

JULIO NARVÁEZ, MD

EMPLOYMENT

Loma Linda University, Department of Ophthalmology. September 1, 2003 to present. Faculty, cornea, anterior segment, and refractive surgery.

Private practice at Turlock Eye Physicians Medical Group, October 1, 1999 June 30, 2002. 880 Delbon Avenue, Turlock, CA 95382. Tel. (209) 634-2925.

Active Duty Staff ophthalmologist, David Grant USAF Medical Center, Travis Air Force Base, July 1996 to September 1999. Ophthalmology Clinic, 101 Bodin Circle 60 MDS/SGCXE, Travis AFB, CA 94535. Tel. (707) 423-7165.

EDUCATION

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|-----------|---|-----------------|
| 2002-2003 | Emory University Eye Center | Atlanta, GA |
| ▪ | Fellowship in Cornea, External Diseases, and Refractive Surgery, Department of Ophthalmology, Cornea Section. | |
| 1993-1996 | Loma Linda Univ. Medical Center | Loma Linda, CA |
| ▪ | Residency, Department of Ophthalmology. | |
| 1992-1993 | Loma Linda Univ. Medical Center | Loma Linda, CA |
| ▪ | Internship, Department of Internal Medicine. | |
| 1988-1992 | Loma Linda Univ. School of Medicine | Loma Linda, CA |
| ▪ | Doctor of Medicine, 5/24/92. | |
| 1984-1988 | Southern Adventist University | Collegedale, TN |
| ▪ | Bachelor of Arts, History, <i>cum laude</i> , 5/1/88. | |
| ▪ | 1987 Newbold College, Berkshire, England, History. | |

CERTIFICATION

- Diplomate, American Board of Ophthalmology, June 1998, and 2008 to 2018.
- Fellow, American Academy of Ophthalmology, November 1998.
- Member with Thesis, 2007 to present. Cornea Society.

HONORS AND AWARDS

Professional Career

- Qualified and listed at [Trusted LASIK Surgeons](#), an online LASIK Directory that screens surgeons based on experience, premier patient care, and professional credentials.
- Walter E. Macpherson Research Society Outstanding Student Research Supervisor, 2007.
- Best Paper of the Session award at the ASCRS annual meeting, March 2006, San Francisco, CA.

Medical School

- Alpha Omega Alpha, national honors medical society.
- Walter E. Macpherson Research Society Outstanding Student Researcher, 1993.
- Roger Barnes Humanitarian Award, 1992, Loma Linda University.
- Honors Graduate, Officers Training Camp, U.S. Air Force, summer 1989.
- Class of '92 Vice-president, 1989.
- National Dean's List 1988 through 1990.

Undergraduate School

- Educational Scholarship, County of Mayaguez, Puerto Rico, 1985 to 1987.
- History Major of the Year, 1988, Southern Adventist University.
- The Harold Moody History Scholarship, Southern Adventist University.
- Southern Scholar Medallion, Southern Adventist University.
- Student Association, *Joker* Editor, 1986.

RESEARCH AND PUBLICATIONS

Reviewer for journal *Ophthalmology*, October 2003 to present.

Reviewer for the *Journal of Cataract & Refractive Surgery*, June 2005 to present.

Reviewer for *Journal of Cornea*, January 2005 to present.

Principal investigator, Loma Linda University site for LUX cyclosporine implant FDA trials for the prevention of corneal rejection 2007 to present.

Principal investigator, Loma Linda University site for NIDEK EC5000 excimer laser for hyperopia and hyperopia astigmatism LASIK FDA trials from October 2003 to 2005.

Kim D, Narvaez J, Krassin J, Bahjri K. A Comparison of VISX WaveScan aberrometer with the NIDEK OPD-Scan. Accepted for publication to *Journal of Refractive Surgery*, 2008.

Tokuhara KG, Rauser M, Narvaez J. Short Term Visual Outcomes of the Alcon Toric Intraocular Lens Sunday Apr 27, 2008 11:00 AM - 12:45. ARVO Abstract.

