

WAKE FOREST UNIVERSITY  
SCHOOL OF MEDICINE

CURRICULUM VITAE

NAME: Medge Denise Owen, M.D.

CURRENT ACADEMIC TITLE: Associate Professor

ADDRESS:

BUSINESS: Department of Anesthesiology  
Wake Forest University School of Medicine  
Medical Center Boulevard  
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EDUCATION:

1985-1989 University of Kansas School of Medicine  
Kansas City, Kansas  
M.D.

1984 Wichita State University  
Wichita, Kansas  
(Non-degree)

1979-1983 Kansas State University  
Manhattan, Kansas  
B.A. (Conferred May 1984)

1979-1983 Manhattan Christian College  
Manhattan, Kansas  
(Non-degree)

POSTDOCTORAL TRAINING:

1992-1993 Fellowship-CA-III  
Obstetric Anesthesia  
Department of Anesthesia  
St. Luke's Hospital  
University of Missouri at Kansas City  
Kansas City, Missouri

1990-1993 Residency  
Department of Anesthesia  
St. Luke's Hospital  
University of Missouri at Kansas City  
Kansas City, Missouri

POSTDOCTORAL TRAINING: (Continued)

1989-1990	Internship Department of Obstetrics and Gynecology St. Luke's Hospital University of Missouri at Kansas City Kansas City, Missouri
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PROFESSIONAL LICENSURE:

2000	Kansas #28711
1994	North Carolina #94-00119
1993	Colorado #32817
1992	Missouri #MD101200

SPECIALTY CERTIFICATION:

2001-Present	Advanced Cardiac Life Support (ACLS) Provider Renewal
2001	CRICC Program (Clinical Research Investigator/Coordinator Certificate Program)
1999-Present	Newborn Resuscitation Program (Instructor Certification)
1994	Board Certified American Board of Anesthesiology
1990	Diplomate National Board of Medical Examiners

EMPLOYMENT:

July 2001-Present	Associate Professor of Anesthesiology/Obstetric Anesthesia Department of Anesthesiology Wake Forest University School of Medicine Winston-Salem, North Carolina
July 1995-June 2001	Assistant Professor of Anesthesiology/Obstetric Anesthesia Department of Anesthesiology Wake Forest University School of Medicine Winston-Salem, North Carolina

EMPLOYMENT: (Continued)

Feb. 1994-June 1995	Instructor Department of Anesthesiology Bowman Gray School of Medicine of Wake Forest University Winston-Salem, North Carolina
1993-1994	Research Associate Department of Biological Sciences University of Missouri at Kansas City Kansas City, Missouri
July-August 1985 June-August 1986	Cancer Data Service University of Kansas School of Medicine Kansas City, Kansas

OTHER PROFESSIONAL APPOINTMENTS AND INSTITUTIONAL SERVICE:

AFFILIATION:

2003-Present	Ion Technologies, Inc. Board of Directors Biotechnology Company based in Winston-Salem, NC
2001-Present	Kybele, Inc. Founder and President Non-profit organization to promote safe childbirth worldwide: <a href="http://www.kybeleworldwide.org">www.kybeleworldwide.org</a> . Medical educational programs are developed based on country specific needs assessments. Multidisciplinary medical teams are organized and travel to target countries. Dynamic programs are conducted with continuing medical education conferences and one-on- one, hands-on teaching in host hospitals for 1-2 weeks.
1994-Present	Forsyth Medical Center-Sara Lee Center for Women's Health Obstetric Anesthesia 3333 Silas Creek Parkway Winston-Salem, North Carolina 27103

INTERNATIONAL COMMITTEES:

2005	World Federation Societies of Anesthesia Committee on Obstetric Anesthesia
2000	The Turkish Society of Anesthesia and Reanimation Subcommittee on Obstetric Anesthesia

OTHER PROFESSIONAL APPOINTMENTS AND INSTITUTIONAL SERVICE: (Continued)

