

CURRICULUM VITAE

MARK A. TERRY, M.D.

WORK ADDRESS:

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CURRENT LICENSURE:

Oregon

EDUCATION:

Yale University, New Haven, CT
Bachelor of Arts, May 1975
Major: Psychology
Minor: Molecular Biophysics and Biochemistry

INTERCOLLEGIATE
SPORTS:

Division 1 Basketball, Point Guard, Yale University

POST GRADUATE
EDUCATION:

Medical School

St. Louis University School of Medicine, St. Louis MO
M.D., June 1979

Internship

Naval Regional Medical Center, Oakland CA
Rotating Surgical Internship, June 1980

Residency

Naval Regional Medical Center, Oakland CA
1981-1984

Fellowship

Cornea and External Diseases
J. James Rowsey, M.D., Director of Corneal Services
Dean A. McGee Eye Institute
University of Oklahoma Health Science Center
Oklahoma City, Oklahoma 1984-1985

HONORS, AWARDS,
SCHOLARSHIPS:

Yale University:

Angier Prize: "The Most Outstanding Senior Thesis with Original
Research at Yale", 1975
Magna cum Laude, 1975

Distinction in the Major, 1975

Postgraduate:

Armed Forces Health Professions Scholarship Program
(1976-1979)
Diplomate, National Board of Medical Examiners, 1980
Diplomate, American Board of Ophthalmology, 1986
Achievement Award: American Academy of Ophthalmology, 2003
Senior Achievement Award: AAO, 2009

SOCIETY
MEMBERSHIPS:

American Ophthalmological Society (AOS): 2007 to present
Castroviejo Corneal Society, 1998 to present
Cornea Society: 2002 to present
American Academy of Ophthalmology, 1981 to Present
Oregon Academy of Ophthalmology, 1990 to present
American Medical Association, 1979 to 1999
Ocular Microbiology and Immunology Group, 1984 to 2002
Multnomah County Medical Society, 1990 to 2002
California Academy of Ophthalmology, 1982 to 1986
Oklahoma State Medical Society, 1984 to 1990
Oklahoma County Medical Society, 1987 to 1990

PROFESSIONAL
APPOINTMENTS:

Director of Corneal Services
Devers Eye Institute
Portland, Oregon
November 1990 to present

Clinical Professor
Department of Ophthalmology
Oregon Health Science University
2007 to present

Medical/Surgical Director
Lions VisionGift (formerly Lions Eye Bank of Oregon)
Portland, Oregon
November 1990 to present

Scientific Director
Lions VisionGift Research Laboratory
Portland, Oregon
November 1990 to present

Director
Resident Microsurgery Training
Devers Eye Institute
November 1990 to 1995

President
Western Region
Eye Bank Association of America
1993 – 1995

Associate Director, Corneal Services
University of Oklahoma
Dean A. McGee Eye Institute
August 1987 to November 1990

Director: Resident Microsurgery Training
Dean A. McGee Eye Institute
August 1987 to November 1990

Assistant Clinical Professor of Ophthalmology
University of Oklahoma
Oklahoma City, Oklahoma
August 1987 to November 1990

Staff Member
Department of Ophthalmology
Presbyterian Hospital
Oklahoma City, Oklahoma
July 1984 to November 1990

Staff Member
Ophthalmology Service
Oklahoma Children's Memorial Hospital
January 1988 to November 1990

Staff Member
Veteran's Administration Hospital
Oklahoma City, Oklahoma
August 1987 to November 1990

Chief of Corneal Services
Department of Ophthalmology
Naval Hospital-Oakland
Oakland, California
August 1986 to July 1987

Director Refractive and Reconstructive
Ophthalmic Surgery:
Corneal Services Section
Department of Ophthalmology
Naval Hospital-Oakland
Oakland, California
August 1985 to July 1987

Consultant
Cornea and External Disease
Department Of Ophthalmology
Pacific Medical Center
San Francisco, California
August 1985 to July 1987

Clinical Instructor of Ophthalmology
(Fellowship Year)
University of Oklahoma Health Services Center
Oklahoma City, Oklahoma
July 1984 to August 1985

MILITARY HISTORY:

United States Navy
Battalion Surgeon
Battalion 3 / 4
Third Marine Division
U.S. Marine Corp
Okinawa, Japan
July 1980 to July 1981

Active Duty, U.S. Navy
1979 to July 1984... Internship, Deployment, Residency
August 1985 to August 1987
Subspecialty Staff, Ophthalmology Department
NH-Oakland

PROFESSIONAL ACTIVITIES:

Founder: International Endothelial Keratoplasty Group (EKG): for
the study of selective endothelial transplantation surgery: 2001 to
present.

Board of Directors: The Cornea Society (formally known as the
Castroviejo Corneal Society): 2002 to 2006

Eye Bank Association of America:

Medical Advisory Board Member	1996 to present
Scientific Program Committee Member	1998 to 2005
Western Region President	1993-95

Reviewer for Scientific Publications:

<i>Ophthalmology</i>	2002 to present
<i>American Journal of Ophthalmology</i>	2008 to present
<i>Archives of Ophthalmology</i>	1991 to present
<i>Journal of Refractive Surgery</i>	1992 to present
<i>Cornea</i>	1993 to present

<i>Journal of Cataract and Refractive Surgery</i>	1998 to present
<i>Survey of Ophthalmology</i>	2001 to present
<i>Journal of Glaucoma</i>	2001 to present
<i>Journal of Cataract and Refractive Surgery</i>	2003 to present
<i>Investigative Ophthalmology and Visual Science (IOVS)</i>	2004 to present
<i>Ophthalmic Surg Lasers Imaging</i>	2004 to present
<i>British Journal of Ophthalmology</i>	2007 to present

Ophthalmic Industry Consultant:

Consultant: Bausch and Lomb Surgical/Storz Ophthalmics:
Corneal Instrumentation Panel 1996 to present.

Consultant: Allergan Laboratories: Cyclosporine Advisory Panel
and Endophthalmitis Advisory Panel 1999 to 2001.

Consultant: Santen Laboratories: Levofloxacin clinical trials and
Advisory Panel 1998 to 2001

Consultant: Alcon Laboratories: Moxifloxacin advisory panel

Consultant: Optovue Advisory Panel 2009 to present

Peer-Reviewed Publications

Terry MA. Endothelial Keratoplasty: Why aren't we all doing DMEK? *Cornea* 2012 (Editorial); 31(5): 469-71.

Terry MA: Pre-cut tissue for Descemet stripping automated endothelial keratoplasty: Complications are from technique, not tissue. *Cornea* 2008 (Editorial); 6:627-9.

Terry MA. Endothelial Keratoplasty: History, Current State, and Future Directions. *Cornea* 2006 (Editorial); 25: 873-878.

