

Curriculum Vitae



Date Prepared:
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Name:
Yüksel Peker

Education

1985	MD	Medicine	Istanbul University School of Medicine, Istanbul, Turkey
2000	PhD	Pulmonary Medicine (PhD advisor Jan Hedner)	University of Gothenburg, Gothenburg, Sweden

Postdoctoral Training

1989-1991	Resident	Clinical Practice (Internal Medicine, Surgery, Psychiatry, Family Medicine)	Skaraborg Hospital, Skövde, Sweden
1991-1996	Resident	Internal Medicine	Skaraborg Hospital, Skövde, Sweden
1996-1998	Resident	Pulmonary Medicine	Sahlgrenska University Hospital, Gothenburg, Sweden
2001-2003	Postdoc (%50)	Pulmonary Medicine	Sahlgrenska University Hospital, Gothenburg, Sweden

Faculty Academic Appointments

2007-present	Associate Professor	Pulmonary Medicine	Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden
2011-2015	Adjunct Lecturer	Molecular and Clinical Medicine/Cardiology	Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden
2015-2017	Visiting Senior Lecturer	Molecular and Clinical Medicine/Cardiology	Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden
2015-2018	Professor	Pulmonary Medicine	School of Medicine, Marmara University, Istanbul, Turkey
2017-present	Adjunct Professor	Pulmonary, Allergy and Critical Care Medicine	School of Medicine University of Pittsburgh, PA
2018-present	Visiting Senior Researcher	Respiratory Medicine and Allergology	School of Medicine, Lund University, Sweden
2019-present	Professor	Pulmonary Medicine	School of Medicine, Koc University, Istanbul, Turkey
2022-present	Visiting Professor	Division of Sleep Medicine, Brigham and Women's Hospital	Harvard Medical School, Boston, MA

Appointments at Hospitals/Affiliated Institutions

1985-1987	Assistant Physician	Acute Medicine	State Hospital, Sivas, Turkey
1988	Moved from Turkey to Sweden		Marriage and language studies (Swedish)
1988-1989	Assistant Physician	Geriatrics	Östermalm Geriatrics Hospital, Skövde, Sweden
1989-1991	Assistant Physician (residency)	Internal Medicine, Surgery, Psychiatry, Family Medicine	Skaraborg Hospital, Skövde, Sweden
1991-1996	Assistant Physician (residency)	Internal Medicine	Skaraborg Hospital, Skövde, Sweden
1996-1998	Assistant Physician (residency)	Pulmonary Medicine	Sahlgrenska University Hospital, Gothenburg, Sweden

1998-2003	Consultant Physician	Pulmonary Medicine /Sleep Medicine	Sahlgrenska University Hospital, Gothenburg, Sweden
2004-2015	Consultant Physician	Sleep Medicine, Internal Medicine, Pulmonary Medicine	Skaraborg Hospital, Skövde, Sweden
2015-2018	Consultant Physician	Sleep Medicine/Pulmonary Medicine	Marmara University Hospital, Istanbul, Turkey
2019-present	Consultant Physician	Sleep Medicine/Pulmonary Medicine	Koc University Hospital, Istanbul, Turkey

Other Professional Positions

2016-2017	Scientific Advisory Board	BresoTec Inc	3 days per year
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Major Administrative Leadership Positions

National

2008	Organizer, The First Swedish Sleep Medicine Congress, Skövde, Sweden	Swedish Sleep Medicine and Sleep Research Society
2020-	Head of the Sleep-Related Breathing Disorders Working Group	Turkish Thoracic Society
2022-	Co-Chair of the Turkish Collaboration of the Cardiovascular Trialists (TURCOSACT)	Collaboration between Turkish Thoracic Society and Turkish Cardiology Society

Professional Societies

1996-	Swedish Sleep Medicine and Sleep Research Society	Member
1998-2002	Swedish Sleep Medicine and Sleep Research Society	Secretary
1998-	American Thoracic Society	Member
1998-	American Academy of Sleep Medicine	Member
1998	European Respiratory Society	Member
1998-	European Sleep Research Society	Member
2015-	Turkish Thoracic Society	Member

