

# Jose de la Cruz Napoli MD MSc

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## Education

Present	Assistant Professor Director, Comprehensive Ophthalmology Services. Attending Surgeon, Artificial Cornea Program University of Illinois Eye and Ear Infirmary, Chicago, IL
July 2006-July 2007	Associate Staff Advanced Refractive/Cornea Surgery Clinical Fellowship University of Illinois Eye and Ear Infirmary Chicago, IL.
July, 2005-July 2006	Associate Staff Cornea/External Disease & Refractive Surgery Clinical Fellowship Massachusetts Eye & Ear Infirmary Harvard Medical School, MA
July, 2004-July, 2005	Chief Resident, Ophthalmology New York Eye and Ear Infirmary, NY
July, 2002-June, 2005	Ophthalmology Residency New York Eye & Ear Infirmary, NY
July, 2001-June 2002	Internal Medicine Internship Saint Vincents Catholic Medical Center Staten Island, NY
June,1996-May, 2001	MD Ponce School of Medicine, Ponce PR
June, 1991-December 1994	MSc Environmental/Human Performance Physiology Indiana University, Bloomington IN

July, 1987-May, 1991

BS  
Human Performance Physiology  
Minor Psychology  
Indiana University, Bloomington IN

## **Awards/Achievements**

### **Academics**

ASCRS Foundation Research Grant. Improving Keratoprosthesis Outcomes with Anterior Segment Optical Coherence Tomography. March 2008.

William H. and Judith Turner Excellence in Residency Award, New York Eye and Ear Infirmary, New York, 2005

St Joseph Mercy Hospital Summer Internship Program, Ann Arbor, Michigan, 1998

Grant in Aid Award for Study of Specific Resistance of Blood in Measure of Cardiac Output Study, Indiana University, 1993

CIC Fellowship Award for Graduate Studies, Human Performance Physiology, Indiana University, 1991-92

### **Sports**

Member of Puerto Rico National Cycling Team, 5 time medalist nationally and member of Central American, Pan-American & World Cup Teams. 1985-1996

Member of Indiana University Collegiate Cycling Team, Two Time Collegiate Champions, 1993, 1994

Athletic Achievement Award given by the city of San Juan to the most outstanding student athlete, 1990

## **Interests/Research Experience**

Surveillance of Bandage Contact Lenses over Keratoprosthesis. Culture/SEM Analysis. Cornea & Contact Lens Service, Illinois Eye & Ear Infirmary. Present

Advances in Keratoprosthesis Transplantation, Cornea and Refractive Surgery Service, Illinois Eye and Ear Infirmary. Present

Anterior Segment Imaging and Keratoprosthesis. Illinois Eye and Ear Infirmary/New York Eye & Ear Infirmary. Present.

New Techniques in Refractive Surgery, Cornea and Refractive Surgery Service, Dimitri Azar MD. Illinois Eye and Ear Infirmary. Present

Bilateral Optic Neuritis. Neurophthalmology Service, Mark Kupersmith MD, New York Eye & Ear Infirmary 2002-2005

LASIK Surgical Procedures for Myopia, Hyperopia & Astigmatism. Federico Maestre MD, Kenneth Kenyon MD, Eye Care of San Juan, 1999-2001

## **Lecturer/Speaker**

Speaker. Avoiding Intra-operative Complications in KPro surgery. Illinois Eye Ear Infirmary Cornea Course, ASCRS March 2008

Speaker. Threaded vs Threadless Boston KPro: An Anterior Segment Imaging Evaluation. ASCRS, Chicago March 2008

Speaker. Illinois Eye Review Course: Lens Anatomy, Corneal/Conjunctival Neoplasias, Eye Trauma, Chemical Mechanical Injuries. Chicago, March 2008.

Speaker. Fifth Annual Corneal, Cataract, and Refractive Surgery Symposium, October 13, 2006. University of Illinois Eye and Ear Infirmary, Chicago IL

Invited Instructor, Massachusetts Eye and Ear Infirmary/Harvard Medical School Intensive Cataract Surgery Course. Harvard Medical School, Boston, MA. May 2007/2008.

Invited Speaker. Keratoprosthesis as alternative to multiple corneal graft failure. Grand Rounds December 2006. Yale Eye Center. New Haven, Conn.

Speaker. New Techniques in Corneal Transplantation: Keratoprosthesis-Boston KPRO Transplantation. Fourth Annual Corneal, Cataract, and Refractive Surgery Symposium, October 13, 2006. University of Illinois Eye and Ear Infirmary, Chicago IL

Lecturer, Lancaster Course, June 2006/2007. Colby College, Maine. Topics: Metabolic Disease and the Cornea ,Ocular Surface Tumors, Viral Keratitis

Invited Speaker. New York Intraocular Lens Society, May, 2006. Topic Advances in Keratoprosthesis. New York, NY

Invited Speaker, History and new techniques in Keratoprosthesis Surgery Grand Rounds, New York Eye and Ear Infirmary, May 2006.. New York NY

## **Publications**

### **Papers**

Garcia J, de la Cruz J, Rosen R., Buxton D. Imaging Implanted Keratoprostheses with Anterior Segment Optical Coherence Tomography and Ultrasound Biomicroscopy. Feb 2008 Cornea

de la Cruz J, Pineda R, Behlau I. Case Report: Atypical Mycobacteria Keratitis after Laser In Situ Keratomileusis Unresponsive to Fourth Generation Fluoroquinolone Therapy. July 2007, J Cataract Refract Surg.

