MING WANG, M.D., PH.D

The film "Sight" (www.drmingwang.com) is based on Dr. Wang's autobiography "From Darkness to Sight", co-starring Greg Kinnear.

CEO, Aier-USA
Co-founder and president, the Common Ground Network (www.commonground.network)
Co-founder and president, Tennessee Immigrant and Minority Business Group (www.TIMBG.org)
Clinical Professor, Meharry Medical College
Director, Wang Vision Institute (www.wangvisioninstitute.com)
1801 West End Ave, Ste 1150, Nashville, TN, 37203, USA, 615-321-8881, 615-321-8874(fax)
www.drmingwang.com, drwang@wangvisioninstitute.com

Dr. Ming Wang, Harvard & MIT (MD, *magna cum laude*); Ph.D. (laser physics), is a philanthropist, community activist and a world-class cataract and LASIK eye surgeon. He is the founding director of the internationally known Wang Vision Institute, Nashville, TN, USA.

As a co-founder of the 501c(3) non-profit organization, the Common Ground Network, Dr. Wang has dedicated his life to helping people find common ground and solutions to problems.

Dr. Wang published a paper in the world-renowned journal *"Nature",* over 120 papers and book chapters, as well as 10 ophthalmic textbooks, 2 biographies and 2 other books:

- ***Corneal Topography in the Wavefront Era***
- ***Irregular Astigmatism - Diagnosis and Treatment***
- ***Corneal Dystrophy and Degeneration - a Molecular Genetic Approach***
- ***Keratoconus and Keratoectasia - Prevention, Diagnosis and Treatment,***
- ***LASIK Vision Correction***
- ***Corneal Topography in the Wavefront Era – 2nd edition***
- ***Atlas and Clinical Guide for Corneal Topography***
- ***Refractive Lens Exchange – a Surgical Treatment for Presbyopia***
- ***The 5th Wave – Surgical Treatment for Presbyopia***
- ***Grow Your Eye Care Practice: High-Yield Pearls from the Marketing Experts***
- ***From Darkness to Sight (autobiography) – a journey from hardship to healing.***
- ***Dancing with Eyes (autobiography) – the story of one of America's foremost laser physicists and eye surgeons.***
- ***Common Ground Bible Study***
- ***Seeing beyond – a Bible study guide for the film Sight***

Dr. Wang specializes in 3D SMILE & 3D LASIK (18+), 3D Implantable Contact Lens (21+), 3D Forever Young Lens (45+), and 3D laser cataract surgery (60+).

A former panel consultant to the U.S. FDA Ophthalmic Device Panel, Dr. Wang holds several U.S. patents for his inventions of new biotechnologies to restore sight, including

- **The world's first amniotic membrane contact lens**
- **Adaptive infrared retinoscopic device for detecting ocular aberrations**
- **Digital eye bank for virtual clinical trials.**

The Wang Foundation for Sight Restoration, a 501c(3) non-profit charity founded by Dr. Wang, has helped patients from over 40 states in the U.S. and 55 countries worldwide, with all sight restoration surgeries performed free-of-charge.

Dr. Wang has received numerous awards including the Honor Award of the American Academy of Ophthalmology, the Lifetime Achievement Award of the Association of Chinese American Physicians, an honorary doctorate degree from Trevecca Nazarene University, NPR's philanthropist of the Year Award, and Kiwanis Nashvillian of the Year Award for his lifetime dedication to helping blind orphan children from around the world.

Growing up during China's Cultural Revolution in the 1960s, Ming had to play the Chinese erhu violin and dance in order to avoid being sent away to labor camps for a life of hard labor and poverty, a devastating fate that fell upon 20 million youth in China. He eventually made his way to America with only $50, where against all odds he earned a doctorate degree in laser physics and graduated with an MD (*magna cum laude*) and the highest honors from Harvard Medical School and MIT.

Dr. Wang's autobiography, *From Darkness to Sight*, is an inspirational story of how one man turned fear, poverty, persecution, and prejudice into healing and love for others. It demonstrates how focus, determination, humility, and profound faith can inspire a life that, in turn, impacts the lives of countless others.

A major motion picture "*Sight*" is being made which is based on Dr. Wang's autobiography "From Darkness to Sight", co-starring Greg Kinnear.

POSITION:	**CEO, Aier-USA** **Co-founder and president, the Common Ground Network** **Co-founder and president, Tennessee Immigrant and Minority Business Group** **CEO, Aier-USA** **Clinical Professor, Meharry Medical College** **Director, Wang Vision 3D Cataract and LASIK Center – an Aier-USA eye clinic**
***DEGREES*:**	**M.D. (*Magna cum laude)*** **Harvard Medical School and Massachusetts Institute of Technology** **Division of Health Science and Technology** **Cambridge, MA** **June, 1991** **Postdoctoral Fellowship** **MIT/Harvard, 1987-1988** **Ph.D. (laser spectroscopy)** **University of Maryland at College Park, College Park, MD, 20742** **December, 1986** **Honorary doctorate degree** **Trevecca University,** **Nashville, TN, May 2015**
INVENTIONS AND PATENTS:	**LASERACT – phaco-free all-laser cataract surgery** **U.S. patent filed** **Phacoplasty** **U.S. patent filed** **Biochemical contact lens for photoablated corneal tissue** **U.S. Patent Serial No 5,932,205, 1999** **Biochemical contact lens for injured corneal tissue** **U.S. Patent Serial No 6,143,315, 1999** **.**

Adaptive infrared retinoscopic device for detecting ocular aberrations
U.S. Utility Patent Application Serial No. 11/642,226
December, 2006

Digital eye bank for virtual clinical trials, with /YL Chen
U.S. Utility Patent Application Serial No. 11/585,522
October 24, 2006

Pulsed electromagnetic field therapy for non-healing corneal ulcer
U.S. patent filed with Vanderbilt University

A whole-genome method of assaying in vivo DNA-protein interaction and gene-expression regulation
U.S. patent filed with Harvard University

EDITORIAL BOARD/ REVIEWER

Editor-in-chief: Refractive Eyecare (China edition), Cataract & Refractive Surgery Today (Chinese cover version);

Editorial board member: Cataract & Refractive Surgery Today, Refractive Eyecare

Co-editor: Aier Refractive Surgery Journal

Reviewer: American Journal of Ophthalmology, Genomics, Investigative Ophthalmology and Visual Sciences, Ophthalmology, Cornea, Journal of Refractive Surgery, Journal of Cataract and Refractive Surgery