2015-	Turkish Sleep Medicine Society	Member
2017-2018	American Thoracic Society	Member, SRN Assembly Program Committee
2021-	Turkish Thoracic Society	Chair, Sleep Related Respiratory Disorders Working Group
2021-	European Sleep Research Society	Advisory Board Member, Assembly 4 (Sleep Disordered Breathing Assembly)

Editorial Activities

Ad hoc Reviewer

American Journal of Cardiovascular Drugs
American Journal of Respiratory and Critical Care Medicine
Annals of the American Thoracic Society
Antioxidants
CHEST
Diagnostics
European Heart Journal
European Journal of Endocrinology
European Respiratory Journal
Heart
International Journal of Molecular Sciences
Journal of Clinical Medicine
Journal of Clinical Sleep Medicine
Journal of Internal Medicine
Journal SLEEP
Journal of Sleep Research
Physiological Measurement
Psychoneuroendocrinology
Respiration
Respiratory Medicine
Respiratory Research
Sleep and Breathing
Sleep Medicine
Sleep Medicine Reviews
The Anatolian Journal of Cardiology (Turkish/English)
The Asia- Pacific Journal of Endocrinology
The Lancet Respiratory Journal
The Scandinavian Journal of Clinical & Laboratory Investigation
Thorax

Editorial Roles

2013-ongoing	Editorial Board Member	<i>American Journal of Respiratory and Critical Care Medicine</i>
2017-ongoing	Associate Editor	<i>Annals of the American Thoracic Society</i>

2021-ongoing	Section Board Member	<i>Journal of Clinical Medicine</i>
2021-ongoing	Guest Editor of the Special Issue (2021-Sept)	<i>Journal of Clinical Medicine</i>
2022-ongoing	Associate Editor	<i>Frontiers in Sleep</i>

Honors and Prizes

1998-2004	Several travel grants for attending to the international conferences for presentation of own data	The University of Gothenburg & The Swedish Heart and Lung Foundation
2004	Peker Y. Increased incidence of coronary artery disease and cardiovascular mortality in adults with obstructive sleep apnea. <i>The best abstract award.</i>	Swedish Cardiology Society. Spring Meeting.
2020	American Thoracic Society Fellowship	American Thoracic Society
2021	Cardiovascular outcomes in patients with coronary artery disease and non-sleepy versus sleepy obstructive sleep apnoea phenotypes in the RICCADSA trial. Best Abstract in Respiratory Sleep Medicine.	European Respiratory Society
2021	Outstanding Faculty Award	Koc University, Istanbul

Report of Local Teaching and Training

Teaching of Students in Courses

University of Gothenburg Sahlgrenska Academy, Sweden

2011-2015	PhD students Obstructive Sleep Apnea and Cardiovascular Morbidity	Cardiology Department Regular meetings 2-4 hr sessions per wk; intermittently during 4 years
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Marmara University School of Medicine, Istanbul, Turkey

2015-2018	2 nd year medical students 4 th year medical students	Department of Pulmonary Medicine 2-hr sessions x4 per term x 4
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Koc University, Istanbul, Turkey

2019-	4 th year medical students	School of Medicine Department of Pulmonary Medicine 2-hr sessions x2 per term x 2
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2019- ongoing	PhD Course – Basic Sleep Medicine	Graduate School of Health Sciences 3-hr sessions per week x 13 weeks/year
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Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

1998-2002	Residents, medical doctors, specialists	Sahlgrenska University Hospital, Gothenburg, Sweden One-hr lectures x 4-6 times/year
2002-2015	Residents, medical doctors, specialists	Skaraborg Education and Research Hospital, Skövde, Sweden One-hr lectures x 4-6 times/year
2015-2018	Residents, medical doctors, specialists	Marmara University Hospital, Istanbul, Turkey One-hr lectures x 2/year
2019-	Residents, medical doctors, specialists	Koc University Hospital, Istanbul, Turkey One-hr lectures x 2/year

Clinical Supervisory and Training Responsibilities

2002-2015	Home Sleep Apnea Testing and Polysomnography scorings Nurses, Sleep Technicians, Residents	Skaraborg Education and Research Hospital, Skövde, Sweden Varying intensity when needed
2015-2018	Polysomnography scorings Sleep Technicians, Medical students, Residents	Marmara University Hospital, Istanbul, Turkey Varying intensity
2019-	Polysomnography scorings Sleep Technicians, Medical students, Residents	Koc University Hospital, Istanbul, Turkey Varying intensity