Fant B, Waring III GO, Fisher J, Tanchel N, Phillips S, Narvaez J. Laser in situ keratomileusis for spherical hyperopia and hyperopic astigmatism using the NIDEK EC-5000 excimer laser. *Journal of Refractive Surgery*, February 2008;24:123-136.

Christensen A, Narvaez J, Zimmerman G. Comparison of corneal thickness measurement by ultrasound pachymetry, Konan non-contact optical Pachymetry and Orbscan pachymetry. Accepted for publication, *Journal of Cornea*, 2008.

Narvaez J, Cherwik H, Stulting RD, Waldron R, Zimmerman G, Wessels IF, Waring GO. Comparison of biometry with high-precision immersion ultrasound and partial coherence interferometer, and accuracy of intraocular lens power prediction. *Ophthalmic Surgery Lasers & Imaging*, 2008;39:30-34.

Narvaez J. Iris fixation of intraocular lenses. *Video Journal Ophthalmology*, Fall 2007.

Beckendam P, Narvaez J, Agarwal M. Case of corneal melting associated with the use of topical nepafenac. *Journal of Cornea*, 2007; 26:1002-1003.

Pereira CD, Narvaez J, King JA, Seery LS, Gimbel HV. Late-onset Traumatic Dislocation With Central Tissue Loss of Laser In Situ Keratomileusis Flap. *Journal of Cornea*, 2006; 25:1107-1110.

Narvaez J, Chakrabarty A, Chang K. Treatment of epithelial ingrowth after LASIK enhancement with a combined technique of mechanical debridement, flap suturing, and fibrin glue application. *Journal of Cornea*, 2006; 25:1115-1117.

Narvaez J, Zimmerman G, Chang D, Stulting RD. Accuracy of intraocular lens power prediction using the Hoffer Q, Holladay 1, Holladay 2, and SRK/T formulas. *Journal of Cataract and Refractive Surgery*, 2006; 32:2050-3.

Mitchel A, Kronberg BP, Narváez J, Zimmerman G. An evaluation of pupillometry with the Procyon and Neurooptics units. *Journal of Cataract and Refractive Surgery*, 2006; 32:1926-1931.

Narvaez J, Wong W. Chapter 6, Eye. Moses, Banks JC, Nava PB, Petersen D, eds. *Atlas of Clinical Gross Anatomy*. Elsevier Mosby, Barcelona, Spain 2005; ISBN: 0323037445. Textbook was winner of the Association of American Publishers R.R. Hawkins Award for the Outstanding Professional, Reference or Scholarly Work, Washington, DC 2005; and winner of The Richard Asher Prize of The Society of Authors and The Royal Society of Medicine Book Awards, London, England 2006.