NATIONAL MEMBERSHIPS:

2007	American Society of Anesthesiology ASA Overseas Teaching Program Committee
2004	Society of Obstetric Anesthesiology and Perinatology Chair, International Outreach Committee
2001	National Registry of Who's Who
2001	SELAM (Society for Executive Leadership in Academic Medicine)
2001	Strathmore's Who's Who
2000	Society for Obstetric Anesthesia and Perinatology Education Committee

UNIVERSITY APPOINTMENTS:

Sept. 06-June 07	Women's Health Center of Excellence Liaison to the Department of Anesthesiology
July 2002-2005	Course Director, Health Care for the Underserved WFU Medical Student Elective Course
1995-Present	International Health Affairs Advisory

DEPARTMENTAL APPOINTMENTS:

2002-2004	Co-Director of Clinical Research
2001-2002	Anesthesia Department Research Committee
1998-2000	Finance Committee
1995-1998	Faculty Recruitment Committee
1994-1995	Capital Equipment Committee

EDITORIAL SERVICES:

2004-Present	Reviewer, <i>International Journal of Obstetric Anesthesia</i>
2001-Present	Reviewer, <i>Anesthesia and Analgesia</i>
2000-Present	Reviewer, <i>Regional Anesthesia and Pain Medicine</i> Reviewer, <i>Anesthesiology</i>

OTHER PROFESSIONAL APPOINTMENTS AND INSTITUTIONAL SERVICE: (Continued)

INTERNATIONAL MEDICAL SERVICES:

04/27/07-05/02/07	Participant, Kybele medical education program to Brazil. Eleven doctors from 4 countries taught regional anesthesia in 3 Brazilian maternity hospitals.
01/27/07-02/09/07	Coordinator, Kybele medical education program to Ghana. Seventeen doctors and nurses from 3 countries taught in 8 Ghanaian hospitals. A 5 year program commenced between Kybele and the Ghana Health Service to measurably reduce the high levels of maternal and neonatal mortality.
09/09/06-09/23/06	Coordinator, Kybele medical education program to the Republic of Georgia and Armenia. Twelve doctors from 4 countries worked in 19 hospitals and gave 3 CME courses.
01/18/06-01/28/06	Coordinator, Kybele medical education to Ghana. Twelve medical volunteers from 3 countries participated in a CME and clinical training program to reduce maternal and neonatal mortality in 3 hospitals in Accra, Ghana.
09/19/05-10/02/05	Coordinator, Kybele medical education program to Croatia. Fourteen doctors from 6 countries participated in a CME and clinical training program to teach obstetric anesthesia in 9 Croatian and 1 Slovenian hospital.
09/18/04-10/01/04	Coordinator, Kybele medical education program to Turkey. Eight physicians from 4 countries participated in a program to teach obstetric anesthesia in 9 Turkish university hospitals.
June 2003	Kybele site visit to Ghana (WFU Faculty Foreign Travel Award). Neonatal Resuscitation workshops were taught at Korle Bu Teaching Hospital Accra, Ghana and Komfo-Anokye Teaching Hospital Kumasi, Ghana
February 1996	Medical volunteer. Anesthesia services were provided at Umtata General Hospital, Umtata, South Africa (formerly Transkei)
August 1993	Medical volunteer, Health Volunteers Overseas. Anesthesia services were provided at St. Jude Hospital, St. Lucia, West Indies
August 1992	Medical volunteer and Spanish course participant. Hospital General Department of Anesthesia, San Jose, Costa Rica

PROFESSIONAL MEMBERSHIPS:

2001	International Health Medical Education Consortium
2000	Physicians for Human Rights
2000	Turkish Society of Anesthesiology and Reanimation
1998	Obstetric Anaesthetists Association
1998	Fulbright Association
1994	North Carolina Society of Anesthesiologists
1993	Society for Obstetric Anesthesia and Perinatology
1992	American Society of Anesthesiologists
1992	Health Volunteers Overseas