Laboratory and Other Research Supervisory and Training Responsibilities

2005-2015	Research supervision Research fellows, guest researchers	Skaraborg Education and Research Hospital, Skövde, Sweden
2007-2015	Research supervision PhD students, research fellows	University of Gothenburg Mentorship 1-2 times/week
2015-2018	Research supervision PhD students, residents	Marmara University Hospital, Istanbul, Turkey
2019-	Research supervision PhD students, residents	Koc University Hospital, Istanbul, Turkey

Mentored Trainees and Faculty

- 2008-2015 Erik Thunström, MD, PhD
Associate Professor of Cardiology, University of Gothenburg, Gothenburg, Sweden
Career stage: resident, fellow.
Mentoring role: PhD Supervisor.
Accomplishments: PhD thesis - Obstructive Sleep Apnea in Cardiovascular Disease - Mechanisms and Impact of Treatment (defended 29 October 2015);
Multiple first-authored scholarship of mentored research.
- 2009-2016 Helena Glantz, MD, PhD
Skaraborg Education and Research Hospital, Lidköping, Sweden.
Consultant Cardiologist at the Skaraborgh Hospitali Lidköping, Sweden
Career stage: fellow.
Mentoring role: PhD Supervisor.
Accomplishments: PhD thesis - Obstructive Sleep Apnea in Coronary Artery Disease: Impact of CPAP treatment (defended 05 April 2016);
Multiple first-authored scholarship of mentored research.
- 2014-2016 Tugce Yakut, MD
Department of Pulmonary Medicine, Marmara University School of Medicine.
Career stage: fellow.
Mentoring role: Master thesis Supervisor.
Accomplishments: Master thesis - Prevalence of Obstructive Sleep Apnea and Pulmonary Involvement in Patients with Scleroderma (defended 11 November 2016);
First-authored scholarship of mentored research.
- 2014-2019 Carmen Basic, MD, PhD
Department of Cardiology, University of Gothenburg, Gothenburg, Sweden.
Career stage: resident, fellow.
Mentoring role: PhD Co-Supervisor.
Accomplishments: PhD thesis - Heart failure epidemiology with emphasis on young adults (defended 20 November 2019).
- 2015-2021 Malin Veje, MD, PhD
Department of Infectious Diseases, University of Gothenburg, Gothenburg, Sweden.
Career stage: resident, fellow.
Mentoring role: PhD Co-Supervisor.
Accomplishments: PhD thesis - Tick-borne encephalitis - clinical and virological aspects (defended 05 January 2021).
Multiple first-authored scholarship of mentored research.
- 2019-2021 Yeliz Celik, PhD
Koc University Graduate School of Health Sciences, Istanbul, Turkey
Career stage: fellow.
Mentoring role: PhD Supervisor.
Accomplishments: PhD thesis - Validation of the Modified Berlin Questionnaire for the Diagnosis of Obstructive Sleep Apnea in Patients with COVID-19 Infection (defended 30 November 2021).
Multiple first-authored scholarship during the mentorship period.

Ongoing
2018- Henrik Hollstrand Hjälml, MD
Department of Cardiology, University of Gothenburg, Gothenburg, Sweden.
Career stage: resident, PhD fellow.
Mentoring role: PhD Co-Supervisor.
Accomplishments: Succeeded the half-time control 13 October 2021
PhD thesis – Atrial Fibrillation and Obstructive Sleep Apnea.

2020- Semih Arbatli, PhD fellow
Koc University Graduate School of Health Sciences, Istanbul, Turkey
Career stage: fellow.
Mentoring role: PhD Supervisor.
Accomplishments: Succeeded the half-time control 29 November 2022
PhD thesis – Intermittent hypoxia and cardiac apoptosis in rats

**Extern
Thesis**

Examination
2017 Brian Kent
University College Dublin, School of Medicine & Medical Science, Dublin, Ireland
PhD thesis – Relationships of Obstructive Sleep Apnoea with Cardiovascular and Metabolic Disease

2020 Minna Myllylä
University of Turku, Turku, Finland
PhD thesis – Who benefits and how from the long-term use of CPAP treatment in obstructive sleep apnea?

