

Curriculum Vitae

Claude L. Albertario, RPSGT
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Work Experience

I **6/97-Present**
Associate Director, Winthrop-University Hospital, Sleep Disorders Center, Mineola, NY

Administration of all aspects of an Accredited 4 bed Sleep Disorders Center, including clerical, technical and clinical oversight. Responsible for technical training of 7 Pulmonary Fellows during sleep rotation. Implemented a client/server environment for sleep study scoring paradigm, realizing a 40% cost savings in the scoring process. Enabled extension of sleep record scoring with synchronized digital video review.

II **6/97-Present**
Technical Director, Winthrop-University Hospital, Pulmonary & Critical Care Medicine, Mineola, NY

Oversee the design and current administration of computer systems and client/server environment for the entire PCCM Division; Responsibilities include overseeing the implementation of and current administration of a 40 user departmental Microsoft Exchange environment, helping the department achieve the most efficient department status in the hospital. Implemented Palm Pilot interaction with MS Exchange data (1996), with Web access to same. Implemented and maintain departmental scheduling, digital dictation services, network scanning and faxing. Formulated efficient digitized workflows for various specialized departmental testing paradigms. Fluent in all Microsoft Windows operating environments. Excellent troubleshooting skills.

III **9/05-present**
Polysomnographic Scorer, Personal Health Institute International, Amsterdam, Netherlands
www.phi-i.com Scoring of polysomnographic recordings according to standardized criteria.

5/02-9/05
Polysomnographic Data Analyst, Clinilabs.com, Inc. 1090 Amsterdam Ave., NYC, NY
Scoring of polysomnographic recordings according to standardized criteria.

Work Experience, con't

3/88-6/97

Technical Director, Winthrop-University Hospital, Sleep Disorders Center, Mineola, NY

Overall technical management of an Accredited 4 bed Full Service Sleep Disorders Center. Administering the information systems for the department of Pulmonary and Critical Care Medicine.

6/86-3/88

Chief Tech, Sleep-Wake Disorders Center, NY Hospital-Cornell Med. Ctr, White Plains, NY

Provided oversight of all technical duties for a 3 bed ASDA Accredited Sleep Disorders Center, performing standard polysomnography in a clinical patient population. Responsibilities included: patient hookup, In-bed procedures, and technical oversight of polysomnograms, morning awakenings, and all scoring of resultant polysomnogram. Compilation of scored data into clinically relevant reports for physician review.

3/84-6/86

Research Technician, Institute of Chronobiology, NY Hospital-Cornell Med. Ctr., White Plains, NY

Monitored subjects in time isolation environments undergoing experimental paradigms researching various circadian rhythms including sleep/wake, blood plasma hormone levels, mental performance. Responsibilities included: taking blood samples in scheduled random intervals, monitoring biological parameters, including temperature, EEG, ECG, Sleep, mental acuity, food intake, and various other parameters. Required working random shift schedules.

Education

State University of .New York
College at Purchase
Major: Psychobiology

Credentials

RPSGT, Registry #474, Board of Registered Polysomnographic Technologists (1990)

Memberships

American Academy of Sleep Medicine

Association of Polysomnographic Technologists

New York State Society of Sleep Medicine

NJ Association of Sleep Technologists

Accomplishments

Inventor of Z-Ratio algorithm for the quantification of sleep/wakefulness in short epochs of EEG.
www.zzzratio.com

Founding/current Secretary, New York State Society of Sleep Medicine www.nysssm.org

Employee of the Month, September 1995, Recognized for selflessness in sharing my technical ability and understanding of computers and technology. www.winthrop.org

As Chairperson of the APT World Wide Web Development Committee I led the design, and implementation of the Web site for the Association of Polysomnographic Technologists (www.aptweb.org), starting in 1996.

First paperless Sleep Disorders Center accredited by the American Academy of Sleep Medicine 1990 (formerly: American Sleep Disorders Association)
http://www.aasmnet.org/Centers.aspx?Center_ID=174840

Publications

Albertario C, Zendell S, Hertz G, Maberino M, Feinsilver S, Comparisons of a Frequency-Based Analysis of EEG (Z-Ratio) and Visual Scoring on the MSLT. *Sleep* 1995;18 (10):836-843

Hertz G, Fast A, Feinsilver SH, Albertario C, Schulman H, Fein AM: Sleep in normal late pregnancy. *Sleep* 1992;15(3):246-251.

Albertario C, Maberino M, Quantification of Sleep/Wake in 2 seconds of EEG, Journal of Polysomnographic Technologists, December 1991

Abstracts

Gillera S, Albertario C, Weinstein M, Groth M. Respiratory Event Related Cardiac Arrhythmias in Patients With Obstructive Sleep Apnea (OSA). *CHEST* 2002; 122 (4): 128S.