PROFESSIONAL ORGANIZATIONS

American Society of Cataract & Refractive Surgery
Head Society, American Academy of Ophthalmology
Alumni Societies: Harvard, MIT
Wills Eye Hospital Alumni Society
Bascom Palmer Eye Institute Alumni Society
Nashville Academy of Ophthalmology

LICENCE AND BOARD CERTIFICATION

Licensed in medicine in TN, 1997-;
American board of ophthalmology certified, 1998-;

POST GRADUATE TRAINING:

Clinical fellowship
Cornea/external disease/refractive surgery
Bascom Palmer Eye Institute
Miami, FL, 33101
1996-1997

Resident in Ophthalmology
Wills Eye Hospital
Philadelphia, PA, 19107
1993-1996

Medicine (MD, *magna cum laude*)
Harvard Medical School and MIT
Boston, MA
1987-1992

Postdoctoral Fellow
Molecular Biology
Department of Genetics
Harvard Medical School and MIT
Boston, MA, 02115
1987-1991

Postdoctoral Fellow
Laser Spectroscopy and Collision Dynamics
University of Maryland at
College Park, MD, 20742

1986-1987

FACULTY/TEACHING POSITIONS HELD:

CEO, Aier-USA
Director, Wang Vision Cataract and LASIK Center
Director of Corneal Fellowship Program
Wang Vision 3D Cataract and LASIK Center
2002-present

Clinical Professor
Meharry Medical College
2017-present

Panel Consultant
US FDA Ophthalmic Device Panel
1997-2002

Research Associate Professor of Biomedical Engineering
Department of Biomedical Engineering
Vanderbilt University
2002-2003

Assistant Professor of Ophthalmology
Department of Ophthalmology
Vanderbilt University School of Medicine
1997-2002

Assistant Professor of Ophthalmic Research
Jefferson Medical College and
Wills Eye Hospital
Phil, PA, 19107
1992-1996

Co-instructor
"Laser Tissue Interaction"
Department of Biomedical Engineering
Vanderbilt University
2002-present

Lecturer and course director
Biol 321: "Human Genetics".
Biol 221: "Molecular Genetic Analysis".
Department of Biology
University of Pennsylvania
Philadelphia, PA, 19107
1993-1996

Director, Laboratory of Molecular Oncology
Research Division
Wills Eye Hospital, Phila, PA, 19107
1992-1993

Advisor for premed undergraduate student
Department of Biological Sciences
Harvard University, Cambridge, MA
1988

Instructor
Mathematics/Biology/Chemistry/Physics
Stanley H. Kaplan Education Center
Washington D.C., 20008
1986-1993

Tutor
Chemistry/Mathematics/Physics/Biochemistry
University of Maryland at
College Park, MD, 20742

1982-1986

Research Assistant
Department of Chemistry
University of Maryland at
College Park, MD, 20742
1982-1986

Teaching Assistant
Department of Chemistry
University of Maryland at
College Park, MD, 20742
1982-1985

AWARDS:

DAR Americanism Medal
Daughters of the American Republic
2020

Outstanding Asian American in the U.S.
2019

Nashvillian of the Year
Kiwanis Club International
2016

Peace Award
Atlantic Institute
2015

Honorary doctorate degree
Trevecca University
Nashville, TN, 2015

Lifetime Achievement Award
Association of Chinese American Physicians
New York, June, 2007

Castle Connelly Selection (award given to less than 1% of US physicians)
2002 - present.

Honor Award
American Academy of Ophthalmology
2004

Best Paper in Cornea Session
"Corneal melt after Intacs"
With Dr. Lance Kugler
ASCRS 2010, Boston, MA

Best Paper in Cornea Session
"Efficacy in treating anterior cornea vs non-anterior corneal astigmatism"
ASCRS, 2005

Best Paper in Cornea Session
"Posterior changes after LASIK"
ASCRS, 2002

1999/2001 Burroughs-Wellcome Fund Finalist for award as New Investigator
2000

Fight for Sight Fellow
Grant-in-Aid
1999

1998/2000 Burroughs-Wellcome Fund Finalist for award as New Investigator
1999

Vice Chancellor's Faculty Scholar Award
Vanderbilt University
1998.

Fight for Sight Fellow
Research to Prevent Blindness
1998

Best paper in refractive surgery
"Hyperopic shift after PTK"
ASCRS, 1998.

Heed Fellow
Heed Foundation
1996-1997.

ARVO/Retina Research Foundation
Lawrence Fellowship Grant
"Equivalent Gene Carrier Model"
ARVO, 1995.

James Shipman Award
for the "Best Scientific Presentation by
a resident at the Annual Conference of
Wills Eye Hospital"
Philadelphia, PA, 19107
1994

Henry and Corinne Bower Fellow
Wills Eye Hospital
Philadelphia, PA, 19107
1992-1993

Magna cum laude **(M.D.)**
Harvard Medical School
Boston, MA, 02115
1991

Harold Lamport Biomedical Research Prize:
For "the Best Thesis Reporting Original
Research in the Biomedical Sciences"
Harvard Medical School
Boston, MA, 02115
1991

Robert D. McCallum Retina Research Fellow
Wills Eye Hospital
Philadelphia, PA, 19107
1991

R.H. Levine Scholar of Health Science and
Technology
Research Grant, HST/1990
Harvard Medical School
Massachusetts Institute of Technology
Boston, MA, 02115
1990

Sellard Fellow: For Excellence in
Research in Social Medicine
Harvard Medical School
Boston, MA, 02115
1989

National Science Foundation Postdoctoral Fellowship
Laser Collision Dynamics
National Science Foundation
Washington D.C., 20550
1987

Gold Medal
Latin
1997 United States USABDA Novice National Championship
Newark, DE
1997

World finalist, pro-am world ballroom dance championship in international 10-dance, 2006.

RESEARCH GRANTS:

PhamrVU/Chancellor's fund
"Amniotic contact lens" for development based on US patent (6,143,315)
7/1/01-5/03, $100,000.

NIH RO1 (EY-01621), as co-PI (PI: Denis O'Day)
"Experimental Fungal Infections of the Eye"
4/1/97 – 3/31/00, $1,080,345.

SDRC grant, Vanderbilt.
"Creation of a transgenic mouse model for lattice dystrophies".
5/1/98-4/30/01, $60,000.

Grants-in-Aid, Fight for Sight,
Research to Prevent Blindness
"Transgenic mouse model for corneal dystrophies".
7/1/98-6/30/99, $11,000.

Award as finalist for new investigator in
Molecular Pathogenic Mycology
Burroughs Wellcome Fund
8/9/98 – 8/29/98, course, $5,000.

URC Vanderbilt Research Award
"A novel treatment of recalcitrant corneal ulcer using pulsed magnetic therapy".
7/1/98 – 6/30/99, $16,000.

