

AARON CAPUANO, M.D.

Aesthetic and Reconstructive Surgeon
700 East Palisade Avenue, First Floor
Englewood Cliffs, NJ 07632
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EDUCATION:

Undergraduate:

Arizona State University August 1992-May 1994
Tempe, Arizona

Syracuse University August 1994-December 1996
Syracuse, New York B.S., Biology, Concentration Biochemistry, Cum Laude with Honors Thesis
December 1996, GPA 3.42

Graduate:

Georgetown University August 1998-August 1999
Washington, DC
M.S., Physiology and Biophysics, Cum Laude with Thesis
August 1999, GPA 3.45

Saint George's University, School of Medicine January 2001-May 2005
Grenada, West Indies
M.D., International Honors Society Member, Iota Epsilon Alpha
May 2005, GPA 3.53

TRAINING:

PGY 1:

Intern, General Surgery July 2005-June 2006
Monmouth Medical Center
Long Branch, New Jersey
Chairman: Michael Goldfarb, M.D. F.A.C. S.

PGY 2 – 4:

Resident, General Surgery July 2006-June 2009
Monmouth Medical Center
Long Branch, New Jersey
Chairman: Michael Goldfarb, M.D. F.A.C. S.

PGY 5:

Administrative Chief Resident, General Surgery July 2009-June 2010
Monmouth Medical Center
Long Branch, New Jersey
Chairman: Michael Goldfarb, M.D. F.A.C.S.

PGY 6 & 7:

Resident, Plastic Surgery July 2010-June 2012
Detroit Medical Center, Wayne State University
Detroit, Michigan
Chairman: Eti Gursel, MD

LICENSING AND CERTIFICATIONS:

Board Certified Plastic Surgeon

Board Certified General Surgeon

Certificate of Completion of Residency in General Surgery

State of New Jersey, Board of Medicine, Physician License

State of New Jersey, CDS License

State of Michigan, Board of Medicine, Physician License

State of Michigan, Board of Pharmacy, Controlled Substance License

Federal DEA License

United States Medical Licensing Exam

ECFMG Certificate, June 6, 2005

FLS Certification (Safe Practices in Laparoscopic Surgery)

AO Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction

Basic Microsurgery

ATLS Certified: August, 2006

ACLS/BLS Certified, September 2011 – 2013

RESEARCH EXPERIENCE:

Monmouth Medical Center July 2005-June 2010

Drexel University, School of Medicine

Long Branch, New Jersey

Department of Surgery

Project summary: Laparoscopic Paraesophageal hernia repair, ROSE procedure, BARS closure of TRAM flap abdominal wounds, MRCP vs ERCP, Amputation level after failed revascularization, Resident errors, Smart phone use for remote patient evaluation.

Mentor: Michael Goldfarb MD, FACS

Jersey Shore University Medical Center August 2006-December 2008

Robert Wood Johnson School of Medicine

Neptune, New Jersey

Department of Trauma Surgery

Cervical Spine Clearance in the Obtunded Blunt Trauma Patient

Mentor: Ivan Maldonado MD, FACS

Pfizer Global Research and Development March 2000-December 2000

Groton, Connecticut

Department of Cardiovascular and Metabolic Diseases

Associate Scientist, Discovery Biology

Osteoporosis and Muscle Frailty Groups

Brown University School of Medicine December 1996-August 1998

Rhode Island Hospital, Providence, Rhode Island October 1999-February 2000

Department of Orthopedics

Pathways of Endochondral Ossification, Tissue Engineering, Pulsed Electromagnetic Fields

Mentors: Roy Aaron, MD, FACS, McK Ciombor PhD, Michael Ehrlich MD, FACS

Syracuse University August 1994-December 1996
Syracuse, New York
Department of Biochemistry
Cholesterol Binding Protein Isolation and Characterization
Mentor: Samuel Chan, PhD

HONORS AND ACHIEVEMENTS:

Winner of Resident Manuscript Competition of the American College of Surgeons Annual Congress 2009, New Jersey Chapter for: Prospective Single Site Case Series Utilizing an Incisionless Operating Platform for Revision of Post-RYGB Stomal and Pouch Dilatation.