Report of Regional, National and International Invited Teaching and Presentations

Invited Presentations and Courses

- 1999 Sleep Apnea & Cardiovascular Complications. Postgraduate Course.
Turkish Pulmonary Society Meeting, Istanbul, Turkey
- 2001 Cardiovascular morbidity in sleep apnea. Key lecture.
Bosnian Medical Association Meeting, Sarajevo, Bosnia.
- 2002 Cardiovascular morbidity in sleep apnea. Symposium.
Turkish Sleep Research Society Meeting, Kayseri, Turkey
- 2002 Cardiovascular complications of sleep apnea. Symposium.
Scandinavian Meeting on Sleep Apnea, Århus, Denmark.
- 2002 Cardiac scoring in practical polysomnography. Postgraduate Course.
Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2003 Cardiovascular consequences of sleep apnea. Symposium.
European Respiratory Society Meeting, Vienna, Austria.
- 2003 The impact of OSA treatment in cardiovascular mortality. Satellite symposium.
World Congress of Sleep Apnea, Helsinki, Finland.

- 2003 Pro-Con debate. Polysomnography is always necessary in diagnosis of sleep apnea (Yes: Christian Guilleminault, USA; No: Yüksel Peker); Sleep apnea and cardiovascular complications. Symposium.
- 2004 Turkish Thoracic Society Meeting, Antalya, Turkey.
Cardiovascular aspects in practical polysomnography. Postgraduate Course.
Cardiovascular complications of obstructive sleep apnea. Symposium.
Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2005 Obstructive sleep apnea: an overview. Key lecture.
Respiratory Society of Bosnia Meeting, Sarajevo, Bosnia.
- 2006 Treatment of central sleep apnea syndrome. Symposium.
Pro-Con debate. Should we treat all obstructive sleep apnea patients? (Yes: Yüksel Peker; No: Patrick Strollo, USA).
Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2007 Gender-related differences in cardiovascular morbidity and mortality of sleep apnoea patients. Symposium.
European Respiratory Society Meeting, Stockholm, Sweden.
- 2008 Cardiac scoring in polysomnography. Postgraduate Course.
Obesity and sleep apnea. Symposium.
Recent update regarding sleep apnea research. Symposium.
Turkish Sleep Medicine Society Meeting, Bodrum, Turkey.
- 2008 Complications of sleep apnea. Symposium
Sleep apnea and hypertension. Symposium
Clinical year in Review. Symposium
Turkish Thoracic Society, Antalya, Turkey.
- 2008 Ischemic Heart Disease and Sleep-Disordered Breathing. Postgraduate Course.
American Thoracic Society Meeting, Toronto, Canada.
- 2008 Cardiac scoring in polysomnography. Postgraduate Course.
Problems in the management of sleep apnea: Cardiologic aspects. Panel Discussion.
Hypertension and sleep-related breathing disorder. Symposium.
Turkish Sleep Medicine Society Meeting, Kusadasi, Turkey.
- 2009 Obstructive sleep apnea and cardiovascular morbidity. Necla Özdemir Symposium.
Turkish Thoracic Society Meeting, Eskisehir, Turkey.
- 2009 Pro-Con debate. Polysomnography is always necessary in diagnosis of sleep apnea (Yes: Sadik Ardic; No: Yüksel Peker).
Central Sleep Apnea. Hot Topic.
Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2009 Should we screen cardiac patients for sleep apnea? - Sleep apnea and ischemic heart disease. Satellite symposium.
European Cardiology Society & Heart Failure Meeting 2009, Nice, France.
- 2009 Sleep Apnea and Cardiovascular Morbidity. Lecture.
Hackensack University Hospital, New Jersey.