Terry MA, Straiko MD, Goshe JM, Li JY, Davis-Boozer, D. Descemet's stripping automated endothelial keratoplasty (DSAEK): The tenuous relationship between donor thickness and post-operative vision. *Ophthalmology* 2012 (in press)

Terry MA, Shamie N, Straiko MD, Friend DJ, Davis-Boozer D. Endothelial keratoplasty: The relationship between donor tissue storage time and donor endothelial survival. *Ophthalmology* 2011;118:36-40

Terry MA, Li J, Goshe J, Davis-Boozer D. Endothelial Keratoplasty: The relationship between donor tissue size and donor endothelial survival. *Ophthalmology* 2011;118:1944-49

Terry MA, Shamie N, Chen ES, Phillips PM, Hoar KL, Friend DJ. Pre-cut tissue for Descemet's stripping endothelial keratoplasty: Vision, astigmatism, and endothelial survival. *Ophthalmology* 2009;116:248-56

Terry MA, Shamie N, Chen ES, Phillips PM, Shah AK, Hoar KL, Friend DJ. Endothelial keratoplasty for Fuchs' dystrophy with cataract: Complications and clinical results with the new Triple Procedure. *Ophthalmology* 2009; 116:631-39.

Terry MA. Endothelial keratoplasty: A comparison of complication rates and endothelial survival between pre-cut tissue and surgeon cut tissue by a single DSAEK surgeon. *Trans Am Ophthalmol Soc* 2009;107:184-193

Terry MA, Phillips PM Donors with prior radial keratotomy surgery should be used for EK surgery. *Cornea* (invited letter) 2011 (in press)

Terry MA, Shamie N. Avoiding eccentric trephination. *Ophthalmology* 2009 (Letter); 116:2481-2.

Terry MA, Saad HA, Shamie N, Chen ES, Friend DJ, Holiman JD, Stoeger C. Endothelial Keratoplasty: The influence of insertion techniques and incision size on donor endothelial survival. *Cornea* 2009; 28:24-31.

Davis-Boozer D, **Terry MA**, Li JY, Greiner MA. In Vitro Evaluation of Endothelial Cell Loss Using the Neusidl Corneal Insertor. *Cornea* 2012 (in press)

Li JY, **Terry MA**, Goshe JM, Shamie N, Davis-Boozer D. Graft rejection after Descemet's stripping automated endothelial keratoplasty: Graft survival and endothelial cell loss. *Ophthalmology* (Jan) 2012. (in press)

Li JY, **Terry MA**, Goshe JM, Davis-Boozer D, Shamie N. Longer-term visual outcomes after Descemet's stripping automated endothelial keratoplasty. *Ophthalmology* 2012 (in press)

Arenas E, Esquenazi S, Anwar M, **Terry MA**. Lamellar Corneal Transplantation: A Major Review. *Survey of Ophthalmology* 2012 (in press)

Stoeger C, Holiman, J, Davis-Boozer D, **Terry, MA**. The endothelial safety of using a gentian violet dry ink "S" stamp for pre-cut corneal tissue. *Cornea* 2012;31:801-803

Stoeger C, **Terry MA**. Donor cell density and endothelial keratoplasty. *British Journal of Ophthalmology* 2011;95(2):292-293

Goshe JM, **Terry MA**, Li JY, Straiko MD, Davis-Boozer D. Graft dislocation and hypotony after Descemet stripping automated endothelial keratoplasty in patients with previous glaucoma surgery. *Ophthalmology* 2012 (in press)

Goshe JM, Li JY, Terry MA. Successful Descemet's stripping automated endothelial keratoplasty for congenital hereditary endothelial dystrophy in a pediatric patient. *Int Ophthalmol* 2012 (in press)

Goshe J, **Terry MA**, Shamie N, Li JY. Ophthalmic viscosurgical device–assisted incision modification for the big-bubble technique in deep anterior lamellar keratoplasty. *J Cat and Refract Surg* 2011 (in press)

Phillips PM, Phillips LJ, Saad HA, **Terry MA**, Stolz DB, Stoeger C, Franks J, Davis-Boozer D. “Ultra thin” DSAEK tissue prepared with a low-pulse energy, high frequency, femtosecond laser. *Cornea* 2012 (in press)

Terry MA. Endothelial Keratoplasty. *Saudi Journal of Ophthalmology* 2010; 24:33-40.

Straiko MD, **Terry MA**, Shamie N. DSAEK under failed PK: A surgical strategy to minimize complications. *Am J Ophthalmol* 2011;151:233-237.

Terry MA, Straiko MD. Descemet Stripping Automated Endothelial Keratoplasty (DSAEK) in Failed Penetrating Keratoplasty (PK) Patients. *Am J Ophthalmology (Letter)* 2011 (in press)

Straiko MD, Shamie N, **Terry MA**. Endothelial keratoplasty: Past, present, and future directions. *Int Ophthalmol Clin* 2010 50(3):123-35

Terry MA. Donor tissue damage in endothelial keratoplasty. *Ophthalmology* 2008; 115: 420-421.

Terry MA. Trauma and Wound Rupture in Endothelial Keratoplasty. *Cornea* 2008; 27: 127-128.

Terry MA. Endothelial keratoplasty: Clinical outcomes in the two years following deep lamellar endothelial keratoplasty. *Trans Am Ophthalmol Soc* 2007; 105: 530-563.

Terry MA, Shamie N, Chen ES, Hoar KL, Friend DF. Endothelial Keratoplasty: A simplified technique to minimize graft dislocation, iatrogenic graft failure and pupillary block. *Ophthalmology* 2008; 115: 1179-1186.

Terry MA, Chen ES, Shamie N, Hoar KL, Friend DF. Endothelial cell loss after Descemet's stripping endothelial keratoplasty in a large prospective series. *Ophthalmology* 2008; 115: 488-496

Terry MA, Hoar KL, Wall J, Ousley PJ.: The histology of dislocations in endothelial keratoplasty (DSEK and DLEK): a laboratory-based, surgical solution to dislocation in 100 consecutive DSEK cases. *Cornea* 2006; 25: 926-932.

Terry MA, Hoar KL, Wall J, Ousley PJ: Endothelial Keratoplasty: A prospective study of endothelial cell loss during the 2 years after deep lamellar endothelial keratoplasty. *Ophthalmology* 2007; 114(4):631-639.

Terry MA, Shamie N, Chen ES, Hoar KL, Friend DF. Endothelial Keratoplasty: The influence of pre-operative donor endothelial cell densities on dislocation, primary graft failure, and donor cell loss. *Cornea* 2008; 27:1131-1137

Shah AK, **Terry MA**, Shamie N, Chen ES, Phillips PM, Hoar KL, Friend DJ, Davis-Boozer D. Complications and clinical outcomes of Descemet's stripping automated endothelial keratoplasty (DSAEK) with intraocular lens exchange. *Am J Ophthalmol* 2010;149:390-397.

