

American Academy of Sleep Medicine
American Society for Bariatric Surgery

BOARD CERTIFICATION.....Diplomate of the National Board
of Medical Examiners 1980
Internal Medicine 9/15/1982
Pulmonary Disease 1984
Sleep Medicine 4/29/1991

LICENSURE.....036-061408

HOSPITAL STAFF MEMBERSHIP.....Alexian Brothers Medical Center
800 W. Biesterfield Road
Elk Grove Village, IL 60007

Central DuPage Hospital
25 North Winfield Road
Winfield, IL 60190

St. Alexius Medical Center
1555 North Barrington Road
Hoffman Estates, IL 60194

Hinsdale Hospital
120 N. Oak Street
Hinsdale, IL 60521

HOSPITAL APPOINTMENTS.....Medical Director
Sleep Laboratory
Alexian Brothers Medical Center

Medical Director
Center for Sleep Health
Central DuPage Hospital

Associate Medical Director
Respiratory Therapy
Central DuPage Hospital
1995 – 2000

Member, Anticoagulation Oversight Committee
Alexian Brothers Medical Center
2002 - present

Member, Clinical Resource Management
Strategy Team
Alexian Brothers Medical Center
2001 – 2002

Member, Subcommittee Medical Staff Quality

Alexian Brothers Medical Center
2003 – present

Co - Chair, Clinical Guideline Committee
Bariatric Surgery
Alexian Brothers Medical Center
2002 – present

Chair, Pulmonary Embolism
and DVT Guideline Committee
Alexian Brothers Medical Center
2002 - 2003

PROFESSIONAL APPOINTMENTS..... Member, Quality Management Committee
Cigna Healthcare of Illinois
1997 - 2002

Member, Peer Review Committee
Cigna Healthcare of Illinois
1997 - 2002

Member, Pharmacy & Therapeutics Committee
Cigna Healthcare of Illinois
1997 - 2002

Member, Physician Advisory Board
Cigna Healthcare of Illinois
1998 - 2002

Member, Medical and Scientific Advisory Board
InnoMed Technologies
2003 – 2004

Medical Director
Sleep Med Therapies/Digitrace
Hoffman Estates, IL.

Medical Director
Streamwood Center for Sleep Health
Streamwood, IL.

Medical Director
Naperville Center for Sleep Health
Naperville, IL.

Member, Board of Directors
Naperville Center for Sleep Health
Naperville, IL.

LECTURES AND PRESENTATIONS

- 2008
Hospital “Obstructive Sleep Apnea and Diabetes Mellitus” presentation, Central DuPage
Mariott Resort in Oak Brook, IL, Sat September 27th 2008.
- 2008 “ Sleep Apnea and the Diabetes Connection” presentation, American Diabetes
Association; The Chicago ADA Expo Sat, April 12, 2008 at Navy Pier, Festival Hall B
- 2008 “Sleep: It Does a Body Good” presentation, Alexian Brothers Hospital Network at
Stonegate Conference Centre, Hoffman Estates, Illinois; Department of Internal
Medicine of Alexian Brothers Medical Center
- 2005 “DVT Prophylaxis” presentation, St. Alexius Medical Center, Hoffman Estates, Illinois;
Department of Surgery.
- 2005 “Prevention of Venous Thromboembolism” presentation, Alexian Brothers Medical
Center, Elk Grove Village, Illinois- Department of Surgery
- 2004 “Prevention of Venous Thromboembolism” presentation, Alexian Brothers Medical
Center, Elk Grove Village, Illinois-Nursing Grand Rounds.
- 2004 “Sleep Apnea and Anesthesia in Surgical Patients: A Surgeon’s Perspective”
presentation, Alexian Brothers Medical Center, Elk Grove Village, Illinois.
- 2004 “Looking for Best Practice in Bariatric Peri-Operative Care?” presentation, San Diego
Marriott Hotel and Marina, San Diego, California.
- 2002 “Sleep Apnea” presentation, St. Alexius Medical Center Department of Family Practice,
St. Alexius Medical Center, Hoffman Estates, Illinois.
- 2001 “Sleep And The Heart” presentation, Cardiovascular Health, Alexian Brothers Medical
Center, Elk Grove Village, Illinois.
- 2001 Sleep Apnea: Update 2001, Illinois Associations of Family Practice, St. Alexius Medical
Center, Hoffman Estates, Illinois.
- 2000 Sleep Apnea: Update: 2000, Cardiovascular Health and Sleep Apnea, Oakton
Community College, Des Plaines, Illinois.
- 2000 “Sleep And The Heart” presentation, Midwest Heart Specialists, Good Samaritan
Hospital, Downers Grove, Illinois.
- 2000 “Sleep And The Heart” presentation, Illinois Academy of Physicians Assessment Fall
Conference, Nordic Hills Resort, Itasca, Illinois.
- 1999 “Sleep Related Breathing Disorders”, Putting Order to Sleep Disorders Conference,
Rosemont, Illinois.
- 1987 Coordinator, Chest Medicine Conference, Alexian Brothers Medical Center,
Elk Grove Village, Illinois.