Joe C. Davis Foundation Award
"Characterization of keratoepithelin gene in corneal wound healing".
1/1/98 – 12/31/99, $50,000.

Pennsylvania Lions Foundation.
"Mechanism of tumor suppression: in vivo interaction of retinoblastoma protein with human genes."
7/1/92 – 6/30/93, $7,000.

Harvard Medical School
"The impact on social economics and child education of the one-family-one-child birth-control policy in China".
6/88 – 9/88, $3,500.

BOOKS:

Wang MX, editor; Mr. Shareef Mahdavi, Mr. Mike Malley and Dr. Tracy Swartz co-editors
Grow Your Eye Care Practice: High-Yield Pearls from the Marketing Experts
SLACK, Inc
2020

Wang MX, editor; Tracy Swartz, Nathan Rock, co-editors
The 5th Wave – Surgical Treatment of Presbyopia
SLACK, Inc
2018

Wang MX
From Darkness to Sight – a journey from hardship to healing
Autobiograph
Dunham Publishing
2016

Wang MX, editor; Tracy Swartz, co-editor
Refractive Lens Exchange: surgical treatment for presbyopia
SLACK, Inc
2015

Wang MX, and Kugler K, co-editors
Atlas and Clinical reference guide to corneal topography
SLACK, Inc
2014

Wang MX, editor; Tracy Swartz, co-editor
Corneal Topography in the Wavefront Era – a Guide for Clinical Application
2nd edition
SLACK, Inc
2011

Wang MX, editor, Tracy Swartz, co-editor
Keratoconus and Keratoectasia – Prevention, Diagnosis and Treatment
SLACK, Inc
2009

Wang MX, editor, Tracy Swartz, co-editor
Irregular Astigmatism – Diagnosis and Treatment
SLACK, Inc
2007

Wang MX.
Dancing with Eyes – the story of one of the America's foremost laser physicists and eye surgeons
Autobiography
2006

Wang MX, editor, Tracy Swartz, co-editor
Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc
2006

Wang MX, editor
Corneal Dystrophies and Degenerations – A Molecular Genetics Approach
American Academy of Ophthalmology
2003

Wang MX.
LASIK Vision Correction
1998

CHAPTERS IN BOOKS:

Wang MX, Shields JA and Donoso LA:
Subclinical metastasis of uveal melanoma.
International Ophthalmology Clinics
33, 119-127, 1993

Zhang K, Wang MX, Munier F, Roth D,
Mastrangelo D, Chung S, Shields JA and
Donoso LA:
Molecular Genetics of Retinoblastoma.

International Ophthalmology Clinics
33, 53-65, 1993

Wang MX, Donoso LA:
Gene Research and the Eye.
Current Opinion in Ophthalmology
4;III, 102-111, 1993

Cha SB, Shields JA, Shields CL
and Wang MX.
Squamous cell carcinoma of the conjunctiva.
International Ophthalmology Clinics
33, 19-24, 1993

Wang MX, Jenkins JJ III, Cu-Unjieng AB,
Meyer D, and Donoso LA.
Eye tumors.
In "Pediatric Neoplasia: Morphology and
Biology, in Parham DM, Eds,
Lippincott-Raven,
pp405-422, 1996.

Wang MX, and Donoso LA.
Recent Advances in the Molecular Genetics of Retinitis Pigmentosa.
Current Opinion in Ophthalmology
1995, 6:III:1-7.

Wang MX, and Nelson LB.
The diagnosis and management of strabismus presenting after cataract surgery.
Year Book in Ophthalmology
pp421-426, 1995

Wang MX, Donoso LA and Nelson LB.
Molecular genetic basis of ophthalmic diseases.
Duane TD, Tasman WS and Jaeger EA Ed.
Biomedical Foundation of Ophthalmology
Chapter 55, pp1-44, 1996.

Wang MX
Excimer - fundamentals and clinical use.
J. Ophthal Nu and Tech.
15, 230-231, 1996.

Wang MX, and Nelson LB.
Heredity of myopia.
Year Book in Ophthalmology
pp429-435, 1996.

Wang MX, Karp CL, Selkin RP, and Azar DT.
Corneal and Conjunctival surgery,
Ophthalmology, Duker and Yanoff Eds. 5.12, 1-18, 1998.

Wang MX, Forster RK.
Dystrophies, degenerations and congenital
Anomalies of the cornea.
Bascom Palmer Atlas of Ophthalmology
Richard Parrish Eds, 12:91-98, 1999

Wang MX, Carlson A, Liu, J.
X-linked ophthalmic diseases
Duane's Biochemical Foundation of Ophthalmology
Tasman and Jaeger Eds, 57:1-17, 2001.

Wang MX.
Surgical correction of refractive errors
WEBEBM, 2001.

Wang MX, Flattem, N, Munier F.
Molecular genetics of corneal dystrophy
In Wang MX Ed, Cornea Dystrophies and Degeneration – A Molecular Genetics Approach
American Academy of Ophthalmology, 2003.

Flattem N, Wang MX.
Stromal corneal dystrophies
In Wang MX Ed, Cornea Dystrophies and Degeneration – A Molecular Genetics Approach
American Academy of Ophthalmology, 2003.

Irvine AD, McLean WHL, Wang MX.
Epithelial, Basement Membrane and Bowman's Layer Dystrophies
In Wang MX Ed, Cornea Dystrophies and Degeneration – A Molecular Genetics Approach
American Academy of Ophthalmology, 2003.

Handwerger BA, Rapuano CJ, Wang MX, Laibson PR.
Corneal degenerations
In Wang MX Ed, Cornea Dystrophies and Degeneration – A Molecular Genetics Approach
American Academy of Ophthalmology, 2003.

Tran UL, Wang MX.
Excimer laser treatment for corneal dystrophies and Degenerations
In Wang MX Ed, Cornea Dystrophies and Degeneration – A Molecular Genetics Approach
American Academy of Ophthalmology, 2003.

Wang MX.
Physical optics
Chapter 1, Monograph on optics and refraction
Basic Science Series, American Academy of Ophthalmology
2005

Wang MX.
Optical consideration in refractive surgery
Chapter 7, Monograph on optics and refraction
Basic Science Series, American Academy of Ophthalmology
2005

Wang MX, Swartz T
Laser Intacs for keratoconus
In Gulani A ed
2005

Panchal L, Swartz T, Wang MX
Femtosecond laser Intacs for keratoconus
Ophthalmology Hyperguide
2005

Swartz, T et al, and Wang MX.
History of topography
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Yu K, Swartz T, Boerman H, Wang MX.
Anatomy of the cornea
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Coward D, Swartz T, Wang MX.