Palumbo R, Weinstein MD, Albertario C, Groth ML. CPAP Therapy is Associated with Weight Gain in Patients with OSA. Presented American Thoracic Society May, 2001.

Mehta RM, Alobeidy S, Georgiou N, Albertario C, Groth ML, Weinstein MD. Is a History of Hypothyroidism a Risk Factor For Obstructive Sleep Apnea?, *Sleep Research*, 2001.

Mehta RM, Robinson K, Albertario C, Groth M, Pollack S, Weinstein MD. Rapid Eye Movement-Specific Obstructive Sleep Apnea: A Demographically and Clinically Distinct Subset of Patients with Sleep-Disordered Breathing. *Sleep* 2000; 23:A78.

Hornig J, Albertario C, Weinstein M, Groth M. Nocturnal Polysomnography for OSA. Are Split Night Studies Adequate?" (Presented March, 1998 at 12th Annual Northeastern Sleep Society Meeting).

Coletta F, Albertario C, Feinsilver S. Initiation of CPAP with a split night protocol decreases patient compliance. *Sleep Research*. 1996; 25:303.

S. Feinsilver, A. Rosenblum, G. Hertz, C. Albertario: CPAP Patients several Years After Initiating Treatment.. *Sleep Research* 1995:230 Presented at the 1995 APSS National Meeting. Nashville, Tenn.

Albertario C, Zendell S, Hertz G, Maberino M, Feinsilver SH, Comparisons of Z-ratio and standard scoring techniques for sleep/wake determination on the MSLT. *Sleep Research*: 1992:21; 328

Feinsilver SH, Hertz G, Albertario C, Fast A, Fein AM, Oxygen desaturation and disordered breathing during sleep in pregnancy. *Sleep Research*, 1991:20;378. Presented at 1991 APSS National Meeting in Toronto, CA.

Hertz G, Cataletto M, Feinsilver SH, Angulo M, Albertario C, Sleep and breathing of adult patients with Prader-Willi Syndrome. Presented at Prader-Willi Syndrome and other Chromosome 15q Deletion Disorders, May 2-3 1991 in the Netherlands.

Albertario C, Hertz G, Feinsilver SH, Computerized quantification of sleep and wakefulness in the EEG. *Sleep Research* 1991:20A;484, Presented at the Founding Congress of the World Federation of Sleep Research Societies, Cannes, France 1991.

Feinsilver SH, Hertz G, Albertario C, Fein AM, Improvement of obstructive sleep apnea with use of a hyper-extending "anti-snore" pillow. *Am Rev Resp. Dis.* 1990:141;A153. Presented at Annual Meeting American Thoracic Society, Boston, MA May 1990.

Hertz G, Feinsilver SH, Albertario C, Fein AM, Self reported sleep disturbances in obesity. *Sleep Research*, 1989:18; 336.

Letters to the Editor

Weinstein MD, Albertario CL. "Cardiac Asystole and Bradycardia as a Manifestation of Left Temporal Lobe Complex Partial Seizure"(letter). *Ann Intern Med.* 2000;132:165.

Research Grant Participation

Cephalon, Inc: "A Nine-Week Placebo-Controlled, Double-Blind, Randomized, Parallel-Group Study of the Safety and Efficacy of Two Fixed Doses (200 mg, 400 mg) of Oral Modafinil in Patients with Narcolepsy Followed By a 2-Week Discontinuation Segment, Followed by a 40-Week, Open-Label, Flexible-Fixed Dose Continuation Study" Protocol No. 94060, #C1538A/302/NA/US (1998)

Presentations

2006, "OpenXDF: Discussion on an XML-Based Open File Format for PSG", Workshop to Develop Guidelines for Electronic Interchange of Polysomnography Data, Philadelphia, PA. <http://www.physionet.org/npsg-standards/>

2005, "Zomnography, An Online Metric Of Sleep/Wake Using the Unitary Measure Z-Ratio", World Association of Sleep Medicine, Berlin, Germany
http://www.zzzratio.com/Z-Ratio_Presentation.pps

1996, "Z-Ratio as a means to quantifying sleep", Computer Applications Special Interest Group workshop, National APT Meeting, Washington, DC.

1995, "Electrode Application Techniques" (Workshop-chair), National APT Meeting Nashville, Tenn.

1994, "Comparisons of Z-ratio and standard scoring techniques for sleep/wake determination on the MSLT," National APT Meeting, Boston, Mass.

1992, "Computerized quantification of sleep and wakefulness in the EEG," National APSS Meeting, Phoenix, Ariz.