- 1986 American College of Chest Physicians, Postgraduate Course “Sleep and The Pulmonologist”.
- 1988 American Sleep Disorders Association Organization and Management of Sleep Disorders Center, Rosemont, Illinois
- 1988 Sleep Disorders and Research Center
Rush-Presbyterian-St. Luke’s Medical Center
“What’s New in Sleep and It’s Disorders” Chicago, Illinois
- 1989 Sleep Disorders Training Course, Sleep Disorders Center of Alabama Baptist Medical Center, Montclair, Birmingham, Alabama

PUBLICATIONS

Hart RW: Obstructive Sleep Apnea in Obese Patients: Proper Diagnosis Could Save Lives. *AARC Times*, 2004; 51-52

Onal E, Burrows DL, Hart RW, Lopata M: Induction of periodic breath during sleep causes upper airway obstruction in humans. *Journal of Applied Physiology*, 1986; 61(5): 1891-5

Massie CA, Hart RW, Peralez K, Richards G. Effects of humidification on nasal symptoms and compliance in sleep apnea patients using continuous positive airway pressure. *Chest* 1999; 116: 403-408.

Massie CA, Hart RW. AutoSet nasal CPAP titration: In-home validation using comprehensive portable polysomnography. *Sleep* 2000: A263.

Massie CA, Hart RW. Preliminary report on the comparison between automatic and manual positive airway pressure therapy in the home using the AutoSet T. *Sleep* 2000; 23: A264.

Hart RW, Massie CA. Predicting obstructive sleep apnea and nocturnal desaturation in patients evaluated for gastric bypass surgery. *Obesity Surgery* 2000; 10:141.

Massie CA, Ahrens SC, Hart RW. Continuous positive airway pressure (CPAP) interface and compliance. *Sleep* 2001;24:A278.

Massie CA, Hart RW, Douglas N. Comparison between automatic and manual continuous positive airway pressure (CPAP) therapy using the AutoSet T. *Am J Respir Crit Care Med* 2002;165:A724.

Massie, CA, McArdle,N, Hart,RW, Schmidt-Nowara WW, Lankford A, Hudgel DW, Gordon, N Douglas NJ. Comparison between automatic and fixed positive airway pressure therapy in the home. *AM J Respir Crit Care Med* 2003; 167: 20-23.

Hart RW, Massie CA. Is polysomnography necessary in patients evaluated for gastric bypass surgery? *Obesity Surgery* 2002; 198: 12

Massie CA, Hart RW. Clinical outcomes related to interface type in patients with obstructive sleep apnea-hypopnea syndrome who are using continuous positive airway pressure. *Chest* 2003; 123: 1112-1118.

Borkgren-Okonek, M, Hart R W, Pantano, JA, Walker, K. Safety and Efficacy of BMI-Adjusted Enoxaparin Thromboprophylaxis Dosing in Gastric Bypass Surgery Patients. Official Journal of the American Society for Bariatric Surgery May/June 2005; Volume 1, Number 3, pg 261.

Borkgren-Okonek, M, Hart R W, Pantano, JA. Stratified Enoxaparin Dosing Achieves Prophylactic Anti-Factor XA Concentration in Gastric Bypass Surgery Patients. Official Journal of the American Society for Bariatric Surgery May/June 2005; Volume 1, Number 3, pg. 226.

ABSTRACTS

Hart RW, Burrows DL, Onal E, Lopata M: Effects of Continuous Positive Airway Pressure on Respiratory Muscle Activity and Pressure in Patients with Occlusive Apnea. Presented at the American Thoracic Society Meeting, May 1984.

Hart RW, Massie, CA, Effects of Humidification on Nasal Symptoms and Compliance in Sleep Apnea Patients using Continuous Positive Airway Pressure (CPAP). APSS Annual Conference, Orlando, FL June 1999.

CLINICAL RESEARCH STUDIES

Clinical Feasibility Study Protocol of the Hart-Ellerth Nasal Prong. Co-Investigator Description: Patients treated for Obstructive Sleep Apnea using ResMed CPAP devices are presently outfitted with standard face masks.. The Hart-Ellerth nasal prong is a new Investigational device that may be used instead of the mask and may offer greater user comfort and compliance. Pilot study in progress. Estimated completion date October 1997.

1. Predicting sleep disordered breathing and nocturnal oxygen desaturation in patients evaluated for gastric bypass surgery. 1998-1999.
2. Comparison of Auto-titrating positive airway pressure vs. fixed-pressure positive airway pressure using the ResMed Autoset T. 1999.
3. Patterns of CPAP use with and without heated humidity: A 12-month prospective study.
4. Clinical Feasibility Study Protocol of the Hart-Ellerth Nasal Prong – Co-Investigator.
5. Insomnia: A Double-Blind, Placebo-Controlled, Parallel Randomized Study of the Efficacy and Safety of XXXX in the Treatment Adult Subjects with Primary Insomnia.
6. Multi-Center, Double-Blind, Placebo Controlled, Randomized, Phase III Study of XXXX

(Recombinant Tissue Factor Pathway Inhibitor XXXX) in Severe Sepsis.