- Niemeyer M, Narvaez J. A stepwise approach to limbal relaxing incisions. *Techniques in Ophthalmology*, 2005; 3:171-175.
- Narvaez J, Banning CS, Stulting RD. Negative dysphotopsia associated with implantation of the Z9000 intraocular lens. *Journal of Cataract and Refractive Surgery*, 2005; 31:846-847.
- Narvaez J, Kroll P, Tooma T. Prospective, Randomized Trial of Diclofenac and Ketorolac after Refractive Surgery. *Journal of Refractive Surgery*, 2004; 20:76-78.
- Chakrabarty A, Pang KR., Wu JJ, Narvaez J, Rauser M, Huang DB, Beutner KR., Tying SK. Emerging therapies for herpes viral infections (types 1 - 8). *Expert Opin Emerg Drugs*, 2004; 9:237-256.
- Fant B, Waring III GO, Fisher J, Tanchel N, Phillips S, Narvaez J. Results of the US FDA trial of Nidek EC-5000 for hyperopia treatment. *Journal of Refractive Surgery*, 2004; 20(5):S753-754. [Abstract]
- Lichter H, Narvaez J, Waring GO. Broad review of peer reviewed literature on phakic intraocular lenses. In: Alio JL, Perez-Santonja JJ, eds. *Refractive Surgery with Phakic IOLs: Fundamentals and Clinical Practice. Highlights of Ophthalmology International*, Republic of Panama, 2004; ISBN: 9962-613-21-3.
- Narvaez J, Song CD. Re: Trujillo F, Dang D, Starck T. Xylene Keratopathy: A Case Report and Review of the Literature. Letter to the editor. *Journal of Cornea*, 2003; 22:495.
- Narvaez J, Kroll P, Guzek JP. Effects of Diclofenac and Ketorolac on Patient Discomfort and Corneal Sensitivity. Presented at ARVO, Sarasota, Florida., 1995. ARVO Abstracts. Invest Ophthalmol Vis Sci 1995;36:S576. Published in *Journal of Refractive Surgery*, 2002; 18:145-148.
- Mihora LD, Narvaez J, Visual Recovery after Phacoemulsification with the SITE and Alcon Legacy Units. Presented at ARVO, April 29, 2001. ARVO Abstracts. Invest Ophthalmol Vis Sci 2001.
- Narvaez J, Wessels IF, Mattheis JK, Beierle F. Intravitreal Antibiotics: Accuracy of Dilution by Pharmacists, Ophthalmologists, and Ophthalmic Assistants. Published in *Ophthalmic Surgery*, April 1992, Vol 23, No 4.
- Kim D, Narváez J, Kroll M, Nelson C, Baqai W, Rauser M, Wessels IF. Aspheric Intraocular lens improves spherical aberration and dysphotopsias, but reduces uncorrected near and intermediate visual acuities. Publication in progress.
- Secondary iris fixation of a posterior chamber lens through a 3.0 mm incision using an injector. Presented in 2007 in the *Video Journal Ophthalmology* upcoming issue on iris sutured intraocular lens implantation.

Secondary iris fixation of a posterior chamber lens through a 3.0 mm incision using an injector. Submitted for publication.

Beckendam P, Narvaez J, Bacon G. Iris registration and cyclorotation before and after keratectomy and epitheliectomy. Research in progress.

Saini A, Narvaez J. An effective technique for prevention of donor dislocations during DSAEK surgery. Research in progress.

Narváez J, Kronberg BP, Bacon G, Park H, Zumwalt J, Mitchel A, Zimmerman G. Pupillary dilation with a standard cataract surgery regimen alone and with pretreatment with cyclopentolate 1%. Research in progress.

Kim D, Fox J, Wagner P, Narvaez J. A prospective trial of topical bevacizumab in the treatment of corneal neovascularization. Research in progress.

Yoo J, Narvaez J. Incidence of pediatric contact lens associated infections keratitis. Research in progress.

Hsue V, Narvaez J. Endothelial cell counts using two different insertions techniques in DSAEK. Research in progress.

Narvaez J, Gambs C. Complications in blepharoplasty with the use of buffered and non buffered anesthetic. Submission in progress.

Fox J, Narvaez J, Devarag R. Case series of DSAEK surgery with vitreoretinal forceps insertion of donor disc. Publication in progress.

ACADEMIC APPOINTMENTS

Associate professor, Loma Linda University School of Medicine, April 6, 2005 to present.

Assistant professor, Loma Linda University School of Medicine, October 2004 to April 5, 2005.

Associate in Ophthalmology, Emory University School of Medicine, July 1, 2002, to June 30, 2003.

VOLUNTEER SERVICE

Island of Yap, Federated Republic of Micronesia. Volunteer surgeon March 2008 with Canvasback Missions.

Lusaka Eye Hospital, Zambia, Africa. Volunteer surgeon, September 2006.

Mercy Ships volunteer, August 2003. Provided surgical and medical eye care in Belize, Central America.

Led ophthalmology, medical and construction team to Buca Bay, Fiji, to provide surgical eye care, general medical care, and maintenance of school buildings, April, 2000. Returned again on June 2002 to provide medical and surgical eye care.

Provided medical and surgical eye care for six weeks at Maluti Adventist Hospital in Lesotho, Africa, January 1996.

