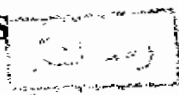


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# A Comprehensive Evaluation Of Nocturnal Polysomnographic Recording in Epileptic Patients



Thesis  
Submitted for partial fulfillment  
of M.D. in Neurology

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To  
My Mother  
and My Father



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# Acknowledgment

*All due thanks to God who enabled me to complete this work.*

*I would like to express my deep appreciation to Prof. Hamed Shatta, professor of pediatrics Ain Shams University and Dean of Faculty of Medicine, whose enthusiasm and encouragement helped the start of polysomnography in our department, he really honored me by accepting to supervise my humble work.*

*I am profoundly grateful to Professor M. Anwar El-Etribi for his unlimited and continuous support, enthusiasm and encouragement throughout this work, and supply of essential references, he encouraged the establishment of the sleep laboratory in the Neurology department and gave me the honor of having the first thesis conducted in this fabulous laboratory, all without which it would not be completed.*

*I wish to express my great thanks and sincere appreciation to Professor Amira Ahmed Zaki, professor of Neurology Ain Shams University, for her continuous supply of patients, guidance, and meticulous valuable advises.*

*I would like to express my sincere gratitude to Prof. Mona Abdel Hamid Raafat, professor of Neurology, Ain Shams University, for her help and Fruitful supervision of this thesis, constructive criticism without which this work would have not been accomplished.*



*I find it essential to thank every and each patient and person who participated or shared with me the all the procedures of this study and also colleagues who supported me.*

*I wish to extend my deepest gratitude to Prof. Ayman Eniam, Ass. Professor of Neurology, Ain Shams University, For his supply of recent literature, as well as Dr. Nahed Salah El-din Lecturer of Neurology, Ain Shams University, for her scientific guidance and support throughout this work. My great thanks also goes to Prof. Tarek Asaad, Ass prof. of psychiatry for his help.*

*Lastly, may words allow me to express my everlasting thanks to all members of my family whom were of more than great support and help throughout my life, and I owe to them all my achievements .*

# ABSTRACT

*A polysomnographic study of a group of cases consisted of 96 patients with idiopathic epileptic syndromes and a group of 50 healthy controls within the childhood age group was done, to study the sleep patterns among this sample of egyptian patients, and to study the relation of respiratory events to their epilepsy. These cases and controls were subjected to a sleep disorders and epilepsy questionnaires, laboratory tests, conventional EEG study, and a CT brain scan in addition to the polysomnographic studies, including sleep EEG recording done at the start of the study and six months later after control of seizures for the patients who were recently diagnosed or partially controlled on medication.*

*No abnormal sleeping pattern was found among patients nor controls, with a special similarities in sleeping patterns of more than one epileptic syndrome included in the study.*

*No relationship was found between respiratory events and epilepsy of the selected cases.*

*Different effects of drugs used on polysomnographic patterns of patients of different clinical syndromes of idiopathic epilepsy were shown.*

**Candidate:** Naglaa Mohamed El-Khayat.

**TI:** A Comprehensive Evaluation Of Nocturnal Polysomnographic Recording in Epileptic Patients.

**In:** Ain Shams University. Neurology Department.

**Key Words:** Polysomnographic study - Epilepsy- Nocturnal recording- sleep patterns.



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