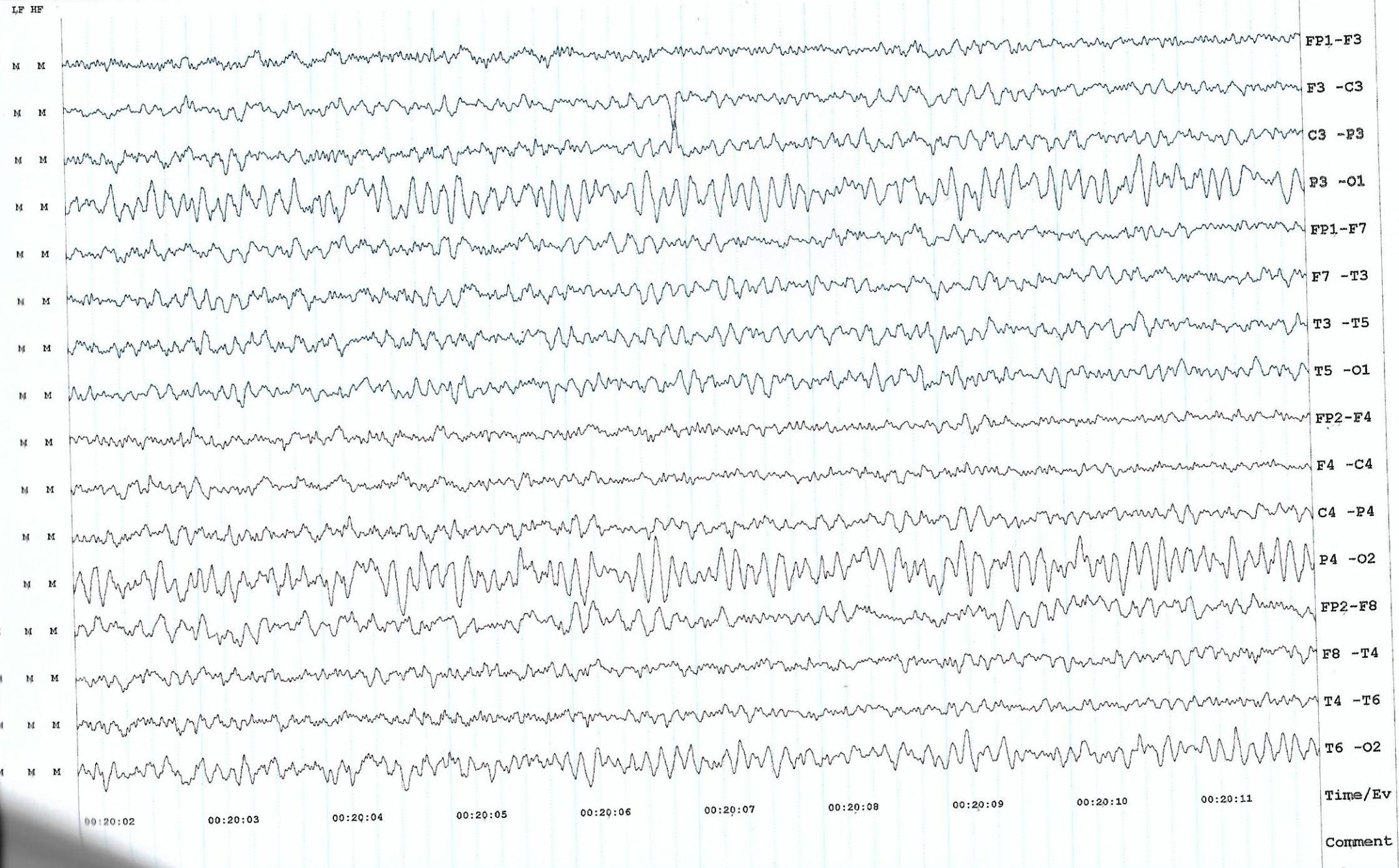
LF HF



ID: 40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

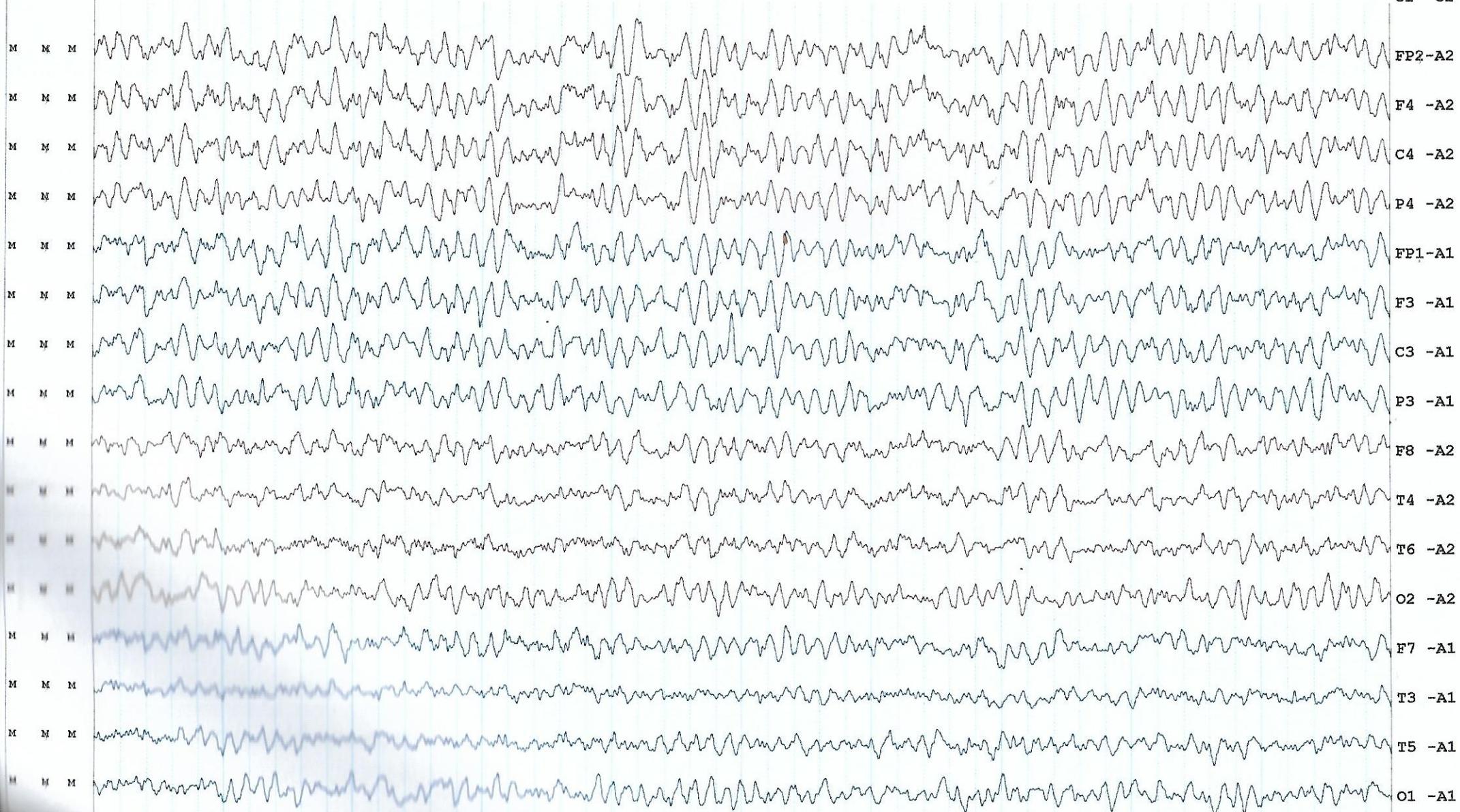
30-Oct-23 LF: 1.0 Hz - HF: 70 Hz Speed: 30 mm/s (N.T.Scale) Type: ANALYSIS  
00:20:01 SEN: 7.5  $\mu$ V/mm Notch: 50 Hz Montage: BP LONGITUDINAL(L)  
G1 G2

Emg On



SEN LF HF

G1 G2



00:20:02 00:20:03 00:20:04 00:20:05 00:20:06 00:20:07 00:20:08 00:20:09 00:20:10 00:20:11 Time/Ev

