

CURRICULUM VITAE

Leon Rosenthal, M.D.

Sleep Medicine Associates of Texas
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Education

M.D. 1983 Facultad de Medicina, Universidad Nacional Autónoma de México, CDMX

Certification & Licensure

2017 Board Certified in Sleep Medicine, American Board of Psychiatry and Neurology

2007 Board Certified in Sleep Medicine, American Board of Psychiatry and Neurology

1989 Board Certified in Sleep Disorders Medicine, American Sleep Disorders Association

1988 Board Certified in Psychiatry, American Board of Psychiatry and Neurology

1987 Michigan (renewed until 2005)

1986 Texas

1983 Mexico

Relevant Work Experience

2000-Present Sleep Medicine Associates of Texas, P.A., Dallas, TX

1994-2000 Medical Director, Sleep Disorders & Research Center, Henry Ford Hospital, Detroit, MI

1988-1994 Clinician/Researcher, Sleep Disorders & Research Center, Henry Ford Hospital, Detroit, MI

1987-1988 Fellowship in Sleep Disorders Medicine, Henry Ford Hospital, Detroit, MI

1984-1987 Residency: Psychiatry, University of Texas Southwestern Medical Center at Dallas, TX

1983-1984 Internship: University of Texas Southwestern Medical Center at Dallas, Dallas, TX

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Committee Memberships

- 2016-2017 Member, WASM International Scientific Committee – World Congress on Sleep Medicine Prague, Czech Republic (October 7-11, 2017)
- 2014-2015 Member, WASM International Scientific Committee – World Congress on Sleep Medicine Seoul, Korea (March 21 – 25, 2015)
- 2012-2013 Member, WASM International Scientific Committee – World Congress on Sleep Medicine Valencia, Spain (Sept 28 – Oct 2, 2013)
- 2005-2008 Member, Education Committee, American Academy of Sleep Medicine (AASM)
Chair, Mini-Fellowship program for International Graduates of the AASM
- 2004-2005 Chairman, International Affairs Committee, American Academy of Sleep Medicine
- 2003-2008 Member, Institutional Review Board (IRB), Presbyterian Hospital of Dallas, Dallas, TX
- 2002-2004 Member, International Affairs Committee, American Academy of Sleep Medicine
- 2000-2001 Member, Health Policy Committee, American Academy of Sleep Medicine
- 1995-2000 Education Council, Department of Psychiatry, Henry Ford Hospital, Detroit, MI
- 1991-1994 Member, Institutional Review Board (IRB), Henry Ford Hospital, Detroit, MI

Elected Offices

- 1996-1998 Vice President, Latin American Sleep Society
- 1995-1997 Publications Chair, Sleep Research Society

Other Activities

- 2007-2009 Chief-Editor
Avances de la Medicina del Sueño en Latinoamerica
- 2003 Faculty, 2nd Annual Mini Fellowship Program for International Scholars of the AASM
- 2000 Certificate in Medical Management
The Alliance for Medical Management Education
The University of Texas Southwestern Medical Center at Dallas
The University of Texas at Dallas School of Management
- 1996-1998 Publications Committee, Latin American Sleep Society

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1996-1997 Member, Sleep Research Society/American Sleep Disorders Association Program-Committee

1995-2000 Adjunct Associate Professor, Wayne State University School of Medicine, Detroit, MI

Memberships in Professional Societies

Academia Mexicana de Medicina del Dormir, AC – Miembro Honorario 2012

American Academy of Sleep Medicine

Biological Psychiatry

Texas Medical Association

World Association of Sleep Medicine

PUBLICATIONS (PEER REVIEWED PAPERS)