HONORS AND AWARDS:

April 2007	Harold R. Griffith Memorial Lecturer, McGill University, Montreal, Canada (\$1000)
2006, 2003	Guide to America's Top Physicians-Anesthesiology Consumer Research Council of America
2004	International Health Professional of the Year International Biographical Centre, Cambridge, England
March 2003	Wake Forest Faculty Foreign Travel Award (\$1500)
August 1998	Fulbright Scholarship to Turkey, Grant extension
August 1997	Fulbright Scholarship Senior Lecturer to Uludag University, Bursa, Turkey
August 1996	Outstanding Obstetrical Anesthesia Faculty Presented by Bowman Gray School of Medicine Nurse Anesthesia Graduating Class of 1996
March 1993	Honorable Mention: The effect of oral-transdermal clonidine on postoperative morphine sulfate requirements Midwest Anesthesia Resident's Conference
June 1993	First Place Award (\$1000): Glycyl-L-Glutamine ( $\beta$ - Endorphin-30-31) inhibits the central cardiorespiratory effects of $\beta$ -Endorphin-1-31 St. Luke's Hospital House Staff Research Day

HONORS AND AWARDS: (Continued)

INVITED LECTURESHIPS:

- 06/29/07 2<sup>nd</sup> International Symposium on Regional Anaesthesia and Pain Therapy, European Society of Regional Anaesthesia, Dubrovnik, Croatia  
• Epidural Blood Patch – A common sense approach
- 04/28/07 42<sup>nd</sup> Josulbra, South Brazilian Society of Anesthesia Meeting, Curitiba-Parana, Brazil  
• Fetal vitality and neonatal resuscitation – What the anesthesiologist should know
- 04/18/07-04/19/07 Visiting Professor, McGill University, Montreal, Canada  
• Resident education conference: Obstetric hemorrhage – Treatment options old and new  
• Harold R. Griffith Memorial Lecture: Kybele – A world view through an epidural needle  
• Joint grand rounds, Departments of anesthesiology and OBGYN: Obesity in pregnancy
- 03/06/07 The 23<sup>rd</sup> Anesthesia International Egyptian Conference. Education, evidence based medicine and patient safety, Cairo, Egypt  
• A window on the world of OB anesthesia  
• Obstetric regional anesthesia with uncommon medical conditions  
• Obstetric Hemorrhage – New treatment options
- 02/01/07 Reducing Maternal and Neonatal Mortality and Morbidity in Ghanaian Health Institutions, Volta Regional Hospital, Ho, Ghana  
• Anesthesia for caesarean section
- 01/29/07 Reducing Maternal and Neonatal Mortality and Morbidity in Ghanaian Health Institutions, Ridge Hospital, Accra, Ghana  
• Kybele project outside Ghana – Vision, achievements and challenges
- 09/20/06 Actual Problems of Obstetric Anesthesia: Kybele Program Refresher Course Lectures, Yerevan, Armenia  
• Introduction of Kybele program and speakers  
• Management of obstetric hemorrhage  
• Panel Discussion
- 08/10/06 Summer Update on Obstetric Anaesthesia: Joint Meeting Society for Obstetric Anesthesia and Perinatology and the Obstetric Anaesthetists' Association, Trinity College, Dublin, Ireland  
• Windows into world anesthesia opportunities

HONORS AND AWARDS: (Continued)

INVITED LECTURESHIPS:

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| 05/08/06 | Grand Rounds Wake Forest University Department of OBGYN<br>• A window on the world of obstetric anesthesia   |
| 03/03/06 | Texas Anesthesia Conference for Obstetrics 2006<br>• A window on the world of obstetric anesthesia<br>• Neonatal resuscitation – What the anesthesia provider should know                      |
| 01/21/06 | Reducing Maternal and Neonatal Morbidity and Mortality in Ghanaian Hospitals, Accra, Ghana<br>• Obstetric hemorrhage   |
| 09/24/05 | First International Obstetric Anesthesia Meeting, Bol, Croatia<br>• How to Win Over Colleagues and Establish a Pain Relief Service for labor<br>• Basic Neonatal Resuscitation                 |
| 05/06/04 | Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Palm Desert, CA<br>• Panel: International Aspects of Obstetric Anesthesia  |
| 05/05/04 | Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Palm Desert, CA<br>• Therapeutic Intervention during Newborn Resuscitation<br>• Neonatal Resuscitation Course Examiner |
| 11/09/04 | Essential Care of the Newborn Course, Korle Bu Teaching Hospital, Accra, Ghana<br>• Neonatal Resuscitation Practices in the USA<br>• Tutorial – Neonatal Resuscitation                         |
| 11/08/04 | Maternal Mortality, Obstetric Anesthesia and Obstetric Emergencies Symposium, Korle Bu Teaching Hospital, Accra, Ghana<br>• Obstetric Anesthesia Practices in the USA                          |
| 10/6/04  | Orioni Maternity Hospital, Tbilisi, Rep. of Georgia<br>• Combined Spinal-Epidural: Another Choice for Labor Analgesia  |
| 09/29/04 | Maltepe University, Istanbul, Turkey<br>• Childbirth Pain and its Treatment – The effects on Mother and Fetus  |

HONORS AND AWARDS: (Continued)

INVITED LECTURESHIPS:

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| 09/01/04 | Beth Israel Deaconess Hospital Department of Anesthesiology Grand Rounds, Boston, MA <ul style="list-style-type: none"><li>• From the Cradle of Civilization: Perspectives on Childbirth</li></ul>   |
| 09/01/04 | Fulbright Academy of Science and Technology Round Table Discussion, Harvard's Museum of Comparative Biology, Boston, MA  |
| 09/08/03 | 3 <sup>rd</sup> European-American Anesthesia Congress, Split, Croatia <ul style="list-style-type: none"><li>• Newborn Resuscitation: What the Anesthesiologist Needs to Know</li></ul>   |
| 08/28/03 | Rotary Club International, Winston-Salem, North Carolina <ul style="list-style-type: none"><li>• From the Cradle of Civilization, Perspectives on Childbirth</li></ul>   |
| 06/24/03 | Korle Bu Teaching Hospital, Accra, Ghana <ul style="list-style-type: none"><li>• Newer Methods of Pain Relief in Obstetric Anesthesia</li></ul>  |
| 06/20/03 | Korle Bu Teaching Hospital, Accra, Ghana <ul style="list-style-type: none"><li>• Workshop on Neonatal Resuscitation</li></ul>  |
| 06/18/03 | Komfo-Anokye Teaching Hospital, Kumasi, Ghana <ul style="list-style-type: none"><li>• Workshop on Neonatal Resuscitation</li></ul>   |
| 05/17/03 | Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Phoenix, Arizona <ul style="list-style-type: none"><li>• Educational Panel: The Current Issues in OB Anesthesia-International Opportunities</li></ul>  |
| 04/11/03 | Society of Brazilian Anesthesiologists Annual Meeting, Curitiba, Brazil <ul style="list-style-type: none"><li>• Newborn Resuscitation Workshop</li></ul>   |
| 06/06/02 | University of Missouri-Kansas City, St. Luke's Hospital, Department of Anesthesiology<br>Keynote Speaker for Annual Resident Graduation Dinner <ul style="list-style-type: none"><li>• From the Cradle of Civilization: Perspective on Childbirth Grand Rounds</li><li>• Combined Spinal Epidural (CSE)–A Better Choice for Labor Analgesia?</li></ul> |
| 05/09/02 | Obstetric Anaesthetists Association Annual Meeting, Nottingham, UK <ul style="list-style-type: none"><li>• Panel: Overseas Challenges, Video Presentation “Kybele”</li></ul>   |

HONORS AND AWARDS: (Continued)