- 2009 Sleep Apnea and Coronary Artery Disease. Lecture.
Pittsburgh University Hospital, Pittsburgh.
- 2009 Evaluation of cardiac parameters in polysomnography. Postgraduate Course.
Insomnia in COPD. Symposium.
Diagnostic approach to sleep disorders in cardiac patients. Symposium.
Turkish Sleep Medicine Society Meeting, Antalya, Turkey.
- 2009 The effect of PAP treatment on metabolic syndrome. Symposium.
Heart in sleep-related breathing disorders. Hot topic.
Turkish Thoracic Society Meeting, Istanbul, Turkey.
- 2010 Cardiovascular mechanisms and impact of CPAP treatment in sleep apnea.
Bursa University, Thorax Symposium, Bursa, Turkey.
- 2010 Cardiac findings and sleep. Symposium.
Turkish Sleep Medicine Society & Japanese Sleep Medicine Society, Izmir, Turkey.
- 2010 Cardiovascular complications of sleep apnea. Symposium.
Turkish Thoracic Society Meeting, Istanbul, Turkey.
- 2010 Coronary artery disease, stroke and sleep apnea in the elderly. Symposium
Impact of antihypertensive drugs in OSAS patients: update 2010. Symposium.
Sleep and Aging Conference, Lyon, France.
- 2010 Evaluation of cardiac parameters in polysomnography. Postgraduate Course
Cardiovascular consequences of sleep apnea. Symposium.
Turkish Sleep Medicine Society Meeting, Antalya, Turkey.
- 2011 Sleep apnea and cardiovascular morbidity. Lecture.
Erciyes University, Kayseri, Turkey.
- 2011 Sleep apnea - the need to synchronize the heart, the lung and the brain” – Future
possibilities in treatment of sleep apnea. Symposium.
European Cardiology Society & Heart Failure Meeting, Gothenburg, Sweden.
- 2011 What is the level of evidence of the relationship between obstructive sleep apnea and
cardiovascular and metabolic diseases? Lecture.
Impact of CPAP on diabetes, hypertension and coronary artery disease. Symposium.
Cardiovascular consequences of untreated sleep apnea. Symposium.
Turkish Sleep Medicine Society Meeting, Bodrum. Turkey.
- 2011 Obstructive sleep apnea & coronary disease: Impact of CPAP treatment.
ResMed Meeting, Oslo, Norway.
- 2012 Obstructive sleep apnea syndrome. Symposium.
Cardiovascular complications of obstructive sleep apnea. Symposium.
Turkish Ear-Nose-Throat Society Meeting, Bursa, Turkey.
- 2012 Sleep apnoea and coronary artery disease: population and clinic-based
epidemiology. Symposium.

Society for Cardiothoracic Surgery in Great Britain and Ireland, Manchester, England.

- 2012 Coronary artery disease and OSAS: Effects of CPAP – the RICCADSA trial. Mechanisms of cardiovascular consequences in OSAS. Symposium. Sleep and Aging Conference, Paris, France.
- 2012 Stroke and sleep apnea. Symposium. Stroke Team Congress, Gothenburg, Sweden.
- 2012 Metabolic and cardiovascular comorbidities in obstructive sleep apnea. Lecture. Impact of CPAP in coronary artery disease and obstructive sleep apnea. Lecture. An update of management of obstructive sleep apnea. Lecture. Süleyman Demirel University, Isparta, Turkey.
- 2012 Hemodynamic changes and CV risk in obstructive sleep apnea. Symposium. Turkish Sleep Medicine Society Meeting, Antalya, Turkey.
- 2013 Heart & Sleep. Lecture Memorial Hospital, Istanbul, Turkey.
- 2013 National differences in the management of obstructive sleep apnea in the world. Symposium. Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2013 Coronary artery disease and obstructive sleep apnea: the first results from the RICCADSA trial. Symposium. ResMed Nordic Meeting at ERS, Barcelona, Spain.
- 2014 Treatment approaches in obstructive sleep apnea. Symposium. Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2016 Treatment of obstructive sleep apnea in coronary heart disease. Symposium. Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2016 Impact of PAP treatment in coronary artery disease and non-sleepy obstructive sleep apnea in the RICCADSA trial. Symposium. French Sleep Congress, Strasbourg, France.
- 2016 Rationale for & Update on ISAACC and RICCADSA Trials. Symposium. European Cardiosleep Society Meeting, Prague, Czech Republic.
- 2016 Obstructive sleep apnoea and coronary artery disease. Postgraduate Course. European Respiratory Society Meeting, London, England.
- 2016 The new driving license regulations for sleep apnea. Turkish Sleep Association (UYKUDER) Meeting, Trabzon, Turkey.
- 2016 PAP treatment & general precautions. Lecture. Turkish Lung Health Congress, Antalya, Turkey.
- 2016 Is sleep apnea responsible for coronary artery disease? Symposium. Association Franco- Méditerranéenne de Pneumologie Meeting, Izmir, Turkey.