1. Rosenthal L, Roehrs T, Sicklesteel J, Zorick F, Wittig RM, and Roth T: Periodic movements during sleep, sleep fragmentation, and sleep-wake complaints. *Sleep* 7 (4): 326-330, 1984.
2. Rosenthal LD, Merlotti L, Young DK, Zorick FJ, Wittig RM, Roehrs TA, and Roth T: Subjective and polysomnographic characteristics of patients diagnosed with narcolepsy. *Gen Hosp Psych* 12: 191-197, 1990.
3. Rosenthal LD, Zorick FJ, Merlotti L, Wittig RM, Roehrs TA, and Roth T: Signs and symptoms associated with cataplexy in narcolepsy patients. *Biol Psych* 27: 1057-1060, 1990.
4. Rosenthal L, Roehrs TA, Zwyghuizen-Doorenbos A, Plath D, and Roth T: Alerting effects of caffeine after normal and restricted sleep. *Neuropsychopharmacology* 4(2): 103-108; 1991.
5. Rosenthal L, Roehrs TA, Hayashi H, Zorick FJ, Wittig RM, Rosenthal J, and Roth T: HLA DR2 in narcolepsy with sleep-onset REM periods but not cataplexy. *Biol Psych* 30: 830-836, 1991.
6. Rosenthal L, Merlotti L, Roehrs TA, and Roth T: Enforced 24-hour recovery following sleep deprivation. *Sleep* 14 (5): 448-453, 1991.
7. Rosenthal L, Roehrs TA, Rosen A, and Roth T: Level of sleepiness and total sleep time following various time in bed conditions. *Sleep* 16 (3): 226-232, 1993.
8. Rosenthal L, Roehrs TA, and Roth T: The sleep-wake activity inventory: a self-report measure of daytime sleepiness. *Biol Psych* 34: 810-820, 1993.
9. Roehrs T, Merlotti L, Rosenthal L, and Roth T: Benzodiazepine associated reversal of the effects of experimental sleep fragmentation. *Human Psychopharmacology* 8: 351-356; 1993.
10. Rosenthal L, Folkerts M, Roehrs T, Zorick F, Roth T: Sleepiness and sleep onset REM periods in the absence of clinical symptomatology: *Biol Psych* 36: 341-343, 1994.
11. Mickelson SA, Rosenthal L, Rock JP, Senior BA, and Friduss ME: Obstructive sleep apnea syndrome and acromegaly. *Otolaryngol. Head Neck Surgery* 111: 25-30; 1994.

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12. Roehrs T, Merlotti L, Halpin D, Rosenthal L, Roth T: Effects on theophylline and nocturnal sleep and daytime sleepiness/alertness. *Chest* 108 (2): 382-387; 1995.
13. Breslau N, Roth T, Rosenthal L, Andreski P: Sleep disturbance and psychiatric disorders: a longitudinal epidemiological study of young adults. *Biol Psych* 39(6) 411-418, 1996.
14. Rosenthal L, Bishop C, Helmus T, Krstevska S, Roehrs T, Roth T: Auditory awakening thresholds in sleepy and alert individuals. *Sleep* 19 (4): 290-5, 1996.
15. Folkerts M, Rosenthal L, Roehrs T, Krstevska S, Murlidhar A, Zorick F, Wittig F, Roth T: The reliability of the diagnostic features in patients with narcolepsy. *Biol Psych* 40: 208-14, 1996.
16. Roehrs T, Salin-Pascual, R, Merlotti L, Rosenthal L, Roth T: Phase advance in moderately sleepy and alert normals. *Sleep* 19 (5): 417-422, 1996.
17. Helmus T, Rosenthal L, Bishop C, Roehrs T, Krstevska, Roth T: Nocturnal sleep latencies among alert, alert-deprived and sleepy Subjects. *Electroencephalography and Clinical Neurophysiology* 99: 10-15, 1996.
18. Roehrs T, Shore E, Papineau K, Rosenthal L, Roth T: A two-week sleep extension in sleepy normals. *Sleep* 19 (7): 576-582, 1996.
19. Roehrs T, Pedrosi Bonita, Rosenthal L, Roth T: Hypnotic self-administration and dose escalation. *Psychopharmacology* 127: 150-154, 1996.
20. Bishop C, Rosenthal L, Helmus T, Roehrs T, Roth T: The frequency of multiple sleep onset REM periods among subjects with no excessive daytime sleepiness. *Sleep* 19 (9): 727-730, 1996.
21. Chagoya V, Hernandez-Munoz R, Suarez J, Vidrio S, Yanez L, Aguilar-Roblero R, Oksenberg A, Vega-Gonzalez A, Villalobos L, Rosenthal L, Fernandez-Cancino F, Drucker-Colin R, Diaz-Munoz M: Temporal variations of adenosine metabolism in human blood. *Chronobiology International* 13(3): 163-177, 1996.
22. Mickelson S, Rosenthal L: Closure of permanent tracheostomy in patients with sleep apnea: a comparison of two techniques. *Otolaryngol Head Neck Surg* 116: 36-40, 1997.
23. Valencia-Flores M, Rosenthal L, Castano V, Campos R, Vergara P, Resendiz M, Aguilar J, Aguilar-Roblero R, Bliwise D: A factor replication of the sleep-wake activity inventory (SWAI) in a Mexican population. *Sleep* 20: 111-114, 1997.
24. Rosenthal L, Bishop C, Guido P, Syron ML, Helmus T, Rice M, Roth T: The sleep/wake habits of patients diagnosed as having obstructive sleep apnea. *Chest* 111: 1494-99, 1997.
25. Helmus T, Rosenthal L, Bishop C, Roehrs T, Syron ML, Roth T: The alerting effects of short and long naps in narcoleptic, sleep-deprived, and alert individuals. *Sleep* 20 (4): 251-257, 1997.
26. Breslau N, Roth T, Rosenthal L, Andreski P: Daytime sleepiness: an epidemiological study of young adults. *American Journal of Public Health* 87 (10): 1649-1653; 1997.

