

CURRICULUM VITAE

AMAL C MOHAN

Kattayikonam- Trivandrum (Dist), Kerala, India
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NEURO DIAGNOSTIC TECHNOLOGIST

PROFESSIONAL SUMMARY

Reliable and professional individual who is prepared and ready to directly contribute to the health care field. Well versed in the medical terminology, hospital protocol and regulation. Seeking a challenging and rewarding position within a growing and respectable health care organization

TECHNICAL PROFILE

Well experienced and good technical knowledge in handling Neurological equipment's.

EQUIPMENT KNOWLEDGE

- ♦ **NATUS NEUROLOGY**
 - DANTEC (NCS,EPs)
 - NICOLET (PSG,NCS,EEG,EMG,EPs)
- ♦ **RECORDERS AND MEDICARE SYSTEMS (RMS) (EEG,NCS,EPs)**
- ♦ **MEDICAID SYSTEM**
 - NEUROMAX(EEG)
 - NEUROCOMPACT(EEG)
 - NEUROSTIM (NCS,EMG,EPs)

TECHNICAL KNOWLEDGE

- ELECTROENCEPHALOGRAPHY (EEG)
 - ◆ VIDEO EEG
 - ◆ PORTABLE EEG
 - ◆ BRAIN DEATH PROTOCOL EEG
 - ◆ LONG TERM MONITORING (LTM)

- POLYSOMNOGRAPHY (PSG)
 - ◆ SPLIT NIGHT
 - ◆ CPAP
 - ◆ BIPAP
 - ◆ MWT
 - ◆ MSLT

- ELECTROMYOGRAPHY (EMG)

- NERVE CONDUCTION STUDIES (NCS)

- REPETITIVE NERVE STIMULATION (RNS)

- BLINK REFLEX
- H REFLEX

- EVOKED POTENTIALS
 - ◆ VISUAL EVOKED POTENTIAL (VEP)
 - ◆ BRAINSTEM AUDITORY EVOKED POTENTIAL (BAEP)
 - ◆ SOMATOSENSORY EVOKED POTENTIAL (SSEP)

- AUTONOMIC NERVOUS SYSTEM FUNCTION TEST
 - ◆ SYMPATHETIC SKIN RESPONSE(SSR)

PROFESSIONAL EXPERIENCE

GOVT MEDICAL COLLEGE, TRIVANDRUM

Working as Neuro technology trainee in Neuro Electro Physiological Lab
Dept of Pediatric Neurology & Dept. of Adult Neurology.

Roles & Responsibilities

- Attach electrodes to patients using adhesives.
- Summarize technical data to assist physicians to diagnose brain, sleep, or nervous system disorders.
- Calibrate, troubleshoot, or repair equipment correct malfunctions as needed.
- Conduct tests to define cerebral death, the absence of brain activity, or the probability of recovery from a coma.
- Measure visual, auditory, or somatosensory evoked potentials (EPs) to define responses to stimuli
- Indicate artifacts or interferences derived from sources outside of the brain, like poor electrode contact or patient movement, on electro neuro diagnostic recordings
- Conduct nerve conduction studies (NCS) that measure how the Peripheral Nervous System (PNS) conducts messages along various nerves throughout the body.
- Conduct Electromyography (EMG) to measures the electrical activity of skeletal muscles
- Monitor patients during tests or surgeries, using electroencephalographs (EEG), evoked potential (EP) instruments, or video recording equipment
- Set up, program, or record montages or electrical combinations when testing peripheral nerve, spinal cord, sub cortical, or cortical responses
- Adjust equipment to optimize viewing of the nervous system
- Collect patient's medical information needed to customize tests
- Submit reports to physicians summarizing test results
- Assist in technicians, medical students, residents or other staff members
- Explain testing procedures to patients, answering questions or reassuring patients as needed
- Participate in research projects, conferences, or technical meetings
- Autonomic function testing (SSR) to detect autonomic system dysfunction

ACADEMIC QUALIFICATION

- ❖ **Diploma in Neuro Technology (DNT): DEC 2016-DEC 2018**
Directorate of Medical Education

Studied in Govt. Medical College
Thiruvananthapuram - Kerala, India
Passed with First Class
6 months Internship in department of pediatric and adult neurology
- ❖ **Higher Secondary Education: MARCH 2016**

Studied in SNGHSS, Chempazhathy and passed with 89.5%
- ❖ **CBSE: MARCH 2014**
Studied in S N Public School, Chenkottukonam and Passed with 8.8 CGPA

PERSONAL PROFILE

Name : AMAL C MOHAN
Address : EANCHAVILA VEEDU
KATTAYIKONAM P O, TRIVANDRUM, KERALA
Pin : 695584
Father's Name : MOHANAN C
Age : 21 Yrs
Date of Birth : 11th January 1998
Gender : Male
Marital Status : Single
Nationality : Indian
Languages Known : English, Malayalam, Tamil & Hindi

CERTIFICATION

IAP ALS

Indian Academy of Pediatrics Advanced Life Support Group
Basic Life Support-BLS Provider (DEC 2018-2020)