Chen ES, **Terry MA**, Shamie N, Hoar KL, Phillips PM, Friend DJ. Endothelial Keratoplasty: Endothelial survival and complications in a comparative case series of fellow vs. attending surgeon. *Am J Ophthalmol* 2009;148:26-31

Saad HA, **Terry MA**, Shamie N, Chen ES, Friend DF, Holiman JD, Stoeger C. An easy and inexpensive method for quantitative analysis of endothelial damage by using vital dye staining and Adobe photoshop software. *Cornea* 2008; 27: 818-824

Hayes DD, Shih CY, Shamie N, **Terry MA**, Price FW, Price MO, Ritterband DC, Hannush SB, Gorovoy MS, Weisenthal RW, Ritch R, Liebmann JM, Udell IJ. Spontaneous reattachment of Descemet stripping automated endothelial keratoplasty lenticles: A case series of 12 patients. *Am J Ophthalmol* 2010;150(6):790-7.

Terry MA, Saad HA, Shamie N, Shah AK. Peripheral endothelial cell damage following trephination of donor tissue. *Cornea* 2009;28(10):1149-52.

Phillips PM, **Terry MA**, Kaufman SC, Chen ES. Epithelial downgrowth after Descemet's stripping automated endothelial keratoplasty. *J Cat and Refract Surg* 2009; 35:193-6

Phillips PM, **Terry MA**, Shamie N, Chen ES, Hoar KL, Dhoot D, Friend DJ. Descemet's stripping automated endothelial keratoplasty (DSAEK) in eyes with previous trabeculectomy and tube shunt procedures: Intra-operative and post-operative complications. *Cornea* 2010;29:534-40

Phillips PM, **Terry MA**, Shamie N, Chen ES, Hoar KL, Stoeger C, Friend DJ, Saad HA. Descemet's stripping automated endothelial keratoplasty (DSAEK) using corneal donor tissue not acceptable for use in penetrating keratoplasty due to anterior stromal scars, pterygia, and previous corneal refractive surgeries. *Cornea* 2009;28:871-6

Lombardo M, Eng GL, Friend DJ, Serrao S, **Terry MA**. Long term anterior and posterior topographic analysis of the cornea after deep lamellar endothelial keratoplasty. *Cornea*. 2009;28:408-15

Lombardo M, **Terry MA**, Eng GL, Davis-Boozer D, Serrao S, Ducoli P. Analysis of posterior donor corneal parameters 1 year after Descemet's stripping automated endothelial keratoplasty (DSAEK) triple procedure. *Graefes Arch Clin Exp Ophthalmol* 2010;248(3):421-7

Chen ES, **Terry MA**, Shamie N, Phillips PM. Busin Glide vs Forceps in DSAEK: Not All Forceps Insertions are Created Equal (Letter): *Am J Ophthalmol*. 2009;148:175

Armour RL, Ousley PJ, Wall J, Hoar KL, Stoeger C, **Terry MA**. Endothelial keratoplasty using donor tissue not suitable for penetrating keratoplasty. *Cornea* 2007; 26: 515-519.

Chen ES, Shamie N, **Terry MA**. Endothelial Keratoplasty : First report of ruptured globe following selective endothelial replacement with DLEK. *Cornea* 2007; 26(7):874-5

Hindman HB, McCally RL, Myrowitz E, **Terry MA**, Stark WJ, Wienberg RS, Jun AS. Evaluation of deep lamellar endothelial keratoplasty surgery using scatterometry and wavefront analyses. *Ophthalmology* 2007; 114: 2006-2012

Allan BDS, **Terry MA**, Price FW, Price MO, Griffin N, Claesson M. Corneal transplant rejection rate and severity after endothelial keratoplasty. *Cornea* 2007; 26: 1039-1042.

Mondloch MC, Giengengach M, **Terry MA**, Wilson DJ. Histologic evidence of retained fetal layer of Descemet's membrane after presumed total removal for endothelial keratoplasty: A possible cause for graft failure. *Cornea* 2007; 26:1263-1266

Marcon AS, **Terry MA**, Kara-Jose N, Wall J, Ousley PJ, Hoar KL. Influence of corneal thickness on visual acuity after deep lamellar endothelial keratoplasty (DLEK). *Cornea* 2007; 26:543-545.

Chen ES, **Terry MA**, Shamie N, Hoar KL, Friend DJ. Pre-cut tissue in Descemet's Stripping Automated Endothelial Keratoplasty: Donor characteristics and early post-operative complications. *Ophthalmology* 2008; 115: 497-502

Chen ES, Shamie N, **Terry MA**. Improved vision following replacement of a healthy DSEK graft. *J Cataract Refract Surg* 2008; 34: 1044-6.

Chen ES, **Terry MA**, Shamie N, Hoar KL, Friend DF. Descemet's stripping automated endothelial keratoplasty : Six-month results in a prospective study of 100 eyes. *Cornea* 2008; 27:514-520.

Chen ES, **Terry MA**, Shamie N, Phillips PM, Friend DJ, McLeod SD. Descemet-stripping automated endothelial keratoplasty: insertion using a novel 40/60 underfold technique for preservation of donor endothelium. *Cornea* 2008; 27:941-3.

Chen ES, **Terry MA**, Shamie N, Phillips PM, Friend DJ. Management of pseudophakic bullous keratopathy by combined Descemet-stripping endothelial keratoplasty and intra-ocular exchange. (Letter) *J Cat Refract Surg* 2009 (in press)

Phillips PM, **Terry MA**, Shamie N. Transscleral sulcus fixation of a small diameter iris diaphragm intraocular lens in combined penetrating keratoplasty and cataract extraction for correction of traumatic cataract, aniridia, and corneal scarring. *J Cataract and Refract Surg*. 2008; 34:2170-3

Chen ES, **Terry MA**, Shamie N, Friend DJ. Endothelial keratoplasty: Endothelial cell loss after deep lamellar endothelial keratoplasty with retention of an open-loop anterior chamber intraocular lens. *Cornea* 2010;29:162-6

Chen ES, **Terry MA**, Shamie N, Hoar KL, Friend DF. Descemet's stripping endothelial keratoplasty : A prospective study using a manual dissection technique. *J Cataract and Refractive Surgery* 2008 (in review)

Chen ES, Shamie N, **Terry MA**, Hoar KL. Endothelial Keratoplasty : Improvement of vision after healthy donor tissue exchange. *Cornea* 2008; 27: 279-282.

Chen ES, **Terry MA**, Shamie N, Phillips PM, Friend DJ. The stability of hyperopic refractive shift following Descemet's stripping automated endothelial keratoplasty. (Letter) *J Cat Refract Surg* 2009;35:1473

Chen ES, **Terry MA**, Shamie N, Phillips PM. Retention of host embryonic Descemet's membrane in endothelial keratoplasty. *Cornea* 2009,28:351-3

Hick S, Laliberte , Meunier , Ousley PJ, **Terry MA**, Brunett I. Topographic screening for previous refractive surgery in donor eyes. *J Cataract and Refractive Surgery* 2006.