7. A Double-Blind, Placebo-Controlled Parallel Randomized Study of the Efficacy and Safety of XXXX in the Treatment of Adult Subjects with Primary Insomnia.
8. Phase III Study: A Comparative Study of the Safety and Efficacy of XXXX xxx mg QD for 5 Days and XXXX xxx mg x 2 QD for Day 1, 250 mg QD for Days 2-5, for the Treatment of Subjects with Acute Bacterial Exacerbation of Chronic Bronchitis.
9. Efficacy and Safety Study of XXXX Dry Powder Inhaler in the Treatment of Patients with Chronic Obstructive Pulmonary Disease.
10. The Effects of XXXX Therapy on Airway Diameter in Patients with COPD (a randomized, double-blind, placebo-controlled, parallel-group study).
11. Prospective, Randomized, Double-Blind Study Comparing XXXX xxx mg PO BID for 5 Days with XXXX for 5 Days (xxx mg PO day 1, then xxx mg PO OD days 2-5) in the Treatment of Patients with Acute Exacerbation of Chronic Bronchitis.
12. A Multi-Center randomized, Controlled, Open-Label Study to Evaluate the Safety of XXXX in Moderate to Severe, Persistent Asthma Subjects Already Treated with Other Therapies (ALTO).
13. A Multi-Center, Randomized, Controlled, Open-label Study to Evaluate the Study of XXXXXX in Moderate to Severe, Persistent Asthma Subjects Already Treated with Other Therapies (ALTO).
14. A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled 12-Week Trial of Inhaled XXXX xxmcg BID, xxxmcg BID, and xxxmcg BID versus Placebo in Propellant XXXX in Adolescent and Adult Subjects with Asthma Who are Maintained on Inhaled Corticosteroid therapy.
15. A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled 12-Week Trial of Inhaled XXXX xxmcg BID, xxxmcg BID, and xxxmcg BID versus Placebo in Propellant XXXX in Adolescent and Adult Subjects with Asthma who are Maintained on Bronchodilator Therapy.
16. A Placebo-Controlled, Double-Blind, Double-Dummy, Multi-Center, 6 Weeks Study of Orally Administered xxmg XXXX in the Treatment of Adult Patients with Asthma Compared to Treatment with xxx mg XXXX.
17. A Randomized, Double-Blind, Placebo-Controlled Parallel, Two-Week Objective Efficacy and Safety Study of XXXX in Elderly Subjects with Primary Insomnia.
18. A Randomized, Double-Blind, Multi-Center Study to Assess the Safety of Long-Term Administration of Two Dose Levels of XXXXXX in Patients with Primary Insomnia.
19. A Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study to Investigate the Tolerability of a Dose Escalating Regimen of XXXXXX in Patients Suffering From Restless Leg Syndrome (RLS).
20. A Phase III, Randomized, Double-Blind, Placebo-Controlled, Outpatient Study to Assess the

Efficacy and Safety of Two Dose Levels of NBI-34060 in Elderly Patients with Primary Insomnia.

21. A Phase III, Double-Blind, Outpatient, Extension Study to Assess the Long-Term Safety of Two Dose Levels of NBI-34060 in Elderly Patients with Primary Insomnia.
22. Comparison of the Efficacy and Safety of Two Oral Doses of XXXXX, 5 mg/Day or 2 mg/Day, versus Placebo, as an Aid to Smoking Cessation- A Multiple Country, Randomized, Double-Blind, 5 Arm, Placebo-Controlled, Parallel-Group, Fixed-Dose, 2-year, Multi Center, Phase III Trial: 1 Year Treatment, 1 Year Follow-Up.
23. A 52-Week Open Label Extension Study of the Long-Term Safety of XXXXX in Subjects Suffering from Restless Leg Syndrome (RLS).
24. Efficacy and Safety of XXXX Alfa (Activated) in Adult Patients with Early Stage Severe Sepsis.
25. A Phase III, Open-Labeled, Fixed-Dose Study to Determine the Safety of Long-Term Administration of TAK-375 in Subjects with Chronic Insomnia.
26. A Randomized, Multi-Center, Open-Label, Parallel-Group Study Comparing the Efficacy and Safety of XX XXX (formoterol fumarate inhalation powder) 12 ug BID to Serevent MDI (salmeterol xinafoate) 50 ug BID in Patients with COPD.
27. A 12-Week, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess the Efficacy and Safety of XXXXX in Patients Suffering from Restless Leg Syndrome (RLS).
28. Weight-adjusted XXXXXXXXXX Dosing Trial in Gastric Bypass Surgery Patients