Ghanem R, de la Cruz J, Tobagay F, Ang L, Azar D. LASIK in the Presbyopic Age Group: Safety, Efficacy, and Predictability in 40-69 Year Old Patients. Ophthalmology 2007

de la Cruz J, Pineda R, Atypical Mycobacteria after LASIK Refractive Procedure. 2007. Ophthalmology International Clinics. 2007

de la Cruz J, Kupersmith M. Clinical Profiles of Bilateral Optic Neuritis. British Journal of Ophthalmology, May, 2006.

Perez NL, Marrero H, de la Cruz J, Smith DS, Blanco RE, del Castillo J. Transient Wrinkles in a Tendon. Neuroscience, November 1995.

Perez NL, de la Cruz J, Smith DS, del Castillo J. Properties of Wrinkling Induced by Compression in the Spine Ligament of Eucidaris Tribuloides. Puerto Rico Journal of Neuroscience December 1996

De la Cruz J, Harms C, Babington JP, Stager JM. Changes in Blood Resistivity Over a Sub-Maximal Exercise Bout. Medicine and Science in Sports and Exercise. Supplement, May 1994

## Posters

S. Gupta, J.P. Garcia, D.C. Ritterband, J.J. de la Cruz. Evaluation of Anterior Chamber Depth in Aphakic and Pseudophakic Patients With Boston Type 1 Keratoprosthesis. ARVO Ft Lauderdale 2008.

V. Sheth, M. Blair, J. De la Cruz. Macular Optical Coherence Tomography Findings in Boston Type 1 Keratoprosthesis Patients at the Illinois Eye and Ear Infirmary ARVO Ft Lauderdale 2008.

S. Elderkin, J. De la Cruz, J.P. Garcia, Jr., D.C. Ritterband. Angle Structures in Patients Implanted With Type I Boston Keratoprosthesis Utilizing Anterior Segment Optical Coherence Tomography. ARVO Ft Lauderdale 2008.

J.P. Garcia, Jr., D.C. Ritterband, A. Ko, J.A. Seedor, D.F. Buxton, J. De la Cruz Evaluation of the Stability of Boston Keratoprosthesis Type I - Donor Cornea Interface Utilizing Anterior Segment Optical Coherence Tomography. ARVO Ft Lauderdale 2008.

M. Parikh, T. Vajaranant, J. De La Cruz. Retinal Nerve Fiber Layer OCT as an Adjunct in Glaucoma Monitoring After Boston Keratoprosthesis. ARVO Ft Lauderdale 2008.

de la Cruz J, Jain S, Kojima T, Hallak J, Gibbons, Chang J-H, Azar DT. HSP27 Expression During Conreal Wound Healing. ARVO, Ft Lauderdale, FL, 2007.

Garcia J, de la Cruz J, Buxton D, Rosen R. Anterior Segment Imaging of Implanted Keratoprosthesis. ARVO, Ft Lauderdale FL. 2007.

de la Cruz J, Ponce, A, Buxton D. Evaluation of Posterior Capsule Integrity by Ultrasound Biomicroscopy After Nonpenetrating Blunt Trauma. ASCRS, San Diego CA, 2007.

de la Cruz J, Azar D. Direct and Indirect Methods of Stromal Thickness Measures in Refractive Surgery, AAO 2006 Annual Meeting, Las Vegas, NV.

Babington JP, de la Cruz J, Ardel M, Stager JM. Specific Resistance of Blood in Healthy Males and Females. Medicine and Science in Sports and Exercise 25(5), Supplement, May 1993

## Chapters

Jose de la Cruz, Joelle Hallak, Sandeep Jain and Dimitri Azar. Infectious after Refractive Surgery. in Management of Complications in Refractive Surgery. 1<sup>st</sup> Edition. Alio J, Azar DT

David Fahad, Jose de la Cruz, Sandeep Jain, Dimitri Azar. Corneal Haze after Refractive Surgery. . in Management of Complications in Refractive Surgery 1<sup>st</sup> Edition. Alio J, Azar DT.

Johnny M Khoury, Rola N. Haman, Tat Keong Chang, Ramon Ghanem, Jose de la Cruz and Dimtri Azar. Intracorneal Alloplastic Inclusions and Femtosecond Laser Lamellar Surgery. In Refractive Surgery 2<sup>nd</sup> Edition, Azar DT. Mosby Elsevier.

Jose de la Cruz, Dimtri T. Azar. Lasik for Myopia, Hyperopia and Astigmatism. In Principle and Practice of Ophthalmology 3<sup>rd</sup> Edition. Albert, Miller, Azar, Blodi.

Dimtri T. Azar, Jose de la Cruz, Liane Clamen, Paul Flikier. Secondary Intraocular Lens Implantation. In Principle and Practice of Ophthalmology 3<sup>rd</sup> Edition. Albert, Miller, Azar, Blodi.

Jose de la Cruz, Dimitri T Azar, Walter Stark. Excimer Laser Phototherapeutic Keratectomy. In Principle and Practice of Ophthalmology 3<sup>rd</sup> Edition. Albert, Miller, Azar, Blodi.

Jose de la Cruz, Dimitri Azar. Crystalline Lens and Cataract. In Manual of Ocular Diagnosis and Therapy. 6<sup>th</sup> Edition Langston D.

**Licenses/Certifications** New York State Medical License  
Massachusetts State Medical License  
Illinois State Medical License

**Professional Affiliations**  
American Academy of Ophthalmology  
American Society of Cataract and Refractive Surgery  
Association for Research in Vision and Ophthalmology  
American College of Physicians

**Languages** Fluent in English and Spanish, spoken and written

**Personal** Hobbies and interest include opera, track cycling, skiing,  
and deep sea fishing.