Lombardo M, Lombardo G, Friend D, Serrao S, **Terry MA**. Acute biomechanical response of the cornea after deep lamellar endothelial keratoplasty. *Cornea* 2009 (in press)

Brunette I, Sherknies D, **Terry MA**, Chagnon M, Bourges JL, Meunier J. 3-D Characterization of the corneal shape in Fuchs' dystrophy and pseudophakic keratopathy. *Invest Ophthalmol Vis Sci*. 2011;52(1):206-14

Terry MA, Ousley PJ: Deep Lamellar Endothelial Keratoplasty (DLEK): Visual acuity, astigmatism, and endothelial survival in a large prospective series. *Ophthalmology* 2005; 112: 1541-1549

Terry MA, Ousley PJ, Will B. A practical femtosecond laser procedure for DLEK endothelial transplantation: cadaver eye histology and topography. *Cornea* 2005; 24: 453-459

Terry MA, Ousley PJ: Deep Lamellar Endothelial Keratoplasty (DLEK): Early complications and their management. *Cornea* 2006; 25: 37-43

Amayem AF, **Terry MA**, Helal MH, Turki WA, El-Sabagh H, El-Gazayerli E, Ousley PJ. Deep Lamellar Endothelial Keratoplasty (DLEK): surgery in complex cases with severe preoperative visual loss. *Cornea* 2005; 24: 587-592

Terry MA, Ousley PJ. Small incision Deep Lamellar Endothelial Keratoplasty (DLEK): 6-month results in the first prospective clinical study. *Cornea* 2005;24:59-65

Ousley PJ, **Terry MA**. Stability of vision, topography, and endothelial cell density from one year to two years after Deep Lamellar Endothelial Keratoplasty (DLEK) surgery. *Ophthalmology* 2005;112: 50-57

Terry MA, Ousley PJ. Rapid visual rehabilitation after endothelial transplants with Deep Lamellar Endothelial Keratoplasty (DLEK). *Cornea* 2004;23:143-53.

Terry MA, Ousley PJ. In pursuit of emmetropia: spherical equivalent refraction results with Deep Lamellar Endothelial Keratoplasty (DLEK). *Cornea* 2003;22:619-26.

Terry MA, Ousley PJ. Replacing the endothelium without corneal surface incisions or sutures: first U.S. clinical series with the Deep Lamellar Endothelial Keratoplasty procedure. *Ophthalmology* 2003;110:755-64.

Azar D, Scally A, Hannush S, Soukiasian S, **Terry MA**. Epithelial-defect-masquerade syndrome after laser in situ keratomileusis: characteristic clinical findings and visual outcomes. *J Cataract and Refractive Surgery* 2003;29:2358-65.

Ousley PJ, **Terry MA**. Use of a portable topography machine for screening donor tissue for prior refractive surgery. *Cornea* 2002;21:745-50.

Ousley PJ, **Terry MA**. Objective screening methods for prior refractive surgery in donor tissue. *Cornea* 2002;21:181-8.

Terry MA, Ousley PJ. Deep Lamellar Endothelial Keratoplasty in the first U.S. patients: early clinical results. *Cornea* 2001;20:239-43.

Terry MA, Ousley PJ. Endothelial replacement without surface corneal incisions or sutures: topography of the Deep Lamellar Endothelial Keratoplasty procedure. *Cornea* 2001;20:14-8.

Terry MA, Ousley PJ. New screening methods for donor eye-bank eyes. *Cornea* 1999;18:430-6.

Terry MA, Ousley PJ, Rich LF, Wilson DJ. Evaluation of prior photorefractive keratectomy in donor tissue. *Cornea* 1999;18:353-8.

Terry MA, Ousley PJ. Variability in corneal thickness before, during and after radial keratotomy. *J Refract Surg* 1996;12:700-4.

Ousley PJ, **Terry MA**. Hydration effects on corneal topography. *Archives of Ophthalmology* 1996;114:181-5.

Stonecipher KG, **Terry MA**, Rowsey JJ. Wedge resection to treat ectatic dystrophies. *J Cataract Refract Surg* 1995;21:598.

Terry MA, Ousley PJ, Zjhra ML. Hydration changes in cadaver eyes prepared for practice and experimental surgery. *Archives of Ophthalmology* 1994;112:538-43.

Stonecipher KG, Parmley VC, Rowsey JJ, Fowler WC, Nguyen H, **Terry M**. Refractive corneal surgery with the Draeger rotary microkeratome in human cadaver eyes. *J Refract Corneal Surg* 1994;10:49-55.

Rowsey JJ, Fowler WC, **Terry MA**, Scoper SV. Use of keratotomy, slit-lamp biomicroscopy, and retinoscopy in the management of astigmatism after penetrating keratoplasty. *Refract Corneal Surg* 1991;7:33-41.

Terry MA, Rowsey JJ. Dynamic shifts in corneal topography during the modified Ruiz procedure for astigmatism. *Arch Ophthalmol* 1986;104:1611-6.

Rohrer MD, **Terry MA**, Bulard RA, Graves DC, Taylor EM. Microwave sterilization of hydrophilic contact lenses. *Am J Ophthalmol* 1986;101:49-57.

Book Chapters

Terry MA. Descemet's Stripping Automated Endothelial Keratoplasty. In: Albert D. M. and Lucarelli M. J. (Eds.). *Clinical Atlas of Procedures in Ophthalmic Surgery*, Second edition. (pp. xxx-xxx). New York: Oxford University Press; 2012.

Terry MA. Management of pseudophakic bullous keratopathy in the blind eye. In: David Chang, MD, Series Editor. Curbside Consultation in Cornea, SLACK Inc, 2010 Chapter 4, 15-18.

Terry MA. Endothelial Keratoplasty. In: Albert DM, Miller JW. Eds. Albert and Jakobiec's Principles and Practice of Ophthalmology, 3rd Edition, Toronto, Canada: Elsevier 2008: Chapter 61: 829-835.

Terry MA. Fuchs' corneal dystrophy. In: Fraunfelder FT, Fraunfelder FR, and Roy FH, eds. *Current Ocular Therapy* 6th ed. London: Elsevier; 2008: Chapter 195: 372-373.

Terry MA. Endothelial Keratoplasty: A Step by Step Guide to DSEK and DSAEK surgery. In: John, T. editor. Corneal Endothelial Transplant: DSAEK, DMEK and DLEK. New Delhi: Jaypee Brothers Medical Publishers (P) LTD 2010: Chapter 20: 225-236.

Terry MA, Ousley PJ. Deep Lamellar Endothelial Keratoplasty (DLEK): Large Incision Technique. In: John, T. editor. Corneal Endothelial Transplant: DSAEK, DMEK and DLEK. New Delhi: Jaypee Brothers Medical Publishers (P) LTD 2010: Chapter 15: 157-170.