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27. Roth T, Roehrs T, Koshorek G, Greenblatt D, Rosenthal L: Hypnotic effects of low doses of Quazepam in older insomniacs. *Journal of Clinical Psychopharmacology* 17 (5): 401-406, 1997.
28. Bishop C, Roehrs T, Rosenthal L, Roth T: Alerting effects of methylphenidate under basal and sleep-deprived conditions. *Experimental and Clinical Psychopharmacology* 5 (4): 344-352, 1997.
29. Roehrs T, Pedrosi B, Rosenthal L, Zorick F, Roth T: Hypnotic Self Administration: forced-choice versus single-choice. *Psychopharmacology* 133: 121-126, 1997.
30. Mickelson SA, Rosenthal L: Midline glossectomy and epiglottidectomy for obstructive sleep apnea. *Laryngoscope* 107(5): 614-9, 1997.
31. Valencia-Flores M, Castano V, Campos R, Rosenthal L, Resendiz M, Vergara P, Aguilar-Roblero R, Ramos GG, Bliwise D: The siesta culture concept is not supported by the sleep habits of urban Mexican students. *Journal of Sleep Research* 7: 21-29, 1998.
32. Papineau K, Roehrs T, Petrucelli N, Rosenthal L, Roth T: Electrophysiological assessment (The multiple sleep latency test) of the biphasic effects of ethanol in humans. *Alcoholism: Clinical and Experimental Research* 22 (1): 231-235, 1998.
33. Bishop C, Rosenthal L, Folkerts M, Nykamp K, Helmus T, Guido P, Syron ML, Roehrs T, Rice M, Roth T: The perception of sleep as a function of the level of daytime sleepiness among patients with obstructive sleep apnea. *Comprehensive Psychiatry* 39(5): 312-317, 1998.
34. Nykamp K, Rosenthal L, Folkerts M, Roehrs T, Guido P, Roth T: The effects of REM sleep deprivation on the level of sleepiness/alertness. *Sleep* 21 (6): 609-616, 1998.
35. Rosenthal L, Nykamp K, Guido P, Syron ML, Day R, Rice M, Roth T: Daytime CPAP titration – a viable alternative for patients with severe obstructive sleep apnea. *Chest* 114: 1056-1060, 1998.
36. Roehrs T, Papineau K, Rosenthal L, Roth T: Ethanol as a hypnotic in insomniacs: self-administration and effects of sleep and mood. *Neuropsychopharmacology* 20:3, 279-286, 1999.
37. Johnson E, Breslau N, Roth T, Roehrs T, Rosenthal L: Psychometric evaluation of daytime sleepiness and nocturnal sleep onset scales in a representative community sample. *Biol Psych* 45: 764-770, 1999.
38. Roehrs T, Papineau K, Rosenthal L, Roth T: Sleepiness and the reinforcing and subjective effects of methylphenidate. *Experimental and Clinical Psychopharmacology* 7(2): 145-150, 1999.
39. Diaz-Munoz M, Hernandez-Munoz R, Suarez J, Vidrio S, Yanez L, Aguilar-Roblero R, Oksenberg A, Rosenthal L, Billalobos L, Fernandez-Cancino F, Drucker-Colin R, de Sanchez V: Correlation between blood adenosine metabolism and sleep in humans. *Sleep Research Online* 2 (2): 33-41, 1999.
40. Rosenthal L, Nykamp K, Day R, Syron ML, Roehrs T, Fortier J, Roth T: The detection of brief daytime sleep episodes. *Sleep* 22 (2): 211-214, 1999.
41. Nykamp K, Rosenthal L, Helmus T, Gerhardstein R, Day R, Roehrs T, Syron ML, Roth T: Repeated nocturnal sleep latencies in narcoleptic, sleepy, and alert subjects. *Electroencephalography and Clinical Neurophysiology* 110: 1531-1534, 1999.