- 2017 Coronary artery disease, stroke and sleep apnea. Symposium.
Belgian Association for the Study of Sleep (BASS) Meeting, Antwerp, Belgium.
- 2017 Coronary artery disease and non-sleepy OSA. Symposium.
Aging and Sleep Conference. Lyon, France.
- 2017 Sleep apnea treatment in coronary artery disease. Symposium.
Turkish Sleep Association (UYKUDER) Meeting, Bodrum, Turkey.
- 2017 Impact of CPAP on Non Sleepy OSA Phenotype.
Gulf Sleep Medicine Meeting, Dubai, United Arab Emirates.
- 2018 Models for care for sleep apnea from around the world: Lessons from diverse
economics, Part III. Turkey. Symposium.
American Thoracic Society Meeting, San Diego.
- 2018 Sleep apnea and heart disease: causality and treatment approaches.
Turkish Lung Health Congress, Antalya, Turkey.
- 2018 Coronary artery disease and obstructive sleep apnea.
King Faisal Specialist Hospital and Research Center, Jeddah, Saudi Arabia
- 2019 Treatment central sleep apnea in heart failure. Lecture.
Turkish Sleep Medicine Society Meeting, Antalya, Turkey.
- 2019 How to treat heart failure dependent central sleep apnea? Symposium.
Turkish Sleep Medicine Society Meeting, Istanbul, Turkey.
- 2019 Phenotypes in obstructive sleep apnea. Symposium.
Turkish Thoracic Society Meeting, Antalya, Turkey.
- 2019 Cardiometabolic outcomes of obstructive sleep apnea treatment: From evidence into
practice. Postgraduate Course.
American Thoracic Society Meeting, Dallas.
- 2019 Cardiovascular consequences of sleep apnea. Coronary and carotid artery disease.
Postgraduate Course.
World Sleep Society Meeting. Vancouver.
- 2021 Cardiac scoring in polysomnography. Postgraduate Course.
Turkish Thoracic Society Meeting, Antalya, Turkey
- 2022 Obstructive Sleep Apnea and Asthma. Symposium.
Turkish Thoracic Society Meeting, Antalya, Turkey
- 2022 Skills lab - Choosing the best diagnostic monitoring tool for patients with Sleep
Disordered Breathing
European Respiratory Society Meeting, Barcelona, Spain 4-6 September
- 2022 Current Perspectives in Obstructive Sleep Apnea and Cardiovascular Research.
Symposium.
Turkish Sleep Medicine Society Meeting, Kusadasi, Aydin, Turkey.

Report of Clinical Activities and Innovations

Current Licensure and Certification

1985	Medical Doctor, Medical Faculty, University of Istanbul, Turkey
1991	Licensed Medical Doctor, The Swedish National Board of Health and Welfare Specialist in
1996	Internal Medicine, The Swedish National Board of Health and Welfare Specialist in
1998	Pulmonary Medicine, The Swedish National Board of Health and Welfare
2009	Accredited Sleep Medicine Specialist, Nordic Association of Sleep Research & Sleep Medicine Societies

Practice Activities

1998-2004	Ambulatory and in-hospital clinic and sleep study interpretations	Sahlgrenska University Hospital, Gothenburg, Sweden	500-2000 interpretations per year
2005-2015	Ambulatory and in-hospital clinic and sleep study interpretations	Sleep Medicine Unit, Skaraborg ospital, Skövde, Sweden	500-2000 interpretations per year
2015-2018	Ambulatory and in-hospital clinic and sleep study interpretations	Sleep Medicine Unit, Marmara University School of Medicine, Istanbul, Turkey	100-500 interpretations per year
2019-ongoing	Ambulatory and in-hospital clinic and sleep study interpretations	Sleep Laboratory, Koc University School of Medicine, Istanbul, Turkey	100-300 interpretations per year