Received first place Award of the Ellen Cosgrove MD, House Staff Research Competition 2009, Monmouth Medical Center, Poster presentation for: Prospective Single Site Case Series Utilizing an Incisionless Operating Platform for Revision of Post-RYGB Stomal and Pouch Dilatation.

Second place, Resident Manuscript Competition of the American College of Surgeons Annual Congress 2008 for: Clinical algorithm for cervical spine clearance in blunt trauma including evaluation of the obtunded patient.

Received first place, Surgical Award, and first place Orthopedic Award of the Ellen Cosgrove MD, House Staff Research Competition 2007, Monmouth Medical Center for: Clinical algorithm for cervical spine clearance in blunt trauma including evaluation of the obtunded patient

Winner of the Resident Manuscript Competition of the American College of Surgeons Annual Congress 2007, New Jersey Chapter; Received first place in the Medical Staff Award for Overall Excellence, first place Surgical Award, and first place Howard Strauss Cardiology Award in the Ellen Cosgrove MD, House Staff Research Competition 2006, Monmouth Medical Center for: Amputation level after failed open revascularization: The use of a comorbidity scoring system as prognostic for level of amputation.

Saint George's University: International Honors Society Member, Iota Epsilon Alpha

Syracuse University Donald G. Lundgren Memorial Award for Excellence in Research and Academic Achievement, Research Based Undergraduate Honors Society

PUBLIC SERVICE AND VOLUNTEER ACTIVITIES:

Hospital de la Familia, Surgical Mission to Guatemala. February, 2010 Nuevo Progreso,

Guatemala
Surgeon

American Red Cross, Rhode Island Crisis Center Volunteer: August, 2003-2005
Shelter operations group, general preparedness for disaster planning
Trained, planned for, and executed the operation of shelters to receive victims of natural and manmade disasters and provide for their care

Brown University in the Department of Orthopedics, Summers 2001-2003
Volunteer, Research Assistant
Project: Cell and tissue culture, and immunohistochemical assays, to validate pathways related to cytokine production in synoviocytes following exposure to electromagnetic fields.

Saint George's University, School of Medicine January, 2001-August, 2001
Class Representative, Communications Committee Chairman

Sapodilla Home for Abandoned and Abused Children of Grenada, March, 2001-January, 2002
Raised money through organization and execution of several fund-raiser events

American Red Cross CPR, First Aid and Lifeguard instructor, June, 1994-1996

Rhode Island Hospital, Providence, Rhode Island August 1993-1994
Volunteer patient liaison, Emergency Department

Arizona State University, Tempe, Arizona, Peer Counselor: January, 1993-1994
Health issues including HIV and STD awareness, substance abuse

PEER REVIEW PUBLICATIONS:

Borao F, Gorcey S, Capuano A, Prospective single sight case series utilizing the Endosurgical operating system for revision of post-RYGB-stomal and pouch dilation. Surgical Endoscopy, Volume 24, Number 9, 2308-2313

Campbell AM, Capuano A, Chan SH.: A cholesterol-binding and transporting protein from rat liver mitochondria. Biochim Biophys Acta. 2002 Dec 23;1567(1-2):123-32

Aaron RK, Ciombor DM, Keeping H, Wang S, Capuano A, Polk C.: Power frequency fields promote cell differentiation coincident with an increase in transforming growth factor-beta(1) expression. Bioelectromagnetics. 1999 Oct;20(7):453-8

INVITED LECTURES:

Capuano A, Borao F, Gorcey S, Prospective single sight case series utilizing the Endosurgical operating system for revision of post-RYGB-stomal and pouch dilation. American College of Surgeons Annual Congress, New Jersey Chapter, 2009

Borao F, Gorcey S, Capuano A, Prospective single sight case series utilizing the Endosurgical operating system for revision of post-RYGB-stomal and pouch dilation. SAGES Meeting, April 2009

Capuano A, Maldonado I, Hanna N, Clinical algorithm for cervical spine clearance in blunt trauma including evaluation of the obtunded patient. American College of Surgeons Annual Congress, New Jersey Chapter, 2008

Capuano A, Maldonado I, Hanna N, Clinical algorithm for cervical spine clearance in blunt trauma including evaluation of the obtunded patient. Society of Critical Care Medicine, 37th Annual Congress, 2007 (Abstract/poster presentation)

