
Claude L. Albertario, RPSGT, RST

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Professional Experience

7/11-Present

Scorer and Overnight Sleep Technologist, ENT and Allergy Associates, LLP, Night and Day Sleep Services, Tarrytown, NY

Provide on-site scoring services and performance of over-night polysomnography.

6/99-3/11

Associate Director, Sleep Disorders Center Winthrop-University Hospital, Garden City, NY

Administration of all aspects of a Sleep Center operation including cost control and responsibility to budget restraints, management of staff personnel and technical training of fellows. Responsible for the design and oversight of the build of a \$3 million, NYS Department of Health ("Article 28"), AASM Accredited, Joint Commission accredited, 8 bed Sleep Disorders Center. Ensured center was in compliance with any and all applicable accreditation standards, and state and federal regulatory guidelines.

- ☉ Realized monthly billings in excess of \$1.6 M, effectively doubling billings over previous year.
- ☉ Designed patient chart flow, ensuring that all documentation is maintained in a complete, organized HIPAA compliant manner.
- ☉ Designed and implemented processes for entering information into facility's information systems, and the HL7 interface between systems thus acting as a liaison between Information Technology department and the Sleep Disorders Center.
- ☉ Responsible for benchmarking operations' timings and reporting of such on a weekly, monthly and quarterly basis thru weekly, monthly & quarterly reports (QA, benchmarking, volumes and clinical chart review.) Reduced delays in scheduling by 50%, scoring and interpretation by 75%.
- ☉ Responsible for implementation of the Quality Assurance Program and developing plans for their improvement, thus reducing patient complaints and improving continuity of care.
- ☉ Developed and implementing new Policies and Procedures per hospital and AASM guidelines.
- ☉ Designed and implemented electronic PDF workflow solutions realizing significant cost savings though clerical FTE reduction, paper use reduction, and equipment cross use.
- ☉ Designed centralized patient status lighting scheme to indicate patient in-lab status thus increasing patient satisfaction and improving staff workflow.
- ☉ Responsible for helping design marketing strategies/programs including: radio spots, magazine ads, literature, questionnaires and brochures.
- ☉ Responsible for all paper forms creation, and developed electronic forms submission schemas providing greater clinical utility and continuity of care while realizing cost reduction by 10%.
- ☉ Created a private FTP digital dictation service by reducing the number of steps to transcription therefore reducing transcription turnaround time by 33%
- ☉ Provided patient education, and developed and led CPAP Support Group, significantly increasing treatment compliance in those patients attending.

- ☉ Responsible for second tier technical support for sleep center through VPN and Remote methods, affording significant reduction in TCO.
- ☉ Created novel in-patient programs for diagnosis of sleep apnea, and treatment of such, within the in-patient hospital population, realizing reported reductions in length of stay.
- ☉ Designed and implemented a center-wide active desktop, HTML based interface, significantly streamlined access and ability to digitally update connectivity to equipment documentation and policy & procedure manuals, including multiple media types.

6/95-6/99

Technical Director, Winthrop-University Hospital, Pulmonary & Critical Care Medicine, Mineola, NY

Oversaw the design and administration of computer systems and client/server environment for 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 reporting paradigms. Overall technical management of an Accredited 4 bed Full Service Sleep Disorders Center. Administered the information systems for the department of Pulmonary & Critical Care Medicine.

5/02-9/05

Polysomnographic Data Analyst, Clinilabs.com, Inc. 1090 Amsterdam Ave., NYC, NY
Scoring of polysomnographic recordings according to standardized criteria.

3/88-6/95

Chief Technologist, Winthrop-University Hospital, Sleep Disorders Center, Mineola, NY
Overall technical management of an Accredited 4 bed Full Service Sleep Disorders Center. Administered the information systems for the department of Pulmonary & Critical Care Medicine.

6/86-3/88

Chief Technician, Sleep-Wake Disorders Center, NY Hospital-Cornell Medical Center, 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

Graduated May 1984, S.U.N.Y. College at Purchase, Major: Psychobiology

Teaching Assistant:

Psychology 101

Physiological Psychology

Experimental Psychology

System and Software Proficiencies

Expert in Compumedics NeXus, Profusion 3, Graef (first user of Graef in U.S.), Embla Rembrandt (first user of REMbrandt in U.S.1997) and DataManager software. Grass Gamma for scoring, Alice 5 for scoring. Expert in Caere Omniform and Fematech Radmin Remote Administrator. Proficient in Microsoft Windows XP and Microsoft Office 2003/2007 products. Expert computer hardware troubleshooting skills.

Credentials

RST, Registry #101, American Board of Sleep Medicine (8/2011) absm.org

RPSGT, Registry #474, Board of Registered Polysomnographic Technologists (6/1990) brpt.org

BLS – Expiration 10/2012

PEARS – Expiration 10/2012

Memberships

American Academy of Sleep Medicine

American Association of Sleep Technologists

New York State Society of Sleep Medicine

Presentations

2010, "Dental Sleep Medicine and Oral Appliance Therapy: From the chair and back", Henry Schein, Inc, Melville, NY

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, Invited lecture: "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, TN.

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.

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

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. (former name of American Association of Sleep Technologists)

First paperless Sleep Disorders Center accredited by the American Academy of Sleep Medicine 1990 (formerly: American Sleep Disorders Association)

http://www.sleepcenters.org/CentersInfo.aspx?Center_ID=174840

Publications

On Editorial Board of: Butkov, N., Lee-Chiong, T., Fundamentals of Sleep Technology 1st Edition 2006 helping edit the "Recognizing and Scoring Recorded Events" chapter.

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

Gilleran 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)