INVITED LECTURESHIPS:

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| 05/05/02          | Society of Obstetric Anesthesia and Perinatology (SOAP) Annual Meeting, Hilton Head, South Carolina <ul style="list-style-type: none"><li>• Breakfast with the Experts. Topic: International OB Anesthesia Education Opportunities</li></ul>  |
| 03/13/02          | Duke University Department of Anesthesiology Grand Rounds, Durham, North Carolina <ul style="list-style-type: none"><li>• From the Cradle of Civilization - Perspectives on Childbirth</li></ul>  |
| 10/20/01          | Southern Regional International Health Medical Education Consortium (IHMEC) Conference. Moderated Q & A Session—Panelists, Wake Forest University School of Medicine <ul style="list-style-type: none"><li>• How do I Begin to Incorporate International Health into My Career?</li></ul> |
| 09/12/01          | General Clinical Research Series—Fall 2001, Winston-Salem, North Carolina <ul style="list-style-type: none"><li>• Protocols and Pitfalls of International Collaborative Research</li></ul>  |
| 03/30/01-04/01/01 | Continuing Medical Education Course, Hecettepe University Ankara, Turkey <ul style="list-style-type: none"><li>• Obstetric Anesthesia</li></ul>   |
| 02/17/01          | ESRA Zone Meeting/Uludag University Winter Symposium <ul style="list-style-type: none"><li>• Regional Anesthesia</li></ul>  |
| 12/13/00          | OB/GYN Grand Rounds, Forsyth Medical Center <ul style="list-style-type: none"><li>• From the Cradle of Civilization—Perspectives on OB Anesthesia</li></ul>   |
| 11/01/00          | Advances in Physiology and Pharmacology in Anesthesia and Critical Care. The Greenbrier, White Sulphur Springs, West Virginia <ul style="list-style-type: none"><li>• Newer Analgesic Techniques (CSE and PCEA)</li></ul>   |
| 10/23/99          | Panel Discussion: European Society of Regional Anesthesia - Zone Meeting, Brussels, Belgium <ul style="list-style-type: none"><li>• Intermittent Top-Ups Versus Continuous Infusion or PCEA: Who Benefits—the Parturient or the Anesthesiologist?</li></ul>                               |
| 10/01/99          | European Society of Regional Anesthesia, Istanbul, Turkey <ul style="list-style-type: none"><li>• Ropivacaine for Labor</li></ul>   |

HONORS AND AWARDS: (Continued)

INVITED LECTURESHIPS:

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| 09/30/99          | Panel Discussion: European Society of Regional Anesthesia, Istanbul, Turkey<br>• What's Better for Labor Analgesia—CSE or Epidural?   |
| 01/28/98          | Bursa Society of Anesthesiologists Meeting<br>• Sezaryerde Anesthezi  |
| 03/17/98-03/18/98 | Hecettepe University, Department of Obstetrics and Gynecology, Ankara, Turkey<br>• Anesthesia for Cesarean Section<br>• Childbirth Pain and its Treatment—The Effects on Mother and Fetus   |
| 11/26/97          | 3rd International Congress on Pain and Regional Anesthesia, Istanbul, Turkey<br>• Obstetric Anesthesia—What's New   |
| 02/23/96          | Umtata General Hospital, Umtata, South Africa, Medical Grand Rounds<br>• New Guidelines for Blood Transfusion Therapy   |
| 04/28/95-05/03/95 | Uludag University, Department of Anesthesiology, Bursa, Turkey<br>• The Appropriate Use of Muscle Relaxants and Peripheral Nerve Stimulators<br>• Postdural Puncture Headache—Diagnosis and Treatment<br>• Teaching Demonstration—The Use of Transesophageal Echocardiography During Open Heart Surgery |
| 11/09/94          | Uludag University, Department of Anesthesiology, Bursa, Turkey<br>• Non-Obstetric Surgery During Pregnancy  |

GRANTS:

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| 08/07    | The Obstetric Anaesthetists' Association: Two year \$60,000 educational grant for international Kybele programs |
| 03/09/07 | Foundation for Purposeful Living: \$2,000 educational grant for international Kybele programs                   |
| 01/11/07 | B. Braun: \$5,000 educational grant for international Kybele programs   |

GRANTS: (continued)

07/17/06	Society for Obstetric Anesthesia and Perinatology: \$5,000 educational grant for international Kybele programs
08/16/05	B. Braun: \$1,500 educational grant for international Kybele programs
07/28/05	Society for Obstetric Anesthesia and Perinatology: \$2,000 educational grant for international Kybele programs
11/05/04	World Federation Societies of Anesthesia: \$2,450 educational grant for international Kybele programs
9/09/04	Baxter, International Foundation: \$5,000 educational grant for international Kybele programs
8/19/04	B. Braun: \$1,500 educational grant for international Kybele programs
2004	STTR Phase I: 1 R41 DA018029-01, \$100,000 Collaborator; Pharmacotherapy for Opiate Addiction and Toxicity.
08/97-06/99	Fulbright Teaching Grant, \$50,000: To Develop a Curriculum for Obstetric Anesthesia Education in Turkey.

BIBLIOGRAPHY:

BOOKS:

Şahin Ş, Owen MD (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Bursa, Turkey: Nobel & Güneş Tip Kitabevi 2006.

BOOK CHAPTERS:

Şahin Ş, Owen MD. Türkiye'de ve dünyada obstetrik anestezi ve analjezi. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 1-8.

Owen MD. Gebelikte maternal fizyolojik değişiklikler. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 23-28.

Owen MD. Doğumda rejjondal analjezi. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 47-68.

Owen MD. Sezaryende genel anestezi. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 109-116.

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BOOK CHAPTERS:

Owen MD. Sezaryende genel anestezi komplikasyonlari. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 117-124.

Owen MD. Gebelikte diabet. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 145-154.

Owen MD. Gebelik ve obezite. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 155-162.

Owen MD. Kanamali obstetric hastada anestezi. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 191-202.

Owen MD. Neonatal resüsitasyon. In: Sahin S, Owen M (eds.) *Ağrisiz Doğum ve Sezaryende Anestezi*. Turkey: Nobel & Güneş Tip Kitabevi 2006, pp. 209-215.

Owen MD. Birth stories from the other side of the stirrups! In: Camann W, Alexander KJ (eds.) *Easy Labor: Every Woman's Guide to Choosing Less Pain and More Joy During Delivery*. New York: Random House, Inc., 2006, pp. 264-8.

Owen MD, D'Angelo R. Obesity. In: Palmer CM, D'Angelo R, Paech MJ, eds. *Handbook of Obstetric Anesthesia*. Oxford: BIOS Scientific Publishers Limited 2002, pp. 153-162.

Owen MD, Şahin Ş. Obstetric anaesthesia practices in Turkey. In: Reynolds F (ed.) *Regional Analgesia in Obstetrics: A Millennium Update*. London: Springer Verlag, 2000, pp. 59-64.

Owen MD. Anesthesia for the bleeding obstetric patient. In: Dewan D, Hood D (ed.) *Practical Obstetric Anesthesia*. Baltimore: W.B. Saunders, 1996, pp. 159-174.

JOURNAL ARTICLES:

Thomas JT, Pan PH, Harris LC, Owen MD, D'Angelo R. Dural puncture with a 27-gauge Whitacre needle as part of a combined spinal-epidural technique does not improve labor epidural catheter function. *Anesthesiology* 2005;103:1046-51.

Savona MR, Jacobsen MD, James R, Owen MD. Ultraviolet radiation and the risks of cutaneous malignant melanoma and non-melanoma skin cancer: Perceptions and behaviors of Danish and American Adolescents. *European Journal of Cancer Prevention* 2005;14(1):57-62.