The Optics of the Cornea
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Swartz T, Liu Z, Yang X, Zhang M, Wang MX.
Topographic Technologies
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Cohen I, Swartz T, Wang MX.
Axial, Eelvation and Pachymetric Mapping
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Guillermo A-U, et al and Wang MX
Pre-refractive surgery evaluation
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Wang MX, Swartz T.
3-D sterior corneal topographic system: The AstraMax
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Maus M et al and Wang MX
Pentacam
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Swartz T, et al, and Wang MX
Precisio
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Gulani A, Wang MX.
The future of corneal Topography
In Wang MX ed: Corneal Topography in the Wavefront Era – a Guide for Clinical Application
SLACK, Inc, 2006

Boerman H, Swartz T and Wang MX.
Decentered ablations
In Agarwal A ed: Refractive Surgery Nightmares
SLACK, Inc. 2007

Swartz T and Wang MX.
Topographic and Wavefront aberrometry disasters
In Agarwal A ed: Refractive Surgery Nightmares
SLACK, Inc. 2007

Kieval J and Wang MX.
Nonectatic corneal probles causing irregular astigmatism
In Wang MX ed: Irregular Astigmatism – Diagnosis and Treatment
SLACK, Inc, 2007.

Swartz T, Wachlar BB Wang MX.
Intacs Implantation
In Wang MX ed: Irregular Astigmatism – Diagnosis and Treatment
SLACK, Inc, 2007.

Liu D and Wang MX et all
Irregular astigmatism: LaserSight Ellipsoid Model and
Topography-drivern Aspheric Treatment
In Wang MX ed: Irregular Astigmatism – Diagnosis and Treatment
SLACK, Inc, 2007.

Wang MX
Future direction: technological devlepment and treating the problem at its source
In Wang MX ed: Irregular Astigmatism – Diagnosis and Treatment
SLACK, Inc, 2007.

Wang MX and Swartz T
Premium IOL implantation – what to look in topography
In Change D eds: Mastering refractive IOLs – the art and science
SLACK Inc 2008.

Hill, S, Swartz S, Wang MX
Wang's LASIK Complications.
***LASIK & LASIK Complications,* Robert Pinelli, Editor. Jaypee Brothers Medical Publishers (P)**
LTD, New Dehli, 2008.

Swartz M, Wang MX and Gulani A;
Corneal topographers and wavefront aberrometers: complementary tools
Refractive surgery, 2nd edition, Agarwal A
Jaypee, 2008

Klyce S and Wang MX
Topographic diagnosis: indices and mapping criteria, corneal thickness progression,
In Wang ed Keratoconus and keratoectasia – prevention, diagnosis and treatment
SALCK 2009

Sztipanovits D, Swartz S and Wang MX
Posterior surface changes in keratoconus
In Wang ed Keratoconus and keratoectasia – prevention, diagnosis and treatment
SALCK 2009

Chen YL, Wang MX
Infra-red screening for keratoconus
In Wang ed Keratoconus and keratoectasia – prevention, diagnosis and treatment
SALCK 2009

Spadea L, et al, Wang MX
Future approaches to treatment of keratoconus
In Wang ed Keratoconus and keratoectasia – prevention, diagnosis and treatment
SALCK 2009

Marten L, Wang MX et al
Corneal surgery.
In Yanoff eds. Ophthalmology
2009

Marten L, Wang MX et al
Excimer laser treatment of corneal pathology
In Yanoff eds. Ophthalmology
2009

Marten L, Wang MX et al
Conjunctival surgery
In Yanoff eds. Ophthalmology
2009

Kugler L, Wang MX
Laser corneal intrastromal surgery
Cataract & Refractive Surgery Today,, 2010

Kugler L, Wang MX

Laser in Refractive Surgery: past, present and future
Optics
2010

Liu D, Chen S, Swartz T, et al and Wang MX
Astramax Comprehensive Diagnostic Workstation with Polar Grid Topography, in Wang ed, Corneal Topography in the Wavefront Era, 2nd edition, SLACK, 2011.
Swartz, T, et al and Wang MX
Topography – basic principles
In Wang MX eds, Corneal Topography in the Wavefront Era, 2nd edition
SLACK, 2011.

Kugler, L and Wang MX
Corneal topography: what will the upcoming decade bring?
Wang ed, Corneal Topography in the Wavefront Era, 2nd edition, SLACK, 2011.

Vida R and Wang MX
Corneal topography in refractive surgery
In Copeland and Afshari ed Cornea
2012

Vida R and Wang MX
Topographic complications
In Agarwal ed Cornea
2012

Swartz, S, Shahid M and Wang MX
Intraoperative wavefront technology for improved refractive targeting for refractive lens exchange – in Wang ed Refracitive lens exchange: a surgical treatment for presbyopia
SLACK, 2015.

Moore M and Wang MX
Future directions for refractive lens exchange for presbyopia in Wang ed Refracitive lens exchange: a surgical treatment for presbyopia
SLACK 2015.

Mahdavi S; Jiang L; Wang MX.
Marketing Surgical Treatment for Presbyopia, in Wang ed the 5th Wave – Surgical Treatment of Presbyopia
SLACK, 2018

Osuna, FL; Sabater, JB, Wang MX and Rausell AL.
Abordaje quirurgico de la hipermetropia: del pasado a la actualidad
Osuna et al ed, Cirugia De La Hipermetropia
Secoir, 2019

Wang MX and Rock N
The Future of Presbyopia Treatment
In Wang MX ed the 5th Wave – Surgical
Treatment of Presbyopia
SLACK, 2018

Swartz T, and Wang MX.
Ch 7: Branding Versus Call to Action
In Wang MX, editor; Mr. Shareef Mahdavi, Mr. Mike Malley and Dr. Tracy Swartz co-editors
Grow Your Eye Care Practice: High-Yield Pearls from the Marketing Experts
SLACK, Inc
2020

James Looper J, Swartz T, Wang MX,
Marketing laws
In Wang MX, editor; Mr. Shareef Mahdavi, Mr. Mike Malley and Dr. Tracy Swartz co-editors
Grow Your Eye Care Practice: High-Yield Pearls from the Marketing Experts
SLACK, Inc

2020

James Looper J, Swartz T, Wang MX,
Ethics and marketing
In Wang MX, editor; Mr. Shareef Mahdavi, Mr. Mike Malley and Dr. Tracy Swartz co-editors
Grow Your Eye Care Practice: High-Yield Pearls from the Marketing Experts
SLACK, Inc
2020

Frenkel J, Swartz T and Wang MX
Future Directions of Ophthalmic Marketing
In Wang MX, editor; Mr. Shareef Mahdavi, Mr. Mike Malley and Dr. Tracy Swartz co-editors
Grow Your Eye Care Practice: High-Yield Pearls from the Marketing Experts
SLACK, Inc
2020

Dancing with Eyes – the story of one of America's foremost laser physicists and eye surgeons
Bai He.