Assisted in the medical and surgical care of patients at Hôpital de Mugonero, Rwanda, Africa, for four weeks, Summer 1992.

Leader in proposing, planning, and participating in trip to Tuxpan, Mexico, to render medical, dental, and optometric care to geriatric patients, Summer 1990.

Prison Ministries, 1988 to 2002. Volunteer at California Institute for Men, 1990 to 1996; California Medical Facility, Vacaville, 1996 to 1999; San Joaquin County Jail 2000 to June 2002.

PROFESSIONAL ASSOCIATIONS

Alpha Omega Alpha 1991 to present.

American Academy of Ophthalmology 1993 to present.

American Society of Cataract and Refractive Surgery 2002 to present.

American Medical Association 2002 to present.

Cornea Society, Member with Thesis, 2007 to present.

European Society of Cataract & Refractive Surgery, 2006 to present

Pediatric Keratoplasty Association 2006 to present.

INTERESTS

Family activities, rollerblading, hiking, biking, swimming, reading of History, travel, French horn, choral music.

SPECIAL QUALIFICATIONS

Fluent in Spanish, both spoken and written. Fully computer literate.

 COURSES, SCIENTIFIC PRESENTATIONS

Narváez J, Kronberg BP, Bacon G, Park H, Zumwalt J, Mitchel A, Zimmerman G. Pupillary dilation with a standard cataract surgery regimen alone and with pretreatment with cyclopentolate 1%. Paper presentation, American Society of Cataract and Refractive Surgery on April 2009.

5th Annual Optometry Symposium, Femtosecond lasers and innovative microsurgical techniques. November 3, 2008, Loma Linda University.

Tokuhara KG, Rauser M, Narvaez J. Short Term Visual Outcomes of the Alcon Toric Intraocular Lens Sunday Apr 27, 2008 11:00 AM - 12:45. ARVO Poster.

Kim D, Narvaez J, Krassin J, Bahjri K. A Comparison of VISX WaveScan aberrometer with the NIDEK OPD-Scan. Poster presentation at the American Society of Cataract and Refractive Surgery on April 2008.

Fox J, Narvaez J, Devarag R. Case series of DSAEK surgery with vitreoretinal forceps insertion of donor disc. Video presentation. American Society of Cataract and Refractive Surgery on April 2008.

Beckendam P, Narvaez J. Iris registration before and after flap creation and epithelial removal. Poster presentation at the American Society of Cataract and Refractive Surgery on April 2008.

Red Eye Lecture, Yap State Hospital, Federated States of Micronesia, April 2008.

Course director, Alumni Postgraduate Convention, Loma Linda University, March 2, 2008. Update on Glaucoma and Anterior Segment Surgery.

Christensen A, Narvaez J, Zimmerman G. Comparison of corneal thickness measurements by ultrasound pachymetry, Konan noncontact optical pachymetry, and Orbscan topography system. Poster presentation at the American Society of Cataract and Refractive Surgery on April 2007.

Course director, Alumni Postgraduate Convention, Loma Linda University, March 4, 2007. Update in Macular Degeneration and Cornea.

Mitchel A, Kronberg BP, Narváez J, Zimmerman G. Comparison of 2 multiple-measurement infrared pupillometers for determining scotopic pupil diameter. Poster presentation at the American Society of Cataract and Refractive Surgery on April 2007.

Fall 2006 Optometry Symposium, November 5, 2006. Loma Linda University. New Intraocular Lens Technology.

Narvaez J, Chang D, Stulting RD. Accuracy of intraocular lens power prediction using four different formulas: Holladay 1, Holladay 2, SRK/T, and Hoffer Q. Presented at a paper symposium at the ASCRS annual meeting, March 20, 2006; San Francisco, CA

Secondary iris fixation of a posterior chamber lens through a 3.0 mm incision using an injector. Video presented at the ASCRS annual meeting, March 2006, San Francisco, CA.