Terry MA. Deep Lamellar Endothelial Keratoplasty (DLEK): A procedure for special cases of endothelial dysfunction. In: John, T. editor. Corneal Endothelial Transplant: DSAEK, DMEK and DLEK. New Delhi: Jaypee Brothers Medical Publishers (P) LTD 2010: Chapter 16: 171-182.

Terry MA. Deep Lamellar Endothelial Keratoplasty (DLEK): Small incision technique combined with phacoemulsification and posterior chamber IOL. In: John, T. editor. Corneal Endothelial Transplant: DSAEK, DMEK and DLEK. New Delhi: Jaypee Brothers Medical Publishers (P) LTD 2010: Chapter 17: 183-200

Greiner MA, Straiko MD, **Terry MA.** Keratoplasty – Endothelial Keratoplasty. Chapter 19, pages 1-9. In: OCT in Ophthalmology Atlas, section III. (In press 2013)

Brunette I, **Terry MA,** Meunier J. 3-D Corneal Shape after Deep Lamellar Endothelial Keratoplasty. 2012 (in press)

John T, Regis-Pacheco LF, Pecego JG, and **Terry MA.** History of Lamellar and Penetrating Keratoplasty. In: John, T. editor. Corneal Endothelial Transplant: DSAEK, DMEK and DLEK. New Delhi: Jaypee Brothers Medical Publishers (P) LTD 2010: Chapter 14: 143-156.

Shamie N, Chen ES, **Terry MA.** Posterior lamellar keratoplasty (PLK) and deep lamellar endothelial keratoplasty (DLEK). In: Brightbill FS, McDonnell PJ, McGhee CNJ, Farjo AA, Serdarevic ON, eds. Corneal Surgery :Theory, Technique and Tissue ; Mosby/Elsevier, U.K. 4th Edition. 2009; Chapter 65: 565-570.

Terry MA. Endothelial replacement. In: Krachmer J, Mannis M, Holland E, eds. *Cornea: Surgery of the Cornea and Conjunctiva*. 2nd ed. St. Louis, MO: Elsevier Mosby; 2005: Chapter 140: 1707-1718.

Terry MA, Ousley PJ: Deep Lamellar Endothelial Keratoplasty: Large Incision Technique. In: John, T. editor. Lamellar Corneal Surgery. Edition 1 McGraw-Hill Publishing, Co 2008; Chapter 27: 321-335.

Terry MA, Ousley PJ: Deep Lamellar Endothelial Keratoplasty: Small Incision Technique combined with Phacoemulsification and Posterior Chamber Intraocular Lens Implantation In: John, T. editor. *Lamellar Corneal Surgery*. Edition 1 McGraw-Hill Publishing, Co 2008; Chapter 29: 345-364.

Terry MA. Deep Lamellar Endothelial Keratoplasty (DLEK): Small and Large Incision Techniques. In: Arenas E, Hoyas JE, eds. *Lamellar Corneal Graft*. Jaypee Brothers Medical Publishers (P) LTD. New Delhi. 2006: Chapter 11: 281-316.

Shamie N, Phillips, P, **Terry MA**. Descemet's Stripping Endothelial Keratoplasty. In Duanes *Clinical Ophthalmology* 2009, Volume 6, Chapter 29. (In Press 2009)

Chen ES, Shamie N, **Terry MA**. Deep lamellar endothelial keratoplasty and posterior lamellar keratoplasty. In: Fontana L, Tassinari, G. Eds. *Atlas of Lamellar Keratoplasty*, San Giovanni, Italy: Fabiano S.r.l. 2007: Section 2, topic 4: 185-192.

Chen ES, Shamie N, **Terry MA**. Descemet's stripping endothelial keratoplasty. In: Fontana L, Tassinari, G. Eds. *Atlas of Lamellar Keratoplasty*, San Giovanni, Italy: Fabiano S.r.l. 2007: Section 2, topic 4: 193-202.

Panda A, **Terry MA**, Kumar A, Sethi HS. Current perspective on posterior lamellar Keratoplasty. Panda A. editor. In _____ 2007. (in press)

Terry MA. Ocular pain and redness. In: Cioffi GA, ed. *Ophthalmology for the Health Care Professional*. Baltimore, MD: Williams and Wilkins; 1997:9-11.

Terry MA. Foreign body sensation. In: Cioffi GA, ed. *Ophthalmology for the Health Care Professional*. Baltimore, MD: Williams and Wilkins; 1997:14-6.

Terry MA. Ocular injury. In: Cioffi GA, ed. *Ophthalmology for the Health Care Professional*. Baltimore, MD: Williams and Wilkins; 1997:16-9.

Terry MA. Blepharitis. In: Cioffi GA, ed. *Ophthalmology for the Health Care Professional*. Baltimore, MD: Williams and Wilkins; 1997:51-61.

Terry MA. Conjunctivitis. In: Cioffi GA, ed. *Ophthalmology for the Health Care Professional*. Baltimore, MD: Williams and Wilkins; 1997:61-72.

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Invited Peer-Review Articles

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Terry MA. Advances in Lamellar Corneal Surgery-Consultants Corner. In: Focal Points – Clinical modules for Ophthalmologists. (AAO publication) 2008;Volume 26, number 4.

Straiko MD, Shamie N, **Terry MA.** Endothelial keratoplasty: Past, present, and future directions. *International Journal of Ophthalmology* 2010 (in press)

Talajic JC, Striko MD, **Terry MA.** Descemet's stripping automated endothelial keratoplasty: Then and Now. *Intl Ophthalmology Clinics* 2013 (in press)

Arenas E, Esquenazi S, Anwar M, **Terry MA.** Lamellar Corneal Transplantation: A Major Review. *Survey of Ophthalmology* 2012 (in press)

Terry MA. The Evolution of Endothelial Keratoplasty. *Current InSight* [serial online]. July 2006;1(3). Available from: American Academy of Ophthalmology, San Francisco, CA.

Terry MA. Management of Corneal Endothelial Dysfunction. [AAO Specialty Clinical Update]. 2005. Available online at: http://www.aao.org/vp/edu/ced_cornea/v1m5

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Terry MA. Endothelial Keratoplasty: A Simple and Easy DSAEK Technique to avoid complications. *Vision Pan-America* 2007; Volume VI, No 3, 10-13.

Terry MA. Deep Lamellar Endothelial Keratoplasty (DLEK): pursuing the ideal goals of endothelial replacement. *Eye* 2003;17:982-8.

Terry MA. A new approach for endothelial transplantation: Deep Lamellar Endothelial Keratoplasty. *Int Ophthalmol Clin* 2003;43:183-93.

Terry MA. Endothelial replacement: the limbal pocket approach. *Ophthalmol Clin N Am* 2003;16:103-12.