Pan PH, Bogard TD, Owen MD. Incidences and characteristics of failures in obstetric neuraxial analgesia and anesthesia: A retrospective analysis of 19,259 deliveries. *International Journal of Obstetric Anesthesia* 2004;13(4):227-33.

BIBLIOGRAPHY: (Continued)

JOURNAL ARTICLES:

Owen MD, Gautier P, Hood DD. Can ropivacaine and levobupivacaine be used as a test dose during regional anesthesia? *Anesthesiology* 2004;100:922-5.

Kaya FN, Sahin S, Owen MD, Eisenach JC. Epidural neostigmine produces analgesia but also sedation in women after cesarean delivery. *Anesthesiology* 2004;100:381-385.

Sahin S, Owen M. Obstetric analgesia and anaesthesia in Turkey and in the world. *Turk Anaest Rean Cemiy Mecm* 2002;30:52-59.

Owen MD, Poss MJ, Dean LS, Harper MA. Prolonged intravenous remifentanyl infusion for labor analgesia. *Anesth Analg* 2002;94:918-919.

Owen MD, Thomas JA, Smith T, Harris LC, D'Angelo R. Ropivacaine 0.075% and bupivacaine 0.075% with fentanyl 2 µg/mL are equivalent for labor epidural analgesia. *Anesth Analg* 2002;94:179-183.

Owen MD, Unal CB, Callahan MF, Trivedi K, York C, Millington WR. Glycyl-L-glutamine inhibits the respiratory depression, but not the antinociception, produced by morphine. *Am J Physiol Regulatory Integrative Comp Physiol* 2000;279:1944-1948.

Owen MD, Dean LS. Ropivacaine. *Exp Opin Pharmacother* 2000;1:325-336.

Owen MD, Ririe D. The role of international experience in residency training. *Am J Anesthesiol* 2000;27:45-47.

Owen MD, Özşaraç Ö, Şahin İ, Uçkunkaya N, Kaplan N, Malunaci I. Low-dose clonidine and neostigmine prolong the duration of intrathecal bupivacaine-fentanyl for labor analgesia. *Anesthesiology* 2000;92:361-366.

Meister G, D'Angelo R, Owen M, Nelson K, Gaver R. A comparison of epidural analgesia with 0.125% ropivacaine with fentanyl versus 0.125% bupivacaine with fentanyl during labor. *Anesth Analg* 2000;90:632-637.

Owen MD, D'Angelo R, Gerancher JC, Thompson JM, Foss ML, Babb JD, Eisenach JC. 0.125% ropivacaine is similar to 0.125% bupivacaine for labor analgesia using patient-controlled epidural infusion. *Anesth Analg* 1998;86:527-531.

Owen MD, Gürün MS, Zaloga GP, Millington WR. Glycyl-L-glutamine [ $\beta$ -endorphin<sup>-30-31</sup>] attenuates hemorrhagic hypotension in conscious rats. *Amer J Physiology* 1997;273(S Pt2):R1598-1606.

Owen MD, Fibuch EE, McQuillan R, Millington WR. Postoperative analgesia using a low-dose oral-transdermal clonidine combination: lack of clinical efficacy. *J Clin Anesth* 1997;9:8-14.

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JOURNAL ARTICLES:

Unal CB, Owen MD, Millington WR. Cyclo(Gly-Gln) inhibits the cardiorespiratory depression produced by  $\mu$ -endorphin and morphine. *Brain Res* 1997;747:52-59.

Gürün MS, Leinbach R, Moore L, Lee C-S, Owen MD, Eisenach JC. Studies on the safety of glucose and paraben-containing neostigmine for intrathecal administration. *Anesth Analg* 1997;85(2):317-323.

Owen MD, Stiles MM, Opper, SE, McNitt JD, Fibuch EE. Autonomic hyperreflexia in a pregnant paraplegic patient. *Reg Anesth* 1994;19:415-417.