From Darkness to Sight – a journey from hardship to healing
Wang MX.

Common Ground Bible Study
Wang MX, Broocks R.

Seeing beyond – a Bible study guide for the film Sight
Wang MX, Broocks R.

ARTICLES PUBLISHED IN THE TENNESSAN:

Games will be a boon to trade with China
Aug 2008

This downturn should ring alarm
Oct 2008

Solving foreign trade imbalance is key to the U.S. economic woes
Nashville Business Journal
Nov 2008

Am effective measure to lesson our healthcare financial burden
Mature Lifestyles
Dec 2009

Social media sorely lack the element of dependability
Jan 2010

Treatment approval process drags on
Aug 2010

China holds lesson for U.S. health care
Oct 2010

A nation of immigrants respects other cultures
March, 2011

Nonprofit foundation gives poor the gift of sight
Dec 2011

Caring for poor has simple solution
Dec 2013

A "Year of the Horse" wish
Jan 2014

Alternative to Obamacare: Embedded charity care.
Dec 2014.

Why Asian Americans excel over others in education
Feb 2015

Giving Tennesseans "right to try" is right thing to do
March 2015

China's slowdown's effects on U.S. limited
Jan 2016

We can make America great again
April 2016

We can make America great again
April 2016

Immigrants key to economic success
Sept 2016

Look at views, the issues
Nov 2016

Tennessee's tax model could save the U.S. economy
June 2017

How to protect your eyes during historic solar eclipse
Aug 2017

Immigrants create jobs, contribute to society
Dec 2017

The true consequences of a tariff increase
Feb, 2018.

Bill Lee inspires hope in democratic society
Aug 2018

Virus bares need for common ground
April 2020

More testing will allow us to safely reopen nation
May 2020

A vision for finding common ground in a polarized world
Nashville Christian Family
June 2020

5 STEPS for people to find common ground
Sept, 2020

Move past 2020 election via our shared humanity
Nov, 2020

Speed up vaccinations, slow down new COVIDs
May 2021

Look past ourselves in critical race theory debate
July 2021

Virus isn't political: Let's listen to doctors
October 2021

HOBBIES:

Competitive ballroom dancing
- **Ranked 4th in World Pro-AM Ballroom Dance Championship in open**

international 10-dance, 2007;

- **Gold medal in novice international latin, 1997 United States National Ballroom Championship USABDA**

Ballet, Piano and music composition, Table tennis, Badminton, Sailing, Tennis
Calligraphy, Violin, Er-hu (Two Strings)
Writing, Classical literature

Summary of Doctoral Thesis

Ph.D. (Physical Chemistry)
Laser spectroscopy and collision dynamics
University of Maryland at College Park, MD, 1986

COLLISION REACTION DYNAMICS OF ASSOCIATIVE IONIZATION REACTIONS BETWEEN RESONANT EXCITED NA(3P) ATOMS

Associative ionization is a fundamentally important collision reaction which has served as a model system for studying quantum mechanics and reaction dynamics. It is an elementary two-body collision process where reactant atoms approach collision center by following quantum mechanically accessible energy surfaces. The complex collision dynamics, the mechanism of chemical bond formation and ejection of electrons, and product energy and angular momentum distributions have long challenged physicists since the collision process can be studied in the laboratory under appropriate conditions. We have carried out a systematic theoretical modeling and experimental study of the associative ionization process.

We devised a high vacuum collision chamber, highly collimated atomic beam sources and a state-of-the-art signal detection and analyzing system. These laboratory apparatuses were coupled with a high resolution laser system which includes solid, liquid and gas lasers. The lasers were used to induce resonant atomic excitation of reactant atoms and to modulate collision velocity and angular momentum.

A mathematical model has been developed to characterize the quantum mechanics, the vibrational and rotational angular momentum distributions, the characteristic collision energy distributions and the product internal state partitions. Direct measurement of the velocity dependence of the associative ionization process revealed peaked collision cross section at energy of 120 meV, a minimum at 180 meV and an uprising cross section above 180 meV. The collision partners favor sigma-sigma orbital orientation, and the reaction probability decreases in the following order: sigma-sigma, pi-pi and sigma-pi. The anisotropy in the spatial orientation of collision orbitals is also velocity dependent, with the reaction cross section increasing with collision velocity above thermal energies. We developed a semiclassical theory in which the collision dynamics are described in terms of transformation from a laboratory fixed coordinate to a molecular axis. A unique locking radius was found (25 A) within which the quantum axis was described within the framework of inter-atomic coordinates. We also probed the internal state distribution of the product Na_2^+. Through computer simulation of the collision dynamics, we discovered a characteristic internal rotational and vibrational energy distribution which opens a new channel of quantum mechanical calculation and experimental verification of reaction parameters. We developed a battery of experimental techniques which include Doppler detuning and collision velocity selection, single beam subthermal energy collision, collision spatial alignment and toggling, product spatial collimation and photofragmentation techniques. Intensive experimental study and theoretical modeling has led to the discovery of the principle reaction pathway of the fundamentally important collisional ionization reaction between resonantly excited alkali atoms.

Summary of M.D. Doctoral Thesis

M.D. (Magna cum laude)
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IN VIVO DNA-PROTEIN INTERACTIONS*:* A WHOLE GENOME APPROACH

Increasingly extensive collections of genomic DNA sequences and cloned modification enzymes open up new ways to view *in vivo* macromolecular assemblies. We have developed a new technique to study whole genome for protein recognition sites that are protected from *in vivo* DNA methylation. Assays for such sites exploit the ability of appropriate endonuclease to subsequently cleave purified genomic DNA only at the unmethylated sites. Three assays of these endonuclease sites include end-labeled fragment sizing, clone sequencing and filter hybridization. Application of these methods to the *Escherichia coli* genome has revealed specific patterns of partially methylated sites for GATC, CCGG, CCGG, GCGC, GANTC and TCGA specific methylases. For the GATC specific dam methylase, the end-labeled protected sites sum to 0.1% of the potential targets. The clone sequencing assay is particularly informative for *E. coli* since 37% of the genome sequence is available in computer databases. Sequences flanking protected GATCs found to match database entries all fell in non-coding regions of genes. These include the *gut, mtl, cdd, flh,* and *car* operons. These matches immediately suggest physiological and mutational tests of methylation protection models through the filter hybridization assay. Some undermethylated GATC sites overlap close matches to the cAMP-CRP consensus sequence. Protection of such a GATC site in the *gut* upstream region was reduced in a crp$^-$ strain. The protection of the GATC site upstream of *car* is sensitive to growth on pyrimidines, fitting well with the role of carAB products in pyrimidine biosynthesis. Further complete genome sequences will increase the utility and accuracy of these and other whole cell analyses by urging immediate identification of each unique observation with a specific computer molecular species.