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42. Mickelson S, Lian T, Rosenthal L: Thyroid testing and thyroid hormone replacement in patients with sleep disordered breathing. *ENT-Ear, Nose & Throat Journal* 78 (10): 768-775, 1999.
43. Rosenthal L, Gerhardstein R, Lumley A, Guido P, Day R, Syron ML, Roth T: CPAP therapy in patients with mild OSA: implementation and treatment outcome. *Sleep Medicine* 1 (3): 215-220, 2000.
44. Senior B, Rosenthal L, Lumley A, Gerhardstein R, Day R: Efficacy of uvulopalatopharyngoplasty in unselected patients with mild obstructive sleep apnea. *Otolaryngol Head Neck Surg* 123 (3): 179-182, 2000.
45. Drake C, Rice M, Roehrs T, Rosenthal L, Guido P, Roth T: Scoring reliability of the multiple sleep latency test in a clinical population. *Sleep* 23 (7): 911-914, 2000.
46. Day R, Guido P, Helmus T, Fortier J, Roth T, Koshorek G, Rosenthal L: Self-reported levels of sleepiness among subjects with insomnia. *Sleep Medicine* 2 (2): 153-157, 2001.
47. Rosenthal L, Day R, Gerhardstein R, Meixner R, Roth T, Guido P, Fortier J: Sleepiness/alertness among healthy evening and morning type individuals. *Sleep Medicine* 3 (2): 243-248, 2001.
48. Roehrs T, Rosenthal L, Koshorek G, Mangano RM, Roth T: Effets of Zaleplon or Triazolam with or without ethanol on human performance. *Sleep Medicine* 2 (4): 323-332, 2001.
49. Roehrs T, Bonahoom A, Pedrosi B, Rosenthal L, Roth T: Treatment regimen and hypnotic self-administration. *Psychopharmacology* 155 (1): 11-17, 2001.
50. Senior B, Khan M, Schwimmer C, Rosenthal L and Benninger M; Gastroesophageal Reflux and Obstructive Sleep Apnea. *Laryngoscope* 111 (12): 2144-2146, 2001.
51. Roehrs T, Bonahoom A, Pedrosi B, Rosenthal L, Roth T: Disturbed sleep predicts hypnotic self-administration. *Sleep Medicine* 3 (1): 61-66, 2002.
52. Richardson GS, Roehrs TA, Rosenthal L, Koshorek G, Roth T: Tolerance to daytime sedative effects of H1 antihistamines. *J Clin Psychopharmacol* 22 (5): 511-515, 2002.
53. Meixner R, Gerhardstein R, Day R, Nykamp K, Syron ML, Rosenthal L: The alerting effects of dexamethasone. *Psychophysiology* 40: 254-259, 2003.
54. Rosenthal L, Meixner R: Psychological status and levels of sleepiness-alertness among patients with insomnia. *CNS Spectrums* 8 (2): 114-118, 2003.
55. Rosenthal L, Dolan DC: The Epworth Sleepiness Scale in the Identification of Obstructive Sleep Apnea. *Journal of Nervous and Mental Disease* 196 (5): 429-431, 2008.
56. Rosenthal L, Dolan DC, Taylor DJ, Grieser E: Long-term follow-up study of insomnia patients. *Proc (Bayl Univ Med Cent)* 21 (3): 264-265, 2008.
57. Henry, D., D. McClellan, L. Rosenthal, D. Dedrick, and M. Gosdin: Is sleep really for sissies? Understanding the role of work in insomnia in the U.S. *Social Science and Medicine* 66 (3): 715-726, 2008.