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Terry MA. Dry eye in the elderly. *Drugs Aging* 2001;18:101-7.

Terry MA. The evolution of lamellar grafting techniques over twenty-five years. *Cornea* 2000;19:611-6.

Chen ES, **Terry MA,** Shamie N, Phillips PM. Complications in endothelial keratoplasty (EK). *Expert Rev. Ophthalmol.* 2008; 3:703-9

Shamie N, Chen ES, **Terry MA.:** Endothelial Keratoplasty: Re-defining the Surgical Therapy of Endothelial dysfunction. *Expert Rev. Ophthalmol.* 2006; 1:31-39

Chen ES, Shamie N, Hoar KL, **Terry MA**: The New Triple Procedure : DSAEK with concurrent Phaco with IOL. *Techniques in Ophthalmology* 2007; 5 (4): 143-149

Phillips PM, Shamie N, **Terry MA**. Corneal endothelial replacement: Long-term outcomes and future prospects. *Contemporary Ophthalmology* 2008; 7:1-8.

Invited Non-Peer Review Articles

Terry MA. Ten Tips for Successful DSAEK Surgery. *Ocular Surgery News* 2011; Jan Issue

Straiko MD, **Terry MA**. Staged v combined procedure in eyes with cataract and Fuchs' corneal dystrophy. *Cataract and Refractive Surgery Today*, February 2012 issue.

Terry MA, McLeod SD, Hannush SB, Connors MS. Deep anterior lamellar keratoplasty may become the preferred method for corneal transplantation. *EyeWorld* 2007; May Issue.

Terry MA. Endothelial Replacement Surgery: A comparison of deep lamellar endothelial keratoplasty (DLEK) and penetrating keratoplasty. *Cataract and Refractive Surgery Today* 2005; 1:90-92.

Terry MA. Deep Lamellar Endothelial Keratoplasty (DLEK): a new surgical cure for bullous keratopathy following cataract surgery. *Cataract and Refractive Surgery Today* 2004; 2:20-4.

Terry MA. Endothelial replacement without corneal incisions or sutures: Deep Lamellar Endothelial Keratoplasty. *Vision Panamerica* 2002;1(2).

Terry MA. Endothelial Keratoplasty: Understanding DSEK and DSAEK. *Cataract and Refractive Surgery Today- Europe* 2006; Cover Story July/August Edition.

Educational Videotape Productions

Terry MA, Hoar KL: "Descemet's Stripping Endothelial Keratoplasty (DSAEK): Tips, Techniques and Clinical Results". *American Academy of Ophthalmology Video Library*, Annual Meeting, November 2006

Terry MA, Ousley PJ. "Small Incision Deep Lamellar Endothelial Keratoplasty (DLEK): Technique and Results. *American Academy of Ophthalmology Video Library*, Annual Meeting, October 2004.

Terry MA, Ousley PJ. "The New Triple Procedure: First World Wide Patients with DLEK combined with Phaco/IOL surgery". *American Academy of Ophthalmology Video Library*, Annual Meeting, "Best of Show", October 2002.

Terry MA. "The Deep Lamellar Endothelial Keratoplasty Procedure" *Video Journal of Ophthalmology*; 4th Quarter Edition, December 2000.

Terry MA, Ousley PJ. "Replacing the Endothelium Without Surface Corneal Incisions or Sutures: The Deep Lamellar Endothelial Keratoplasty Procedure". *American Academy of Ophthalmology Video Library*, Annual Meeting, "Best of Show", October 2000.

Shamie N, Chen ES, **Terry MA.** "Deep Lamellar Endothelial Keratoplasty (DLEK)". In: Brightbill FS, McDonnell PJ, McGhee CNJ, eds. *Corneal Surgery*. 4th Edition. 2007 (in press)

Chen ES, Shamie N, **Terry MA.** Descemet's stripping endothelial keratoplasty. In: Fontana L. (editor) _____ 2007 (in press)

Chen ES, Shamie N, **Terry MA.** Deep lamellar endothelial keratoplasty. In: Fontana L. (editor) _____ 2007 (in press)

Inventions and Patents

Silicone Artificial Iris: U.S. Patent No. 6,280,469. "Implantable Iris Device for the Eye, and Method of Installing Same." Mark A. Terry and Paula J. Ousley. Issued August 28th, 2001.

Endothelial Keratoplasty Instrumentation:

(Manufactured by Bausch and Lomb Surgical, St. Louis, MO)

- Terry Trephine
- Devers Dissectors (Straight and Curved)
- Modified Artificial Anterior Chamber
- Cindy Scissors
- Cindy II Scissors
- Ousley Insertion Spatula
- Charlie Insertion Forceps
- Nick Pick retraction hook
- Terry Scraper for DSEK
- Cindy Sweeper for DSEK
- Terry Transporter for DMEK

Penetrating Keratoplasty Instrumentation:

(Manufactured by Katena Instruments, Denville, NJ)

- Terry Micro Corneal Scissors

Presentations at International Scientific Meetings

Endothelial Keratoplasty Surgery (DLEK and DSEK/DSAEK)

Dr. Terry has presented invited lectures in the following countries:

Japan (X2), England (X3), Italy (X6), Spain (X3), China (X2), Brazil (X4), Hong Kong(X2), Greece, India, Peru, Cuba, Columbia, Mexico (X2), Canada (X5), Egypt, South Africa, Kuwait, Saudi Arabia, United Arab Emirates (Dubai)), Germany, Poland, Iran, New Zealand

Terry, MA: Deep Lamellar Endothelial Keratoplasty (DLEK): History, Technique and Results. Keynote Address, World Cornea Congress V; Washington D.C.; April 2005

Terry, MA: New techniques of corneal surgery. Moderator and speaker of Symposium. International Ophthalmology Congress, Sao Paulo, Brazil. February 2006.

Terry MA: Endothelial Keratoplasty: Visual Acuity, Graft Survival and Impact on Keratoplasty. World Cornea Congress VI; Boston, MA. April 2010.