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Head WS, Wang MX, et al. Role of inoculum morphology on pathogenesis of *C. albicans* in the rabbit cornea. ARVO, 1998.

Wang MX, et al. The effect of TUP1 deletion on pathogenicity of *C. albicans* in ther rabbit cornea. ARVO, 1999.

Wang MX. Amniotic membrane graft for ocular surface reconstruction.
Shanghai Ophthalmology Expo, May, 1999.

Wang MX. LASIK for post-PKP eyes.
Shanghai Ophthalmlology Expo, May, 1999.

Wang MX. LASIK complications and management.
Hua-Yin/Moria/VISX LASIK Conference
Shanghai, May, 1999.

Wang MX. LASIK complications and management.
Vanderbilt Annual Pearls Conference, June, 1999.

Wang MX, et al. The correlation of elevation and curvature corneal topography and with irregular astigmatism. International Society of Refractive Surgery, Orlando, Oct, 1999.

Wang MX. LASIK complications. American Academy of Ophthalmology Annual meeting, Orlando, Oct, 1999.

Wang MX. Amniotic membrane graft for severe chemical burns, International conference on amniotic membrane, Brazil, 2000.

Wang MX. Diabetic corneal changes and refractive surgery. American Academy of Ophthalmology annual meeting, 2000.

Wang MX. Refractive surgical complication and management, American Academy of Ophthalmology annual meeting, 2000.

Wang MX. A new immunosuppressive drug regiment for limbal stem cell graft. International conference on amniotic membrane and stem cells, Poland, 2000.

Wang MX. Clinical pitfalls in Orbscan topography. ASCRS, 2001.

Wang MX. AstraMax – a new generation stereo topography, ASCRS, 2001.

Wang MX. New refractive surgical technologies: a critical review. Vanderbilt Annual Pearl Conference, June, 2001.

Wang MX. Clues from topography. 4th Annual Refractive Surgery Conference, Vanderbilt Laser Sight Center, June, 2001.

Wang MX. Limitations of current topographers and the AstraMax solution. AAO, 2001.

Wang MX. Posterior corneal changes after refractive surgery as measured by Orbscan. AAO, 2001.

Wang MX. Surgical options for enhancement for corneas with posterior stroma at 250um. AAO, 2001.

Wang MX. Refractive complications. Vanderbilt Laser Sight Center CME course, 2001.

Ge Q, Fuchs H, Wang MX. A new triple-drug regimen for systemic immunosuppression for corneal limbal stem cell allograft, ARVO 2002.

Shaver J, Shen J-H, Wang MX. A model of in vivo corneal haze meter using ASL-1000 confocal microscope, ARVO 2002.

Tran U, Yang H-M, Kegan O, Wang MX. Preoperative predictive factors influencing the clinical outcome of post-PKP LASIK. ARVO 2002.

Rathod R, Shen, D and Wang MX. Hyperopic shift after central 6mm PTK. ARVO 2002.

Chan J, Tseng L, Cohen I, Wang MX. Effect of non-corneal astigmatism on LASIK. ASCRS 2002.

Rathod R, Cohen I, Wang MX. Effect of posterior corneal changes after LASIK. ASCRS 2002.

Wang MX. AstroMax corneal topography system. ASCRS 2002.

Wang MX. AstraMax advantage: enhancing ability to identify causes of visual problems after LASIK, AAO, 2002.

Wang MX, Swartz T, Melanson S. Comparative study of AstraMax, Orbscan II and Humphrey Atlas corneal topographic systems, ASCRS, 2003.

Wang MX, Swartz T. A logical and sequential approach to Custom-CAP. ASCRS, 2003.

Wang MX. Intralase flap making for corneas with prior surgeries (PKP, RK, LTK) and corneal scars.
ASCRS, 2003.

Wang MX. Clinical significance of posterior corneal changes after LASIK.
ASCRS, 2003.

Jansen ED, Brophy SP, Klein S, Norris P, Wang MX. A problem-based, introductory course in biomedical optics in the Freshman year. Proceedings of the 2003 American Society for Engineering Education Annual Conference and Exposition, 2003.

Wang MX. Techniques for lifting intralase flaps after RK.
AAO, 2003.

Wang MX. From corneal topography to wavefront.
AAO, 2003.

Abdelmalak H, Swartz T, and Wang MX.
Femtosecond laser flaps
American Academy of Optometry, 2003;

Abdelmalak H, Swartz T, Coward D, and Wang MX.
Intralase Intacs for keratoconus
American Academy of Optometry, 2004;

Yu KM, Swartz T and Wang MX. Factors influencing myopic induction and high order aberration after conductive keratoplasty
ARVO 2004

Wang MX. The first combined case of intralase corneal pocket creation for artificial cornea.
ASCRS, 2004.

Wang MX. Treatment of deep stromal corneal opacity with intrastromal PTK after intralase flap
ASCRS, 2004.

Wang MX. Corneal topography and wavefront
ASCRS, 2004.

Wang MX, Abdelmalak H, and Swartz T. Topographic and keratometric predictor of visual function in decentered refractive treatment and in FFKC.
ASCRS, 2004.

Wang MX, Haddad W and Swartz T. Correlation of DLK in OCP patients.
ASCRS, 2004.

Haddad W and Wang MX, et al. Corneal crystals with Zymar use.
ASCRS, 2004.

Abdelmalak, H, Swartz, T, Wang, MX. Intacs/femtosecond laser surgery: A New Option for Keratoconus American Academy of Optometry in Tampa, FL, December 2004

Abdelmalak, H, Swartz, T, Wang, MX. Laser-Intacs Surgery for GP Intolerant Keratoconus
Multimedia Poster presented at SECO International, Atlanta, GA, February 2005

Abdelmalak, H, Swartz, T, Coward D, Wang, MX. Artificial Cornea Implantation: Alternative for Poor Prognosis Penetrating Keratoplasty. Multimedia Poster presented at SECO International, Atlanta, GA, February 2005

Swartz, T, Abdelmalak, H, Wang MX. "Pseudoectasia" in a Post-Refractive Patient
Multimedia Poster presented at SECO International, Atlanta, GA, February 2005.

