

SASHA M. DEMOS, M.D., Ph.D.

HOME ADDRESS

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WORK ADDRESS

Dupage Valley Anesthesiologists
40 Shuman Blvd, Suite 275
Naperville, IL 60563
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EDUCATION

1995-1999 M.D.
1993-1997 Ph.D. Bioengineering
1991-1993 B.S. Biophysics
1989-1991

University of Chicago
University of Illinois at Chicago
University of Illinois at Urbana
University of Miami

RESIDENCY

7/00- 12/31/03 University of Chicago
Department of Anesthesia and Critical Care

7/99-6/00 Macneal Hospital Transitional Year Internship, Berwyn, IL

EMPLOYMENT

7/2011-Present Chairman, Department of Anesthesia, Edward Hospital

1/2004-Present Dupage Valley Anesthesiologists, Edward Hospital,
Naperville, IL Staff Anesthesiologist

7/2014-Present Senior Medical Consultant
Murer Consultants - a legal-based health care management
consulting firm.

4/2013-Present Adjunct Professor of Bioengineering
University of Illinois- Chicago

6/2005-Present Anesthesiologist, Center for Surgery, Naperville, IL

6/2007-Present Anesthesiologist, Dupage Medical Group Surgery Center,
Lombard, IL

7/09-7/2011 Vice Chairman, Dupage Valley Anesthesiologists, Ltd.

7/2007-7/2011 Director of Obstetrical Anesthesia, Edward Hospital

1/2004-8/2012 Member of Pediatric Anesthesia Team, Edward Hospital

- 1994-1997 Research Assistant; University of Illinois at Chicago,
Department of Pharmaceutics and Pharmacodynamics,
Stipend and Tuition
- 1995, 1996 Research Assistant; Northwestern University, Department of
Surgery

BOARD CERTIFICATION

Diplomat of the American Board of Anesthesiology, Initial Certification 2005;
Recertification 2015

COMMITTEES

- 7/2011-Present Medical Executive Committee, Edward Hospital
- 3/2015-Present Edward Narcotic Diversion Prevention Committee
- 7/09-7/2011 Edward Hospital Quality Committee
- 3/2006-Present Executive Committee Dupage Valley Anesthesiologists

PATENT

Alkan H, Klegerman M, Vonesh MJ, McPherson DD, **Murer S**, Kane B.
*Acoustically Reflective Liposomes and Methods to Make and Use the
Same.* University of Illinois and Northwestern University. Filed
04/09/92. Approved 09/95. Continuation Filed March 12, 1996.
Patent # 5858399

DOCTORAL DISSERTATION

Demos SM, *Acoustically Reflective Liposomes for Tissue Specific
Ultrasonic Enhancement*, 1997.

BOOK CHAPTERS

Demos, SM (2015) CCMA: A Physician's Perspective. In C. Murer, *Clinical
Co-Management: A Bridge to Clinical Integration and Pathway to
Bundled Payments (pp. 19-43)*. CRC Press, Routledge-Taylor & Francis
Group.

Demos, SM (2002) Soy; *Essence of Anesthesia Practice*, Second Edition.
Edited by Roizen MF, Fleisher LA. WB Saunders.

PUBLISHED MANUSCRIPTS

Klegerman M, Huang S, Parikh D, Martinez J, **Demos SM**, Onyuksel H,
McPherson D. Lipid Contribution to the affinity of antigen association
with specific antibodies conjugated to liposomes. *Biochimica et
Biophysica-Acta – Biomembranes*. 1768(7), 1703-1716, 2007.

Demos SM, Alkan-Onyuksel H, Kane BJ, Ramani K, Nagaraj A, Green R, Klegerman ME, McPherson DD. In vivo targeting of acoustically reflective liposomes for intravascular and transvascular ultrasonic enhancement. J Am College Cardiology. 33(3): 867-875, 1999.

Demos SM, Dagar S, Klegerman M, Nagaraj A, McPherson DD, Onyuksel H. In vitro targeting of acoustically reflective immunoliposomes to fibrin under various flow conditions. J Drug Targeting. 5(6):507-518, 1998.

Demos SM, Alkan-Onyuksel H, Gilbert J, Roth SI, Kane B, Jungblut P, Pinto JV, McPherson DD, Klegerman ME. In vitro targeting of antibody-conjugated echogenic liposomes for site-specific ultrasonic enhancement. J Pharm Sci. 86:167-171, 1997.

Alkan-Onyuksel H, **Demos SM**, Lanza GM, Vonesh MJ, Klegerman ME, Kane BJ, Kuszak J, and McPherson DD. Development of inherently echogenic liposomes as an ultrasonic contrast agent. J Pharm Sci. 85:486-490, 1996.

AWARDS

- 2000 Intern of the Year, Macneal Hospital, Transition Year Program
- 1996 Leonard J. Cerullo Medical Scholarship sponsored by the Joint Civic Committee of Italian Americans
- 1996 Midwest Trainee Investigator Award sponsored jointly by the Midwest Section, American Federation for Clinical Research and The Central Society for Clinical Research
- 1994 University Fellowship sponsored by the University of Illinois- Chicago
- 1990 Unico Italian American Academic Scholarship
- 1990 Henry Stanford King Undergraduate Academic Scholarship, University of Miami

VOLUNTEER MEDICINE

- 2000 Himalayan Health Care - Medical Trek to rural Nepal to construct a clinic and provide free primary health care to Nepalese children and adults with otherwise no access to any type of medical care.

SOCIETIES

- American Society of Anesthesiologists
- Illinois Society of Anesthesiologists
- Delegate Illinois Society of Anesthesiologists - 2015-2016
- Illinois State Medical Society
- Dupage County Medical Society
- Board member District 3 DCMS 2016-2017
- Biomedical Engineering Society

PRESENTATIONS

“Perioperative Surgical Home and Clinical Co-Management” presented to Murer Consultants, 1,2015

“Perioperative Surgical Home” presented to Edward Elmhurst System Corporate Management Team, 4/2014

“Perioperative Surgical Home” presented to Edward Hospital Senior Staff, 2/2014

“Identification of the Patient with a Difficult Airway” presented to Edward Hospital OR nursing staff 2,2014

“Malignant Hyperthermia” presented to Edward Hospital OR nursing staff 5,2013

“Management of the Parturient with a Difficult Airway” presented to Edward Hospital OB nursing staff, 12,2011

updated 2/16