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58. Rosenthal L, Dolan DC, Okonkwo R, Gfullner F, Hansbrough JR, Strobel RJ: Longitudinal comparison study of pressure relief (c-flex) versus CPAP in OSA patients. *Sleep Breath* 13: 73-77, 2009.
59. Dolan DC, Taylor DJ, Okonkwo R, Becker PM, Jamieson AO, Schmidt-Nowara W, Rosenthal LD: The Time of Day Sleepiness Scale to assess differential levels of sleepiness across the day. *J Psychosom Res.* 67 (2):127-33, 2009.
60. Rosenthal LD, Massie CA, Dolan DC, Loomas B, Kram J and Hart RW: A Multicenter, Prospective Study of a Novel Nasal EPAP Device in the Treatment of Obstructive Sleep Apnea: Efficacy and 30-Day Adherence. *J Clin Sleep Med* 5(6): 532-537, 2009.
61. Dolan DC, Taylor DJ, Bramoweth AD and Rosenthal LD: Cognitive-behavioral therapy of insomnia: A clinical case series study of patients with co-morbid disorders and using hypnotic medications. *Behaviour Research and Therapy* 48 (4): 321-327, 2010.
62. Prospero-Garcia O, Mendez-Diaz M, Ruiz-Contreras AE, Alvarado-Capuleno I and Rosenthal L: Insomnio, Estrés y Canabinoides. *Salud Mental* 34 (3): 211-218, 2011.
63. Roane BM, Dolan DC, Bramoweth AD, Rosenthal L and Taylor DJ: Altering Unhelpful Beliefs about Sleep with Behavioral and Cognitive Therapies. *Cognitive Therapy and Research* 36 (2):129-133, 2012.
64. Henry D, Rosenthal L: "Listening for his breath" The significance of gender and partner reporting on the diagnosis, management, and treatment of obstructive sleep apnea. *Social Science & Medicine.* 79:48-56, 2013.
65. Henry D, Rosenthal L, Dedrick D & Taylor D: Understanding Patient Responses to Insomnia. *Behavioral Sleep Medicine*, 11:40–55, 2013.

PUBLICATIONS (*EDITORIALS, LETTERS and INVITED PAPERS*)

1. Garcia E, Rosenthal L, and Baez-Villasenor J: Monografía sobre la enfermedad de graves-basedow. *Revista de la Facultad de Medicina, UNAM, Mexico.* Vol XXIII. Año 23, No3, pp 23-34, 1981.