Wang MX, Yu K, Swartz T. Comparison of rate of image capture using WavePrint and Tracey wavefront system. ASCRS 2005.

Yu K, Swartz T, Wang MX. High order aberration attritable anterior corneal surface and intraocular component in myopic, keratoconic and cataractous patients. ARVO, 2005.

Wang MX. Irregular astigmatism.
ESCRS, Sept 2005;

Wang MX: Femtosecond laser intacs for keratoconus
AAO, 2005;

Wang MX: the impact to comanagement with femtosecond laser intacs for keratoconus
AAO, 2005;

Wang MX: Internal optical aberration in normal, keratoconus and cataractous eyes
AAO, 2005;

Wang MX: Femtosecond laser artificial cornea implantation
AAO, 2005;

Wang MX: Femtosecond laser Intacs rings for post-LASIK ecstatic eyes;
AAO, 2005;

Wang MX: Femtosecond laser Intacs rings for keratoonus graft;
AAO, 2005;

Hill S, Boerman H, Swartz T, and Wang MX.
Relift versus recut
American Academy of Optometry, 2005;

Panchal L, Boerman H, Swartz T, and Wang MX.
Intralase Intacs for keratoconus
American Academy of Optometry, 2005.

Chen YL et al and Wang MX. Appearance of keratoconus eyes: Computation, Journal of Vision, Volume 5, Number 12, Abstract 47, Page 47a, 2005;

Wang MX, et al "Refraction comparison between WavePrint, Tracey, autorefraction and automated refractor"
ASCRS 06.

Wang MX. Irregular astigmatism: classification, diagnosis and treatment;
ASCRS 06;

Wang MX. A logical and sequential approach to the treatment of irregular astigmatism
Nodic Ophthalmology Congress, June 06;

Wang MX: C-CAP treatment for decentered ablation.
Nodic Ophthalmology Congress, June 06;

Wang MX. Irregular astigmatism: classification, diagnosis and treatment;
Nodic Ophthalmology Congress, June 06;

Chen YL, et al, Wang MX. Digital Eye Bank, Invest Ophthalmol Vis Sci 2006;47: E-Abstract 1188, 2006;

Tan B, Chen YL, and Wang MX. Visualization Of Ophthalmic Measurement Using Computer Eye Modeling, Invest Ophthalmol Vis Sci 2006;47: E-Abstract 1169;

Baker K, Chen YL, and Wang MX. Keratoconus Screening Instrumentation Invest Ophthal Vis Sci 2006;47: E-Abstract 4050

Tan B, Chen YL, Lewis JWL, Shi L, Wang MX. Simulations of keratoconus patient vision with optical eye modeling. 74th American Physics Society (APS) Annual Meeting of the Southeastern, Nov 2007, Nashville

Shi L, Chen YL, Baker K, Lewis JWL, Tan B and Wang MX. Zernike interpretation in ocular photorefraction images, 75th SESAPS Annual Meeting, Nov 2007, Nashvillle

Jim W, Lewis L, Tan B, Chen YL and Wang MX. Ophthalmic simulation for medical training. 2007 American Telemedicine Association Annual Conference.

Jim W, Lewis, Shi L, Chen YL, Wang MX. Development automatic analysis of mobile ocular screening. 2007 American Telemedicine Association Annual Conference.

Agarwal A, et al Wang MX. Flap wars, ESCRS, 2007.

Wang MX, Marten L, Panchal, L, Swartz, T. Intacs for keratoectasia in post-LASIK, post-RK and post-PKP eyes.
ASCRS, 2007;

Wang MX, Marten L, Panchal, L, Swartz, T. Single versus double Intacs segment for treating keratoconus.
ASCRS, 2007;

Lewis JWL, Chen YL, Baker K, and Wang MX.
Detection of high-order aberrations in photorefraction
ARVO, May 2007.

Boerman H, Swartz T, Hill S, Wang MX. Intacs/Femtosecond Laser Surgery Combined with Conductive Keratoplasty: An Alternative to Penetrating Keratoplasty for Severe Keratoconus. American Academy of Optometry, Tampa, FL, Oct 2007.

Hill S, Boerman H, Swartz T, Wang MX. Intacs/Femtosecond laser surgery combined with conductive keratoplasty for severe keratoconus.
Global Keratoconus Congress, Las Vegas, Jan 2008

Hill S, Boerman H, Swartz T, Wang MX. Corneal Imaging Technologies Involved in Forme Fruste Keratoconus Criteria
Global Keratoconus Congress, Las Vegas, Jan 2008

Wang MX. Three-point touch.
ASCRS, 2008

Wang MX. Corneal melt of incisions overlying Intacs
ASCRS, 2008

Wang MX. Melt of corneal tissue overlying RK incisions.
World Ophthalmology Congress, Hong Kong, 2008.

Wang MX. Double Intacs segment is better than single in treating KC.
World Ophthalmology Congress, Hong Kong, 2008.

Swartz T, Hill S, Boerman H and Wang MX. Management of angle closure glaucoma following Visian lens implantation. AAO, Anaheim, CA, Oct 2008.

Swartz T, Boerman H, Hills S and Wang MX. Ocular response analysis retuls following unsatisfactory LASIK. AAO, Anaheim, CA, Oct 2008.

Wang MX. Mascuquates of FFKC. ASCRS 2009.

Wang MX. Three-point touch in detecting FFKC. ASCRS 2009.

Kugler L. Boerman H, Swartz S, Sztipanovits L and Wang MX. Corneal melt in incisions overlying Intacs segment. ASCRS 2010.

Wang MX, Kugler L. Boerman H, Swartz S, and Sztipanovits L. Non-lens non-refraction factors contributing to poor performance of premium IOLs – the concept of spatial precision. ASCRS 2010.

Wang MX. FFKC criteria 2010.

Wang MX. Topographic pearls in identifying FFKC. ASCRS 2010.

Chen YL, Tan B, Shi L, Lewis J, Wang MX and Baker K. The shape of aging lens. ARVO 2010.

Chen YL, Lei S, Lewis JWL, Wang MX and Vida R.
Customized eye modeling using clinical pentacam and wavescan data. OSA 2011 Life Science.

Lewis JW, Shi L, Hartmann, EE, Naser N, Chen YL and Wang MX.
Pilot Study of an Automatic Assessment of Ocular Alignment ARVO 2011

Shi L, Lewis JW, Hartmann, EE, Naser N, Chen YL and Wang MX,
Pilot Study of a Dynamic Binocular Photoscreening Device. ARVO 2011

Chen YL, Shi L, Lewis JW, Wang MX, Vida R.,
Keratoconus Eye Modeling, ARVO 2011

Wang MX
Laser refractive and refractive lens surgery – the state of the art
Shanghai Aier Eye Hospital Conference, June 2011.