Unal CB, Owen MD, Millington WR.  $\mu$ -Endorphin-induced cardiorespiratory depression is inhibited by glycyl-L-glutamine, a dipeptide derived from  $\mu$ -endorphin processing. *J Pharmacol Exp Ther* 1994;271:952-958.

Holmes F, Borek D, Owen-Kummer M, Hassanein R, Fishback J, Behbehani A, Baker A, Holmes G. Anal cancer in women. *Gastroenterology* 1988;95:107-111.

Perchellet JP, Posey TD, Owen MD. Comparison of the inhibitory effects of diverse amino acids and amino acid analogs on 12-O-tetradecanoylphorbol-13-acetate-induced ornithine decarboxylase activity in isolated epidermal cells. *Biochemica et Biophysica Acta* 1985;844:182-192.

Perchellet JP, Owen MD, Posey TD, Orken DK, Schneider BA. Inhibitory effects of glutathione level-raising agents and D-alpha-tocopherol on ornithine decarboxylase induction and mouse skin tumor promotion by 12-O-tetradecanoylphorbol-13-acetate. *Carcinogenesis* 1985;6:567-573.

ABSTRACTS:

Kopic DB, Sedensky M, Karelavic D, Balic I, Owen MD. Regional anesthesia in Croatian obstetrics after Kybele education program. *Anesthesiology* 2007;106:A29.

Amroyan A, Millar S, Owen MD. Survey of obstetric anesthesia practices in Armenia. *Anesthesiology* 2007;106:A60.

Councilman-Gonzalez LM, Clyne BB, Schultz JR, Owen MD. Initiating an obstetric anesthesia collaboration to reduce maternal morbidity and mortality in Republic of Georgia. *Anesthesiology* 2007;106:A-222

Perkovic M, Kopic D, Owen MD, Ujevic A, Perkovic S. Evaluation of Kybele program for Croatia. *Anesthesiology* 2006;104:A49. Available at <http://www.asaabstracts.com/>.

Ross VH, Pan PH, Harris LC, Clyne BB, Misa VS, Owen MD, Eisenach JC. Epidural neostigmine-bupivacaine for the treatment of labor pain. *Anesthesiology* 2006;104:A33. Available at <http://www.asaabstracts.com/>.

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Misa VS, Pan PH, Owen MD. Comparison of visual analog pain scale (VAPS) and verbal numeric rating scale (VNRS) for pain assessment during labor analgesia. Society for Obstetric Anesthesiology and Perinatology 37<sup>th</sup> Annual Meeting, Palm Desert Springs, CA, May, 2005.

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Pan PH, Beck C, Bogard T, Owen MD. Labor epidural catheter-in-situ for postpartum tubal ligation surgery: a revisit. American Society of Anesthesiologists Annual Meeting, Las Vegas, NV, October 2004

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Pan PH, Bogard T, Owen MD, Beck C. Labor epidural catheter-in-situ for postpartum tubal ligation surgery – A revisit. Society of Obstetric Anesthesia and Perinatology 36<sup>th</sup> Annual Scientific Meeting, Ft. Myers, FL, May 2004.

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POSTERS:

Unal CB, Owen-Kummer MD, Millington WR. Inhibition of  $\beta$ -endorphin-1-31 induced hypotension by glycyl-L-glutamine. Society for Neuroscience, Washington DC, November 1993.

PERSONAL INTERESTS:

Interior decorating; Scuba diving; Watercolor painting:

- "Croak-ette Anyone," Viewer's Choice Award, First Place Award, American Society of Anesthesiologists, Annual Meeting Art Exhibit, New Orleans, Louisiana, October 2001.
- "Wild Sunflowers," Second Place Award, American Society of Anesthesiologists, Annual Meeting Art Exhibit, Atlanta, Georgia, October 1995.
- "Fins in Fantasea," Second Place Award, American Society of Anesthesiologists, Annual Meeting Art Exhibit, New Orleans, Louisiana, October 1992.
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