Report of Scholarship

Research investigations

1. **Peker Y**, Hedner H, Johansson Å, Bende M. Reduced hospitalization due to cardiovascular and pulmonary disease in patients with obstructive sleep apnea on nasal CPAP treatment. *SLEEP* 1997; 20: 577-584.
2. **Peker Y**, Kraiczi H, Hedner J, Löth S, Johansson Å, Bende M. An independent association between obstructive sleep apnoea and coronary artery disease. *Eur Respir J* 1999; 14: 179-184.
3. Kraiczi H, Hedner J, **Peker Y**, Carlson J. Increased vasoconstrictor sensitivity in obstructive sleep apnea. *J Appl Physiol* 2000; 89: 493-498.
4. **Peker Y**, Hedner J, Kraiczi H, Löth S. Respiratory Disturbance Index: An independent predictor of mortality in coronary artery disease. *Am J Respir Crit Care Med* 2000; 162: 81-86.
5. Kraiczi H, Hedner J, **Peker Y**, Grote L. Comparison of Atenolol, Amlodipine, Enalapril, Hydrochlorothiazide and Losartan for antihypertensive treatment in patients with obstructive sleep apnea. *Am J Respir Crit Care Med* 2000; 161: 1423-1428.
 - Samet JM, Nieto FJ, Punjabi NM. Sleep-disordered breathing and hypertension: more research is still needed. *Am J Respir Crit Care Med*. 2000 May;161(5):1409-11. doi: 10.1164/ajrccm.161.5.16154.