Narvaez J, Chang D, Stulting RD. Accuracy of intraocular lens power prediction using four different formulas: Holladay 1, Holladay 2, SRK/T, and Hoffer Q. Presented at a paper symposium at the European Society of Cataract and Refractive Surgery annual meeting on September 2005 at Lisbon, Portugal.

Kroll M, Narvaez J, Nelson C, Kim D, Rauser M. Comparison of reading speed, near and intermediate visual acuities with the SA60AT and the posterior aspherical SN60WF intraocular lens. Presented as a paper in a symposium at the ASCRS annual meeting, March 19, 2006; San Francisco, CA. Awarded Best Paper of the Session.

Kroll M, Narvaez J, Nelson C. Comparison of reading speed, near and intermediate visual acuities with the SA60AT and the posterior aspherical SN60WF intraocular lens. Poster presentation at the Association for Research in Vision and Ophthalmology (ARVO) annual meeting, Ft. Lauderdale, FL. April 30, 2006.

Course Director and Faculty. Alumni Postgraduate Convention, 18th Ophthalmology Symposium. Loma Linda University, March 5, 2006. Advances and Pearls in Cornea and Anterior Segment Surgery.

Grand Rounds, Loma Linda University, November 4, 2005. Advances in Cataract and Refractive Surgery.

Fall 2005 Optometry Symposium, November 6, 2005. Loma Linda University. Advances in Anterior Segment Surgery.

Course Director, Annual Postgraduate Convention, 17th Ophthalmology Symposium. Loma Linda University, March 6, 2005.

Waring GO, Chayet A, Fant BS, Fisher J, Gimbel HV, Narvaez J, Phillips S, Schanzer C, Tanchel N. Safety and efficacy of hyperopic LASIK using the Nidek EC-5000 excimer laser with a 6.0 mm optical zone and 9.0 mm treatment zone. Presented at the 2004 AAO/ISRS meeting and the 2005 AIOC meeting.

Waring GO, Chayet A, Fant BS, Fisher J, Gimbel HV, Narvaez J, Phillips S, Schanzer C, Tanchel N. Safety and efficacy of hyperopic LASIK using the Nidek EC-5000 excimer laser with a 6.0 mm optical zone and 9.0 mm treatment zone. Presented at the 2005 ASCRS.

Narvaez J, Cherwik H, Stulting RD, Waldron R. Comparison of biometry with high-precision immersion ultrasound and partial coherence interferometer, and accuracy of intraocular lens power prediction. Presented at the American Society of Cataract and Refractive Surgery on April 2005.

Narvaez J, Kroll P, Tooma T. Prospective, Randomized Trial of Diclofenac and Ketorolac after Refractive Surgery. Presented at the American Academy of Ophthalmology annual meeting, October 1995, Atlanta, GA.

Third annual symposium. Inland Empire Optometric Society, March 14, 2004. Advances in Cornea and Anterior Segment Surgery, Phakic Intraocular Lenses.

Alumni Postgraduate Convention, Loma Linda University, March 7, 2004. Advances in Cornea and Anterior Segment Surgery.

Cornea lecturer, Loma Linda University, Department of Ophthalmology. September 2004 to present.

Cornea conference lecturer, bimonthly, Emory University Eye Center, July 2002 to June 2003.

Lecturer at Ophthalmology for Non-Ophthalmologists Symposium, David Grant Medical Center, 1996, 1997, 1998.

Lecturer to Family Practice and Pediatrics residency programs at David Grant Medical Center, 1996 to 1999, and UC Davis Family Practice Residency Stockton, 2000.

Lecturer to Optometry Society at Stanislaus County, 1999, 2000.

Narvaez J, Wessels IF, Mattheis JK, Beierle F. Intravitreal Antibiotics: Accuracy of Dilution by Pharmacists, Ophthalmologists, and Ophthalmic Assistants. Presented at the Annual Postgraduate Convention of Loma Linda University School of Medicine 1991.

REFERENCES

Howard V. Gimbel, MD. Chairman, Loma Linda University, Department of Ophthalmology, Faculty Medical Offices, Suite 1800, 11370 Anderson Street, Loma Linda, CA 92354. Tel. (909) 558-2154.

