

ANADOLU MEDICAL CENTER

Patient ID	: 591569	Visit ID	: V-3509560
Patient Name-Surname	: MAIA EMILIA ANGHELINA	Report Date	: 20/09/2018
Date of Birth	: 27/04/2018		
Visiting Physician	: MEHMET KILIÇ	Written By	: BURAK ALPARSLAN

Procedure Report

Time and Date of the Report : 20-09-2018 13:49

FINDINGS

: Preliminary information / Diagnosis: Seizure suspicion

Record Details

In this 22-hour EEG recording, coronal and sagittal bipolar as well as unipolar montages were used with 23 surface electrodes in a 32-channel digital device.

Background activity was comprising of mixed theta and delta waves which unrelated by eye closure. Hyperventilation and photic stimulation are not done.

During 15-hour sleep recording, spindles were observed symmetrical. Vertex waves were symmetrical observed rare.

Sharp waves were detected on Cz/P3/C4 in rare frequency in the sleep.

Seizures:

11:14:20: Electrographic seizure originating in Cz. After bilateral central spread, it ends at 11:15:10.

11:15:40: Half rhythmic possible seizure of short intervals in the midline with prominent theta waves causing jerky movements of the arms.

Rhythmic theta waves and bilateral central theta waves between 12:14:40 and

12:15:10 originating in Cz and clonic jerky movements of the arm/leg.

12:43:00 A possible electrographic seizure with half rhythmic theta waves speeding over Cz, then somnolence.

16:40:00: Rhythmic theta wave over Cz, probable electrographic seizure, 15 seconds.

17:06:40_17:09:10: The most prominent and long-lasting electrographic seizure is of bilateral central origin. It is more prominent on the left. Clinically unclear sudden arm movements are present; the patient continues breastfed.

18:15:11: Probable rhythmic theta electrographic seizure lasting 20 seconds in the Cz and central areas.

18:30:17: Rhythmic sharp theta electrographic seizure lasting 20 seconds which is more prominent over F4C4. 18:31:52_18:32:32: Electrographic and clinical seizure with slight jerky movement of the arm.

19:00: 50 mg oral Keppra is given.

22:10:22: Half rhythmic theta probable electrographic seizure lasting 20 seconds over Cz.

02:43:39: Sharp waves over Cz.

05:49:29 and 05:59:19: The button is pressed for certain jerky movements as seizure. Seizure is not considered on the video and EEG.

Suppression (200-300 mcV):13:13:18, 13:17:15, 13:21:35, 13:31:15, 14:03:35, 14:28:32, 14:33:52, 15:57:41

Result

Epileptiform waves over the midline (Cz) and seizures originating in the midline and extending into bilateral central regions are observed on day-long EEG monitorization. Clinically, the seizures that were characterized by somnolence and irregular clonic twitches in the arms and legs were not very apparent. Not every twitch and jerk that is marked is considered as seizure. Many electrographic seizures are observed that lasted very short without producing a clinical finding. The most prominent seizures were observed at 12:14:40 and 17:06:40.

Dr.Sinan Çomu

Pediatric Neurologist

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