Comment



ID:40078055/Soham Chakraborty/20/Male  
Dr. Department of Neurology

30-Oct-23  
00:20:01

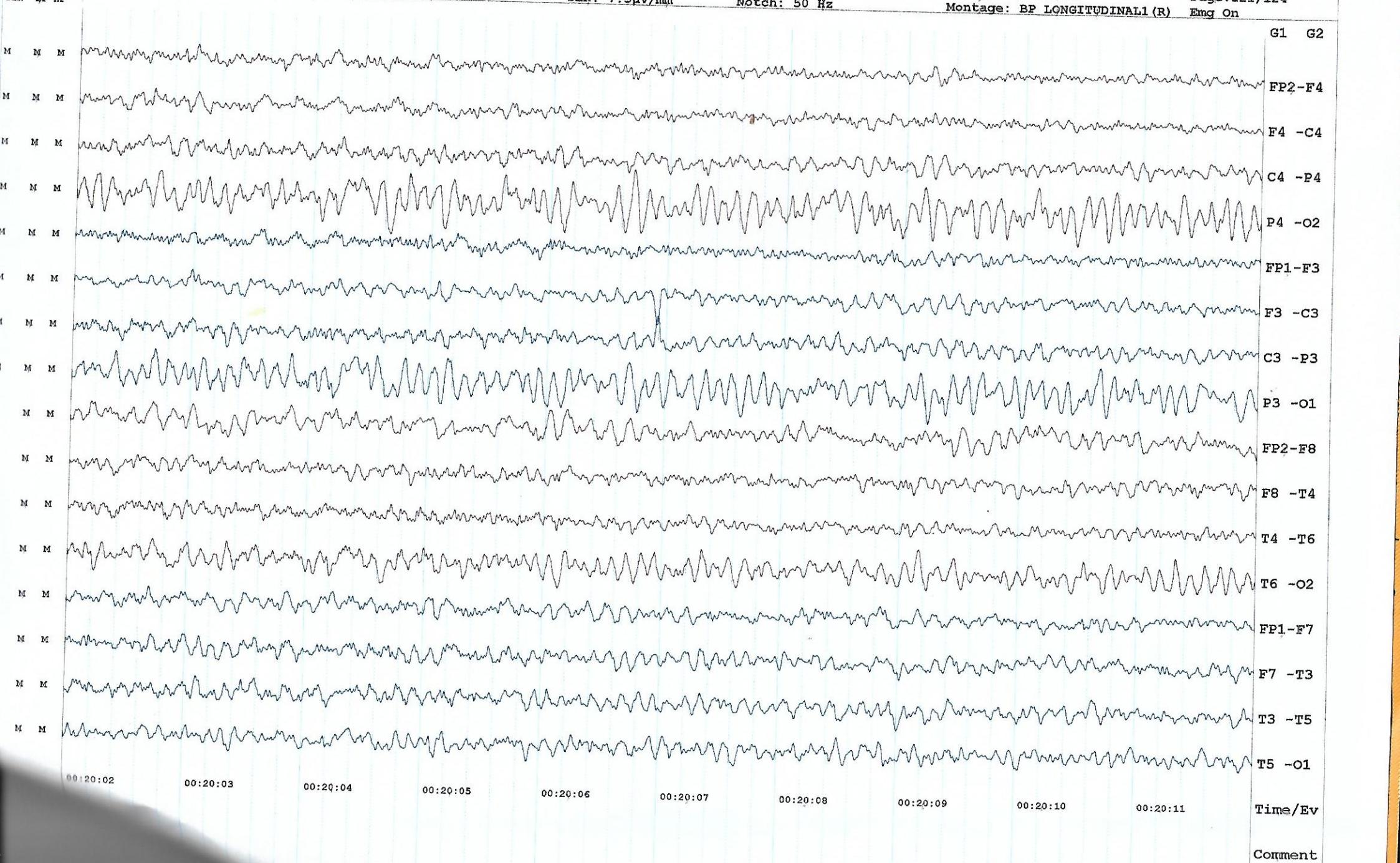
LF:1.0 Hz - HF:70 Hz  
SEN: 7.5  $\mu$ V/mm

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

Montage: BP LONGITUDINAL1 (R)

Page:121/124  
Emg On

SEN LF HF



00:20:02

00:20:03

00:20:04

00:20:05

00:20:06

00:20:07

00:20:08

00:20:09

00:20:10

00:20:11

Time/Ev

Comment