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2. Roth T, Roehrs TA, Stepanski EJ, and Rosenthal L: Hypnotics and behavior. In: Critical Issues in the Management of Insomnia: Investigators Report on Estazolam. The American J of Medicine 88 (3A): 43S-46S, 1990.
3. Rosenthal L: Evaluation clinica de pacientes con somnolencia excesiva diurna. Psiquis, Mexico, Vol 1(5): 11-16, 1992.
4. Rosenthal L, Folkerts M, & Roth T: Estudios polisomnograficos en pacientes con hipertiroidismo. In: Vigilia-Sueño Num 4, pp 8-10, 1993.
5. Roth T, Roehrs T, & Rosenthal L: Hypersomnolence and neurocognitive performance in sleep apnea. Curr Opin Pulm Med 1(6): 488-90, 1995.
6. Rosenthal L, Bishop C, Helmus T, Roehrs T, Roth T: Letter to the Editor - Response to Rye and Bliwise. Sleep 20(9): 814, 1997.
7. Day R, Gerhardstein R, Lumley A, Roth T, Rosenthal L: The behavioral morbidity of obstructive sleep apnea. Progress in Cardiovascular Diseases 41 (5): 341-354, 1999.
8. Gerhardstein R, Day R, Rosenthal L: Narcolepsy and other causes of excessive daytime sleepiness. Respiratory Care Clinics of North America 5(3): 427-446, 1999.
9. Rosenthal L: The results of CPAP therapy under two adherence schedules. Sleep Review 1 (1): 29-31, 2000.
10. Rosenthal L: Candidates for split-night protocols. Sleep Review 2 (1): 34-37, 2001.
11. Rosenthal L: The Narcoleptic Spectrum. Sleep Review 5 (4): 2003.
12. Rosenthal L: Excessive daytime sleepiness: from an unknown medical condition to a known public health risk. Sleep Medicine Vol 6 (6): 485-486, 2005.
13. Rosenthal L: Trastornos del Dormir. REV Invest Clin; 62(1): 91-92, 2010.
14. Rosenthal L: Commentary on: "A multicenter, prospective study of a novel nasal EPAP device in the treatment of obstructive sleep apnea: efficacy and 30 - day adherence" (Rosenthal L, Massie CA, Dolan DC, Loomas B, Kram J, Hart RW. J Clin Sleep Med. 2009 Dec 15; 5(6):532 - 7). Ed: Teofilo Lee-Chiong; 2011. In: Best of Sleep Medicine: 85-87, 2011.
15. Rosenthal L: Got CPAP? Use it in the hospital! Editorial (Invited): Sleep Breath: 16:945-946 (2012).