Cheng-Robles D, Capuano A, Amputation level after failed open revascularization: The use of a comorbidity scoring system as prognostic for level of amputation. American College of Surgeons Annual Congress, New Jersey Chapter, 2007

Capuano A. Chan S. A cholesterol-binding and transporting protein from rat liver mitochondria. Syracuse University, Department of Biology, Honors Society

ABSTRACTS AND POSTERS:

Borao F, Gorcey S, Capuano A, Prospective single sight case series utilizing the Endosurgical operating system for revision of post-RYGB-stomal and pouch dilation. SAGES Meeting, April 2009

Capuano A, Maldonado I, Hanna N, Clinical algorithm for cervical spine clearance in blunt trauma including evaluation of the obtunded patient (Abstract/Poster). Society of Critical Care Medicine, 37th Annual Congress, 2007

Cheng-Robles D, Capuano A, Amputation level after failed open revascularization: The use of a comorbidity scoring system as prognostic for level of amputation. American College of Surgeons Annual Congress 2007, New Jersey Chapter

Ibebunjo C. Capuano A. Simmons H. Schelhorn R. Wilkins W. Salatto C. et al. Muscle and bone changes with age: An aged male rat model for frailty research. Age related changes in muscle mass and function in fats. (Abstract) Annual International Workshop on Musculoskeletal and Neuronal Interactions, 2002 Corfu, Greece

R.K. D. Aaron, McK Ciombor, A. Capuano, S Wang and B. Simon. Modification of osteoarthritis by electromagnetic fields, a morphological study. Brown University, and EBI, LLC Osteogen, 1999

R.K., D Aaron, McK. Ciombor, A. Capuano, S. Wang and B. Simon. Modification of osteoarthritis in the guinea pig – A morphological study. Trans. Ortho. Res. Soc. 24:437; 1999. (Abstract)

Aaron, R.K., D. McK. Ciombor, A. Capuano, and S. Wang. Regulation of articular cartilage extracellular matrix homeostasis by EMF (Abstract). Second Symposium of the International Cartilage Repair Society; 1998. (Abstract)

OTHER RESEARCH ACTIVITIES / LECTURES:

A. Capuano, M. Knight, P. Pearce, MA Goldfarb. Use of Smart Phone Image Transfer for Remote Patient Evaluation on a General Surgical Service. Paper submitted to the Ellen Cosgrove MD, House Staff Research Competition 2007, Monmouth Medical Center, 2010.

A. Capuano, W. Train, M. A. Goldfarb. “The Blame Game” Characterization of Surgical Resident Errors that Result in Adverse Outcomes in the Absence of an Attending at a Community Teaching Hospital. Paper submitted to the Ellen Cosgrove MD, House Staff Research Competition 2007, Monmouth Medical Center, 2010.

Andrew I. Elkwood MD, Aaron M. Capuano MD, Matthew R. Kaufman MD, Michael I. Rose MD, Tushar R. Patel MD. BARS: The bony anchoring reinforcement system. Abstract, Journal of Plastic and Reconstructive Aesthetic Surgery, 2010

Ulises Torres MD, Diana Cheng-Robles MD, Aaron Capuano MD, Michael A. Goldfarb MD FACS How does MRCP affect ERCP frequency? Presented at the Ellen Cosgrove Annual Research Competition, Monmouth Medical Center, 2005

Capuano A, Supressors of Cytokine Signaling (SOCS), Review of current knowledge and medical application. Masters Thesis, Georgetown University, 1999

Ibebunjo C, Capuano A, Assessment of biomarkers of protein anabolism in skeletal muscle during the life span of the rat: sarcopenia despite elevated protein synthesis. Presented at the Pfizer Global Research and Development Annual Research Symposium

Modification of osteoarthritis in the guinea pig – A Morphological Study. Presented to the Brown University, Department of Orthopedics, 1998

Modification of osteoarthritis and upregulation of TGF β by EMF. Presented to the Brown University, Department of Orthopedics, 1998

SOCIETAL MEMBERSHIPS:

American College of Surgeons, Member

REFERENCES:

Available upon request