Ernest Zane, MD. Loma Linda University, Department of Ophthalmology, Faculty Medical Offices, Suite 1800, 11370 Anderson Street, Loma Linda, CA 92354. Tel. (909) 558-2154.

R. Doyle Stulting MD. Professor of Ophthalmology. Emory University Eye Center, Cornea Section. 1365-B Clifton Road NE, Atlanta, GA 30322. Tel. (404) 778-5818

George O. Waring III, MD. Professor of Ophthalmology. Emory University Eye Center, Cornea Section. 1365-B Clifton Road NE, Atlanta, GA 30322. Tel. (404) 778-5818.

Daniel Lee, MD. Turlock Eye Physicians Medical Group. 880 Delbon Avenue, Turlock, CA 95354. Tel. (209) 634-2925.

Brian Lenser, MD. 1400 Florida Ave., Suite 101, Modesto, CA 95350. Tel. (209) 572-8528.

Dianne Harris, MD. Lt. Col. USAF, Chief, Department of Ophthalmology. David Grant Medical Center, 101 Bodin Circle, 60 MDS/SGCXE, Travis Air Force Base, CA 94535. Tel. (707) 423-7165.

COURSES ATTENDED FOR CERTIFICATION AND/OR CME

Intralase FS laser introduction 11/13/08

Intralase physician LASIK training 11/13/08

Intralase Enabled Keratoplasty 1/4/09

Cornea Day. Annual meeting of the American Society of Cataract &

Ophthalmology Rounds Loma Linda University 2008 10.5 hours.

Resident Research Day 2008: 3 hours category 1 CME.

Refractive Surgery, April 4, 2008 (7 CME hours).

Annual meeting of the American Society of Cataract & Refractive Surgery, April 6 to 8, 2008 (17 CME hours).

Cornea Day. Annual meeting of the American Society of Cataract & Refractive Surgery, 2008 (7 CME hours).

VISX custom monovision certification course: April 3, 2008.

Ophthalmology Rounds Loma Linda University 2007 24.0 hours.

Annual Postgraduate Convention, Loma Linda University Department of Ophthalmology, March 2007 (6.0 CME hours).

European Society of Cataract and Refractive Surgeons XXV Congress, Stockholm, Sweden, September 8-12, 2007 (26 CME Credits).

Audio Digest Ophthalmology January to December 2007 44.0 category 1 CME credits.

AAO BCSC book 8 25.0 category 1 CME credits

Resident Research Day 2007: 5 hours category 1 CME.

Cornea Day. Annual meeting of the American Society of Cataract & Refractive Surgery, April 27, 2007 (7 CME hours).

Audio Digest Ophthalmology January to December 2006 50.0 category 1 CME credits.

Annual meeting of the American Society of Cataract & Refractive Surgery, April 28 - May 2, 2006 (19 CME hours).

Annual meeting American Academy of Ophthalmology, November 2006, Las Vegas, Nevada (17 CME hours).

Moria DSAEK Training Course. March 16, 2006.

Cornea Day. Annual meeting of the American Society of Cataract & Refractive Surgery, March 17, 2006 (7 CME hours).

Annual meeting of the American Society of Cataract & Refractive Surgery, March 18-22, 2006 (19 CME hours).

European Society of Cataract and Refractive Surgeons XXIII Congress, Lisbon, Portugal, September 10-14, 2005 (22 CME Credits).

Audio Digest Ophthalmology, February 2005 (34 CME hours).

Annual Postgraduate Convention, Loma Linda University Department of Ophthalmology, March 6, 2005 (6.5 CME hours).

Annual meeting of the American Society of Cataract & Refractive Surgery, April 17-19, 2005 (18 CME hours).

Verisyse certification course, April 20, 2005.

Customvue Mixed Astigmatism certification course, May 1, 2005.

European Society of Cataract & Refractive Surgery meeting, September 2005.

VISX Customvue High Myopia certification course, October 17, 2005.

VISX Iris Registration certification course, October 18, 2005.