Named Lectureships presented by Dr Terry

1. Jorge Rodriguez, MD, MPH Memorial Lecture: University of Arizona, Tucson, AZ June 10, 2004. "Deep Lamellar Endothelial Keratoplasty (DLEK): New surgery, new paradigm of cooperation"
2. George L. Tabor Lecture: U. of California, San Diego and San Diego Eye Bank Symposium, San Diego, CA. October 9, 2004. "Deep Lamellar Endothelial Keratoplasty: Results and complications."
3. George T. Humphreys Lecture: U. of Virginia, Charlottesville, Charlottesville, Virginia. September 26, 2006. "Selective Keratoplasty: Endothelial Keratoplasty (EK) and Deep Anterior Lamellar Keratoplasty (DALK)."
4. Ronald G. Michels, M.D. Memorial Lecture: Wilmer Eye Institute, Johns Hopkins University, Baltimore, MD, December 8, 2006. "Endothelial Keratoplasty: Current technique, results and future directions."
5. Michael C. Krueger Lecture: South African Ophthalmological Society, Durbin, South Africa, March 1, 2009. "DSAEK: Simple surgical techniques to avoid dislocations, primary graft failure and pupillary block".
6. Charles Tillett Lecture: Wilmer Eye Institute, Johns Hopkins University, Baltimore, MD, February 27, 2010. "Endothelial Keratoplasty: History, current practice, and future developments."
7. The Doheny Lecture: Doheny Eye Institute, U.of Southern California, Los Angeles, CA. June 10, 2010. "Advances in Endothelial Keratoplasty: The balance between benefits and risks."
8. Phillip P. Ellis Lecture: U. of Colorado, Denver; Denver, CO, October 2, 2010. "Advances in Endothelial Keratoplasty: The balance between benefits and risks."
9. Sanford Gifford Memorial Lecture: Chicago Ophthalmological Society, Chicago, Illinois. February 4, 2011. "EK Mythbusters: Common knowledge about DSAEK that is wrong."

10. Walter Stafford, M.D. Alumni Lecture: St. Louis University Eye Institute, St. Louis, MO, June 11, 2011. "The hidden history and continued development of endothelial keratoplasty".
11. Thomas Moore M.D Lecture: U.C. San Francisco, San Francisco, CA. October 13th, 2011. "Endothelial Keratoplasty: Hidden history, current state, and future developments".
12. Everett R Veirs, M.D. Lecture: Scott and White Healthcare, Texas A & M College of Medicine, Temple, TX. February 4, 2012. "The Hidden History and Future Developments of Endothelial Keratoplasty".
13. Douglas J. Coster M.D. Lecture: Australian and New Zealand Corneal Society annual meeting. Auckland, NZ, March 3, 2012. "Endothelial Keratoplasty: Current techniques, complications, and future developments."
14. ____ DeVoe M.D. Lecture: Columbia University, NYC, NY December 20th, 2012. "Endothelial Keratoplasty: Why aren't we all doing DMEK?"

ARVO Presentations and Abstracts

(From 2007 to present, Dr Terry and members of his cornea research service have presented between 4 and 7 papers and/or posters at the annual ARVO meeting each year. Titles and abstracts of all these presentations can be accessed at the ARVO website)

Presentations and abstracts prior to 2007:

Terry M.A., Hoar KL.. Endothelial Keratoplasty (DLEK and DSEK): Steps to prevent dislocations. (ARVO Abstract 2006)

Wall, J., Hoar, KL, Terry, MA. Vision and Endothelial Keratoplasty (DLEK): How quickly does endothelial cell function recover and corneal pachymetry stabilize? (ARVO Abstract 2006)

Hoar, KL, Terry, MA. Endothelial Keratoplasty (DLEK and DSEK): Does final corneal thickness matter? (ARVO Abstract 2006)

Brunette I., Laliberte J.F., Meunier J., Ousley P.J., Terry M.A. 3D topographic comparison of Deep Lamellar Endothelial keratoplasty (DLEK) large and small incision techniques (ARVO Abstract 2006)

Ousley PJ, Terry MA. Six and twelve month results after DLEK endothelial replacement combined with cataract surgery (ARVO Abstract 2005)

Armour R.L. , Wertheim R.L., Mathers W.D., Ousley P.J., Terry M.A. Deep Lamellar Endothelial Keratoplasty (DLEK) normalizes the total and higher order aberrations. (ARVO Abstract 2005)

Armour R, Wilson D, Ousley PJ, Terry MA. Deep Lamellar Endothelial Keratoplasty (DLEK): how thick and uniform is the manual stromal dissection and does it affect vision? [ARVO Abstract] 2004.

Ousley PJ, Terry MA. Stability of vision, topography, and endothelial cell densities from one year to two years after DLEK surgery. [ARVO Abstract] 2004.

Terry MA, Ousley PJ. Replacing the endothelium without surface corneal incisions or sutures: spherical equivalent refractive results in the first U.S. DLEK patients. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 2002.

Ousley PJ, Terry MA. Topography of the Deep Lamellar Endothelial Keratoplasty (DLEK) technique: first U.S. patients. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 2001;42:S529.

Terry MA, Ousley PJ. Replacing the endothelium without corneal surface incisions or sutures: topography of the Deep Lamellar Endothelial Keratoplasty procedure. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 2000.

Terry MA, Ousley PJ. Deep Lamellar Endothelial Keratoplasty causes minimal surface topography changes. Twenty-fifth Annual Meeting of the Castroviejo Corneal Society, Orlando, Florida, October 23 1999.

Ousley PJ, Terry MA. Corneal power changes in corneal transplantation for Fuchs' dystrophy and keratoconus. [ARVO Abstract] *Invest Ophthalmol Vis Sci*; 1999;40(4):S632.

Terry MA, Ousley PJ. Early and late astigmatism in corneal transplantation for Fuchs' dystrophy and keratoconus. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1999;40(4):S632.

Excimer Laser and Corneal Topography

Hick S, Laliberte J, Meunier J, Ousley PJ, Terry MA. Objective screening for the detection of refractive surgery in donor corneas. [ARVO Abstract] 2004.

Ousley PJ, Terry MA. Identifying prior refractive surgery in donor eyes. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 2000;21(4):S530.

Terry MA, Ousley PJ. The use of Orbscan maps in analyzing early PRK: topography and pachymetry. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1997.

Ousley PJ, Terry MA. Screening of donor eyes for prior PRK: evaluation of the Orbscan and TMS-1 technologies. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1997.

Terry MA, Stevens SX, Scoper SV, Rowsey JJ. Excimer laser stromal ablation rate. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1990;31(4):245.

Fowler WC, Stevens SX, Rowsey JJ, Terry MA, Scoper SV, Tucci AT. Corneal stromal and epithelial hydration during excimer laser ablation. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1990;31(4):245.

Stevens SX, Rowsey JJ, Terry MA. Corneal haze qualification system. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1990;31(4):319.

Astigmatism and Refractive Surgery

Terry MA, Ousley PJ. Precision of keratectomy with the Draeger rotor microkeratome. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1993;34(4):1085.

Scoper SV, Terry MA, Rowsey JJ. Corneascope indications for pterygium excision. Annual meeting of the American Academy of Ophthalmology, 1990.

Terry MA, Rowsey JJ. Clinical application of the modified Ruiz procedure for astigmatism. [ARVO Abstract] *Invest Ophthalmol Vis Sci*, 1988;29:392.

Rowsey JJ, Stevens SX, Fouraker BD, Terry MA, Monlux R. Comparative operative results at one year after penetrating keratoplasty in aphakic and pseudophakic eyes. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1988;29:7.

Davis RM, Terry MA, Monlux R, Stevens SX. Results of four incision radial keratotomy at one year. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1988;29:280.