CHAPTERS

1. Oksenberg A, Aguilar-Roblero R, Rosenthal L: Drucker-Colin R.R.: Medicamentos Hipnoticos y Sedantes. In: Farmacologia Medica. Rodriguez R (Ed). Editorial Trillas, Mexico, 1987.
2. Rosenthal L: Electrocardiogram. In: Carskadon MA, Rechtschaffen A, Richardson G, Roth T, Siegel JM (Eds). Encyclopedia of Sleep and Dreaming. MacMillan, New York, p 204, 1993.
3. Rosenthal L: Narcolepsy. In: Carskadon MA, Rechtschaffen A, Richardson G, Roth T, Siegel JM (Eds). Encyclopedia of Sleep and Dreaming. MacMillan, New York, pp 395-399, 1993.
4. Rosenthal L: Over-the-Counter Sleeping Pills. In: Carskadon MA, Rechtschaffen A, Richardson G, Roth T, Siegel JM (Eds). Encyclopedia of Sleep and Dreaming. MacMillan, New York, pp 425-426, 1993.
5. Rosenthal L: Over-the-Counter Stimulants. In: Carskadon MA, Rechtschaffen A, Richardson G, Roth T, Siegel JM (Eds). Encyclopedia of Sleep and Dreaming. MacMillan, New York, pp 426-427, 1993.
6. Rosenthal L: Sleep Attacks. In: Carskadon MA, Rechtschaffen A, Richardson G, Roth T, Siegel JM (Eds). Encyclopedia of Sleep and Dreaming. MacMillan, New York, p 545, 1993.
7. Roth T, Roehrs T, and Rosenthal L: Measurement of Sleepiness/Alertness: Multiple Sleep Latency Test. In: Sleep Disorders Medicine: Basic Science, Technical Considerations, and Clinical Aspects. (Ed) S Chokroverty. Butterworth-Heinemann, Stoneham, MA, pp 133-140, 1994.
8. Roth T, Roehrs TA, and Rosenthal L: Normative and Pathological Aspects of Daytime Sleepiness. In: American Psychiatric Press Review of Psychiatry, Vol 13. (Eds) JM Oldham and MB Riba. American Psychiatric Press, Washington, DC, pp 707-728, 1994.
9. Roth T, Roehrs TA, and Rosenthal: Hypersomnolence and neurocognitive performance in sleep apnea. In: Pulmonary Medicine, Vol 1. Rapid Science Publishers, pp 488-490, 1995.
10. Helmus T, Rosenthal L, Torner C, Roth T: Sono Electroencefalografico Na Esquizofrenia In: Sono: Estudo Abrangente-Rubens Reimao (Ed) - 2a edicao-Editora Atheneu. Brazil, pp 264-271, 1996.
11. Roth T, Roehrs T, Rosenthal L: Daytime Sleepiness in Normals: Individual Differences in Sleep Need Not Ability to Fall Asleep. In: Sleep and Sleep Disorders: From Molecule to Behavior, Academic Press, pp 163-175, 1997.
12. Valencia-Flores M, Rosenthal L, Castaño VA, Campos RM, Resendiz M, Aguilar J, Vergara P, Aguilar-Roblero R. Desarrollo de un instrumento válido para la medición de somnolencia diurna en la población mexicana. In: Velázquez Moctezuma J. (ed.). Medicina del sueño. Aspectos básicos y Clínicos. México D.F: UAM, 1997:442-445.
13. Roth T, Roehrs T, Rosenthal L: Measurement of Sleepiness and Alertness: Multiple Sleep Latency Test. In: Sleep Disorders Medicine, Butterworth-Heinemann, pp 223-229, 1999.
14. Rosenthal L (section editor): Normal Sleep and Its Variants. In: Principles and Practice of Sleep Medicine. (Eds) Kryger M, Roth T, Dement W. 3rd ed. WB Saunders Company, 2000.

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15. Rosenthal L & Meixner R: Sleep Deprivation. In: Sleep Medicine. (Eds) Lee-Chiong TL, Jr., Sateia MJ, Carskadon MA. Hanley & Belfus, Inc., pp 85-92, 2002.
16. Rosenthal L: Physiologic Processes during Sleep. In: Sleep: A Comprehensive Handbook. (Ed) Lee-Chiong T. John Wiley & Sons Inc., pp19-24, 2005.
17. Dolan DC, & Rosenthal L: Subjective Evaluation of Sleepiness. In: Textbook of Polysomnography. (Eds) L. Shigley, M. Jones-Parker, & T. Lee-Chiong. Lippincott, Williams, & Williams, pp 419-426, 2007.
18. Rosenthal L & Dolan DC: Excessive Daytime Sleepiness Secondary to Obstructive Sleep Apnea and Periodic Limb Movement Disorder. In: Casebook of Sleep Medicine. (Ed) T. Lee-Chiong. Westchester, IL: American Academy of Sleep Medicine, pp 90-93, 2008.
19. Rosenthal L: Physiologic Processes during Sleep. In: Sleep Medicine Essentials. Ed: Teofilo L. Lee-Chiong. Wiley-Blackwell (John Wiley & Sons), pp 11-14, 2009.
20. Teofilo Lee-Chiong, W. David Brown, John Harrington, Max Hirshkowitz, James M. Parish, Leon Rosenthal, Françoise J. Roax, Daniel R. Smith and Sheila Tsai: Focus on Sleep Medicine -A self-Assessment- Lippincott, Williams & Wilkins 2009.
21. Rosenthal L: Farmacología. In: Trastornos del Dormir (Segunda Edición). Eds: Matilde Valencia Flores; José Rogelio Pérez Padilla; Rafael J. Salin Pascual; Sonia Meza Vargas. Universidad Nacional de México, McGraw Hill México. pp 733-752, 2009.
22. Rosenthal L: Insomnio Crónico. In: Tratado de Medicina del Sueño. Sociedad Española de Sueño. Editorial Médica Panamericana. pp 320-325, 2015.