6. Kraiczi H., Caidahl K, Samuelsson A, **Peker Y**, Hedner J. 2001. Impairment of vascular endothelial function and left ventricular filling: association with the severity of apnea-induced hypoxemia during sleep. *Chest* 2001; 119:1085-1091.
7. Kraiczi H, **Peker Y**, Caidahl K, Samuelsson A, Hedner J. Blood pressure, cardiac structure and severity of obstructive sleep apnea in a sleep clinic population. *Journal of Hypertension* 2001; 19: 2071-2078.
8. **Peker Y**, Hedner J, Norum J, Kraiczi H, Carlson J. Increased incidence of cardiovascular disease in middle-aged men with obstructive sleep apnea: A 7-year follow-up. *Am J Respir Crit Care Med* 2002; 166: 159-165.
9. Hedner J, Kraiczi H, **Peker Y**, Murphy P. Reduction of sleep disordered breathing following physostigmine. *Am J Respir Crit Care Med* 2003; 168: 1246-1251.
10. Ding Z, Grote L, Eder DN, **Peker Y**, Hedner J. Obstructive apneic events induce alpha-receptor mediated digital vasoconstriction. *SLEEP* 2004; 27: 485-489.
11. Hedner J, Franklin K, **Peker Y**. Coronary artery disease and sleep apnea. In: Kryger, Roth, Dement (editors). *Principals and practice of sleep medicine*. 2005. Elsevier Inc, Philadelphia, PA. **Updated 2011. 2017.**
12. Torvaldsson S, Grote L, **Peker Y**, Basun H, Hedner J. A randomized placebo-controlled trial of an NMDA receptor antagonist in sleep disordered breathing. *J Sleep Res* 2005; 14: 149-155.
13. Ding Z, Grote L, **Peker Y**, Lindblad U, Hedner J. Validation a portable monitoring device for sleep apnea diagnosis in a population-based cohort using synchronized home polysomnography. *SLEEP* 2006; 29: 367-374.
14. Hedner J, Bengtsson-Boström K, **Peker Y**, Grote L, Råstam L, Lindblad U. Hypertension prevalence in OSA and gender: a population-based case-control study. *Eur Respir J* 2006; 27: 564-570.
15. **Peker Y**, Carlson J, Hedner J. Increased incidence of coronary artery disease in sleep apnoea: A long-term follow-up. *Eur Respir J* 2006; 28:596-602.
16. **Peker Y**, Svensson J, Hedner J, Grote L, Johannsson G. Sleep apnea and quality of life in growth hormone deficient adults before and after six months of growth hormone replacement therapy. *Clin Endocrin* 2006; 65:98-105.
17. Acarturk G, Unlu M, Yuksel S, Albayrak R, Koken T, **Peker Y****. Obstructive sleep apnoea, glucose tolerance and liver steatosis in obese women. *J Int Med Res* 2007; 35: 458-466.
18. Kirbas G, Abakay A, Topcu F, Kaplan A, Unlu M, **Peker Y****. Obstructive sleep apnoea, cigarette smoking and serum testosterone levels in a male sleep clinic cohort. *J Int Med Res* 2007; 35: 38-45.
19. Johannsson MC, Eriksson P, **Peker Y**, Hedner J, Råstam L, Lindblad U. The influence of patent foramen ovale on oxygen desaturation in obstructive sleep apnea. *Eur Respir J* 2007; 29:149-155.
20. Bayram NA, Ciftci B, Keles T, Durmaz T, Turhan S, Bozkurt E, **Peker Y****. Endothelial function in normotensive men with obstructive sleep apnea before and six months after CPAP treatment *SLEEP* 2009; 32:1257-1263.
21. Aksu K, Firat-Guven S, Aksu F, Ciftci B, Ulukavak-Ciftci T, Aksaray S, Sipit T, **Peker Y****. Obstructive sleep apnoea, cigarette smoking and plasma orexin-A in a sleep clinic cohort. *J Int Med Res* 2009; 37: 331-340.
22. **Peker Y**, Glantz H, Thunström E, Kallryd A, Herlitz J, Ejdebäck J. Rationale and design of the Randomized Intervention with Cpap in Coronary Artery Disease and Sleep Apnoea (RICCADSA) trial. *Scand Cardiovasc J* 2009; 43:24-31.
23. Celen YT, **Peker Y**. Obstruktif apnede kardiyovasküler hastalıklar (book chapter - Turkish). In: Özlü, Metintas, Karadag, Kaya (editors). *Solunum sistemi ve hastalıkları*. 2010. Istanbul Medical Yayıncılık, Istanbul, Turkey. 2155-2174.
24. Celen YT, Hedner J, Carlson J, **Peker Y****. Impact of gender on incident diabetes in obstructive sleep apnea: a 16-year follow-up. *J Clin Sleep Med* 2010; 6: 244-250.
25. Karimi M, Koranyi J, Franco C, **Peker Y**, Eder DN, Angelhed JE, Lönn L, Grote J, Bengtsson BÅ, Svensson J, Hedner J, Johannsson G. Increased neck soft tissue mass and worsening of

- obstructive sleep apnea after growth hormone treatment in men with abdominal obesity. *J Clin Sleep Med* 2010; 6: 256-263.
26. Cilli A, Batmaz F, Demir I, Boz A, Toprak E, Ozdemir T, **Peker Y****. The diagnostic yield of exercise stress testing as a screening tool for subclinical coronary artery disease in patients with moderate to severe obstructive sleep apnea. *J Clin Sleep Med* 2011; 7: 25-29.
 27. Ismailogullari S, Korkmaz C, **Peker Y**, Bayram F, Karaca Z, Aksu M. Impact of long-term gonadotroping replacement treatment on sleep in men with idiopathic hypogonadotropic hypogonadism. *J Sex Med* 2011; 8: 2090-2097.
 28. Hoeber P, Dorffner G, Beneš H, Penzel T, Danker-Hopfe H, Barbanoj MJ, Pillar G, Saletu B, Polo O, Kunz D, Zeitlhofer J, Berg S, Partinen M, Bassetti CL, Högl B, Ebrahim IO, Holsboer-Trachsler E, Bengtsson H, **Peker Y**, Hemminger UM, Chiossi E, Hajak G, Dingemans J. Orexin receptor antagonism, a new sleep-enabling paradigm: a proof-of-concept clinical trial. *Clin Pharmacol Ther* 2012; 91: 975-985.
 29. Bartnik M, **Peker Y**. Diabetes mellitus and obstructive sleep apnoea. In: Preedy, Patel, Le (editors). Handbook of nutrition, diet and sleep. 2013. Wageningen Academic Publishers, The Netherlands. 295-308.
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