Terry MA, Reifschneider JS, Burris TE, Peloquin WH. An animal model of astigmatism. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1986;27(3).

Ousley PJ, Terry MA. Incision depth in R.K.: is it the knife or the technique that counts? [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1994;35(40):1295.

Terry MA, Ousley PJ. Corneal topography shifts in R.K.: is it the knife or the technique that counts? [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1994;35(4):1295.

Terry MA, Ousley PJ. Radial keratotomy technique: how valid are preoperative pachymetry readings? [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1995;36(4):583.

Ousley PJ, Terry MA. Combined R.K. and astigmatism surgery: does the relative position of the A.K. incisions matter? [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1995;36(4):831.

Ousley PJ, Terry MA. Corneal mapping and predictability of vision in the post-R.K. patient. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1996;35:5932.

Corneal Physiology

Ousley PJ, Terry MA. The effects of corneal hydration on topography. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1993;34(4):1249.

Ousley PJ, Terry MA. Freeze/thaw effects on corneal topography in research eyes. Annual Meeting of the Eye Bank Association of America, San Diego CA, 1993.

Ayer CT, Burris TE, Ousley PJ, Terry MA. Corneal deturgescence and topography techniques for cadaver eye surgery: considerations for reduction of artifacts. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1993;34(4):1219.

New Devices

Terry MA, Ousley PJ. The foldable silicone artificial iris. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1998;39.

Ousley PJ, Terry MA. The Tampa Trephine: low astigmatism using the single continuous suture technique. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1996;37.

Terry MA, Ousley PJ. The Tampa Trephine: a comparison of endothelial cell damage to the Barron Trephine. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1996;37:S84.

Microbial Keratitis and Antibiotics

Stevens S, Fouraker B, Jensen H, Gherezghiher T, Terry M, Rowsey JJ. Corneal toxicity of ciprofloxacin. *Invest Ophthalmol Vis Sci* 1989;30(3):423.

Scoper SV, Terry MA, Jensen HG, Fowler WC, Rowsey JJ. Acanthamoeba association with gram negative rods. Annual Meeting of the American Academy of Ophthalmology, 1990.

Endophthalmitis

Terry MA, Rowsey JJ. Limbal vs. pars plana vitrectomy in endophthalmitis: a report of 140 consecutive cases. Annual Meeting of the American Academy of Ophthalmology, 1990.

Terry MA, Rowsey JJ. Prognostic factors in endophthalmitis: a review of 140 consecutive cases. Annual Meeting of the Ocular Microbiology and Immunology society, 1989.

Terry MA, Rowsey JJ. Streptococcus endophthalmitis: an evaluation of aggressive therapy in 31 consecutive cases. [ARVO Abstract] *Invest Ophthalmol Vis Sci* 1991;32(4):201.

RESEARCH GRANTS

- 1) U.S. Navy CIP #83-48-1859
"Surgical Induction and Manipulation of Corneal Astigmatism, Phases I, II, and III."
1983 to July 1987
- 2) U.S. Navy CIP #84-48-1947
"Prospective Evaluation of Intraocular Lens Implantation: Visual results and Complication."
1983 to July 1987
- 3) University of Oklahoma IRB #02579:
"Epikeratophakia for Myopia, Aphakia and Keratoconus."
July 1987 to June 1989
- 4) University of Oklahoma IRB #02839:
"Treatment of Corneal Transplants with Human Epidermal Growth Factor."
July 1987 to June 1989
- 5) University of Oklahoma IRB #02839:
"Treatment of Lamellar Keratoplasty with Human Epidermal Growth Factor."
July 1987 to June 1989
- 6) University of Oklahoma IRB #02839:

- "Persistent and Recurrent Corneal Epithelial Defects Treated with Human Epidermal Growth Factor."
July 1987 to June 1989
- 7) University of Oklahoma IRB #02791:
"Use of Topical All-Trans Retinoic Acid in Dry Eye States."
July 1987 to June 1989
 - 8) University of Oklahoma IRB #01612:
"Keratorefractive Surgery: A Prospective Evaluation of Radial Keratotomy."
July 1987 to November 1990
 - 9) University of Oklahoma IRB #03268:
"The Evaluation of Fibronectin Drops in Non-Healing Corneal Defects."
July 1988 to November 1990
 - 10) Alcon Laboratories sponsored research, Protocol #C -88-88:
"Use of Ciprofloxacin in the Treatment of Corneal Ulcers."
January 1989 to November 1990
 - 11) Bausch and Lomb sponsored, Univ. of Oklahoma IRB #03752:
"Evaluation of Brolene in the Topical Therapy of Acanthamoeba Keratitis."
January 1989 to July 1990
 - 12) Alcon Laboratories sponsored research, Protocol #C-90-85:
"Ciprofloxacin Ointment in the Therapy of Bacterial Ulcerative Keratitis."
May 1991 to November 1992
 - 13) Keravision Corporation sponsored Clinical Study III
"Evaluation of ICRS (Intrastromal Corneal Ring Segments) for the Correction of Myopia"
November 1996 to April 1998
 - 14) Santen Laboratories sponsored research, Protocol #03-004
"A Clinical and Microbiological Evaluation of 0.5% Levofloxacin Ophthalmic Solution vs. Placebo for the Treatment of Bacterial Conjunctivitis."
March 1998 to December 1998
 - 15) Allergan Laboratories sponsored research, Protocol #192371-006
"The Use of Cyclosporine Topical Therapy in Treatment of Patients with Moderate Keratoconjunctivitis Sicca."
August 1999 to February 2000
 - 16) Allergan Laboratories sponsored research, Protocol #192371-010
"The Use of Cyclosporine Topical Therapy in the Treatment of Patients with Moderate to Severe Keratoconjunctivitis Sicca."
Sept 2000 to June 2001
 - 17) Legacy Good Samaritan Pilot Study Grant: "Femtosecond Laser DLEK: Cadaver Eye Histopathology Study" May 2003 to September 2003

- 18) Legacy Good Samaritan Pilot Study Grant: "Descemets' stripping DLEK surgery: Cadaver Eye Histopathology Study" July 2004 to July 2005.
- 19) Legacy Health System: "A prospective study of endothelial keratoplasty" IRB approval #M 1517-01: March 2000 to present. Funding through an ongoing annual grant from the Lions VisionGift to the Vision Research Laboratory directed by Dr. Terry.
- 20) Angiotech sponsored research (\$20,000 grant): Endothelial cell loss with corneal trephination: A laboratory study. December 2010
- 21) Fischer Surgical sponsored research (\$40,000 grant). Endothelial cell loss with the NCI DSAEK tissue inserter: A laboratory study. January 2011 to July 2011.
- 22) NIH Multicenter Grant (P.I. Jonathan Lass): Corneal Preservation Time Study. April, 2012 to present
- 23) NIH Grant (P.I. David Huang): Excimer laser modification of DSAEK donor tissue. April 2012 to present