ABSTRACTS

1. Lugo L, Aguilar R, Rosenthal L, Drucker-Colin R: Persistencia de Sueño MOR por Lesiones con Acido Kainico del Campo Tegmental Pontino. Boletin de Estudios Medicos y Biologicos. Vol 31, 1980.
2. de Sanchez VC, Hernandez-Munoz R, Diaz-Munoz M, Suarez J, Vidrio S, Yanez L, Oksenberg A, Villalobos L, Rosenthal L, Fernandez-Cancino F, and Drucker-Colin: Circadian variations of adenine nucleotides, adenosine and its metabolizing enzymes in the human blood. 4th Intn'l Congress of Sleep Research, p 254, Presented: Bologna, Italy, 1983.
3. Rosenthal L, Roehrs T, Sicklesteel J, Zorick F, Wittig RM, and Roth T: Periodic leg movements, sleep fragmentation and sleep-wake complaints. Sleep Research 12: 279, 1983.
4. de Sanchez VC, Hernandez-Munoz R, Diaz-Munoz M, Suarez J, Vidrio S, Yanez L, Oksenberg A, Villalobos L, Rosenthal L, Fernandez-Cancino F, and Drucker-Colin R: Correlation of the sleep-wake cycle with nocturnal variations of adenine nucleotides, adenosine and its metabolizing enzymes in human blood. 4th Intn'l Congress of Sleep Research, p 256, Presented: Bologna, Italy, 1983.
5. Roth T, Roehrs T, Rosenthal L, and Zorick F: Sleep-wake function and age. Psychogeriatrics 12:69, Dec. 1988.
6. Rosenthal L, Moyles T, Zorick F, Conway W, Sicklesteel J, and Roth T: Hypoxemia and sleep fragmentation in sleep apnea. Sleep Research 17: 241, 1988.
7. Zorick F, Merlotti L, Conway W, Fujita S, Rosenthal L, and Roth T: Patient response to various treatments for sleep apnea. Sleep Research 17: 270, 1988.
8. Browman CP, Winslow DH, Starz KE, Roehrs TA, Harris AE, Rosenthal LD, and Roth T: Effects of triazolam, a new formulation of triazolam, and placebo on the sleep of patients with chronic insomnia. Sleep Research 18: 48, 1989.
9. Roehrs TA, Merlotti L, Rosenthal LD, Zorick FJ, Fortier J, and Roth T: Benzodiazepine self administration in insomnia. Sleep Research 18: 70, 1989.
10. Rosenthal LD, Zorick FJ, Merlotti L, Wittig RM, Roehrs TA, and Roth T: Signs and symptoms associated with cataplexy in narcolepsy patients. Sleep Research 18: 298, 1989.
11. Zorick F, Potts G, Wittig R, Roehrs T, Rosenthal L, and Roth T: A comparative trial of CPAP and UPPP in alleviating daytime sleepiness in sleep apnea patients. Sleep Research 18:325, 1989.
12. Rosenthal LD, Roehrs TA, Hayashi H, Jasti R, Wittig RM, Zorick FJ, and Roth T: HLA typing in narcolepsy without cataplexy. Sleep Research 19: 275, 1990.
13. Zorick FJ, Roehrs TA, Rosenthal LD, Potts G, Conway WA, Wittig RM, and Roth T: Natural course of sleep apnea: a preliminary report. Sleep Research 19: 312, 1990.
14. Rosenthal LD, Roehrs TA, Merlotti L, Lamphere J, and Roth T: Enforced 24-hour recovery sleep following sleep deprivation. Sleep Research 19: 355, 1990.

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