Wang MX
Presbyopia correction using spatial spacing procedure
Shanghai Aier Eye Hospital Conference, June 2011.

Wang MX
Phaco float – an ideal technique for moderate cataract for premium lens implantation
Shanghai Aier Eye Hospital Conference, June 2011.

Wang MX
Corneal melt in incisions over Intacs
AAO/Addition Technology conference
October, 2011

Chen, Ying-Ling; Shi, L; Lewis, J W L; Wang, MX.. Normal and diseased personal eye modeling using age-appropriate lens parameters, Optics Express, Vol. 20 Issue 11, pp.12498-12507 (2012)

Ying-Ling Chen, Lei Shi, J W L. Lewis, *Wang MX*, Simulation of fundus image measurements – one step toward virtual clinical trial, Invest Ophthalmol Vis Sci 2012;53: E-Abstract 5683.

Lei Shi, E E. Hartmann, Naser T. Naser, J W L. Lewis, Ying-Ling Chen, Wang MX**. Intraocular Scattering in Double-Pass Retinal Reflex, Invest Ophthalmol Vis Sci 2012;53: E-Abstract 3052.**

Ying-Ling Chen, Lei Shi, J W L. Lewis, Wang, MX, and Ryan Vida, Keratoconus Eye Modeling, Invest Ophthalmol Vis Sci 2011;52: E-Abstract 2811.

J W L. Lewis, Lei Shi, E E. Hartmann, Naser T. Naser, Ying-Ling Chen, and Wang MX, Pilot Study of an Automatic Assessment of Ocular Alignment, Invest Ophthalmol Vis Sci 2011;52: E-Abstract 2513.

Lei Shi, E E. Hartmann, Naser T. Naser, J W L. Lewis, Ying-Ling Chen, and Wang MX, Pilot Study of a Dynamic Binocular Photoscreening Device , Invest Ophthalmol Vis Sci 2011;52: E-Abstract 2516.

K. C. Baker, Y.-L. Chen, L. Shi, J. W. L. Lewis, L. Kugler, and Wang MX, Does the Posterior Corneal Elevation Provide the First Indication of Keratoconus, Invest. Ophthalmol. Vis. Sci. 2010 51: E-Abstract 4963.

Y.-L. Chen, B. Tan, L. Shi, J. Lewis, Wang MX, and K. Baker, The Shape of Aging Lens, Invest. Ophthalmol. Vis. Sci. 2010 51: E-Abstract 4593.

Y.-L. Chen, Lei Shi, J W L. Lewis, Wang MX, Predictive ophthalmic simulation and applications, UT Comparative & Experimental Medicine & Public Health Research Symposium 2010

Lei Shi, Y-L Chen, J W L. Lewis, Wang MX, Design of an automatic cover-uncover test for diagnosing strabismus, UT Comparative & Experimental Medicine & Public Health Research Symposium 2010

Y.-L. Chen, L. Shi, B. Tan, J. W. L. Lewis, and Wang MX, Astigmatism in Dynamic Infrared Photorefraction (DIP), Invest. Ophthalmol. Vis. Sci. 2009 50: E-Abstract 1580. , http://abstracts.iovs.org/cgi/content/abstract/50/5/1580

L. Shi, B. Tan, Y.-L. Chen, J. W. L. Lewis, and Wang MX, Tear Film Breakup in Dynamic Infrared Photorefraction (DIP), Invest. Ophthalmol. Vis. Sci. 2009 50: E-Abstract 1581. ,

B. Tan, L. Shi, Y.-L. Chen, J. W. L. Lewis, and Wang MX, Spherical Aberration in the Enhancement of Presbyopia Vision, Invest. Ophthalmol. Vis. Sci. 2009 50: E-Abstract 1122. , http://abstracts.iovs.org/cgi/content/abstract/50/5/1122

Wang MX
Corneal topography and FFKC detection
ASCRS, 2012

Wang, MX, Celmer M and Blemker M
Two-year results of scleral implantation for treatment of presbyopia
ASCRS, 2013

Wang MX, et al
Comparison of intraoperative refraction measured by ORA wavefront aberrometer and postoperative refraction after cataract surgery
ASCRS, 2013

Celmer, M, Wang MX
Comparison of Tecnis multifocal IOL with Crystalens accommodating IOL in patients with prior myopic LASIK
ASCRS, 2013

Yang R, Wang MX
Comparison of formulas for IOL calculation in eyes with prior myopic LASIK
ASCRS, 2013

Shi Lei, Wang MX, Chen YL
Clinical testing of a new objective binocular refraction device
ARVO, 2013

Chen YL, Wang MX
Pilot testing of a multi-functional device for pediatric vision screening application
ARVO, 2013

Rahman M, Yeh A, Yang R, Hord N, Brown B, Waymire A and Wang MX.
Comparison of postoperative refraction with intraoperative refraction measured by ORA for cataract surgery
ARVO, 2013

Wang MX, et al.
2-year result of scleral spacing procedure for the treatment of presbyopia: US. FDA clinical trial, Phase III
World Ophthalmology Congress, Tokyo, 2014

Wang MX, et al
Comparison of intraoperative refraction measured by ORA and postop refraction.
World Ophthalmology Congress, Tokyo, 2014

Wang MX, et al.
2-year result of scleral spacing procedure for the treatment of presbyopia: US. FDA clinical trial, Phase III
ASCRS, 2014

Wang MX, et al
Comparison of intraoperative refraction measured by ORA and postop refraction.
ASCRS, 2014

Wang MX, Rock N and Blemker M.
Scleral Spacing procedure for the treatment of presbyopia – US FDA Phase III result 3-year result
ASCRS

San Diego, 2015

Wang MX et all
Spatial precision and tolerance model – semi-quantitative analysis of the etiology of poor performance of presbyopic intraocular lenses
ASCRS 2016

Wang MX et all
Comparison of accuracy and precision of topographies using standard spheres and cylinders
ASCRS 2017

Wang MX, et al
A study of the effect of capsular tension ring on the refractive predictability of accommodating intraocular lenses
ASCRS, 2018

Wang MX, et all
Advances in corneal topography for refractive and refractive lens surgeons
IRSS, Shanghai, May 2018

Wang MX at al
Corneal topography for refractive cornea and refractive lens surgeons
ASCRS 2019

Wang MX at al
Corneal topography for refractive cornea and refractive lens surgeons
China AAO, 2019

Wang MX at al
Advances in surgical treatment of presbyopia
China AAO, 2019

Wang MX at al
Pearls of building the leading elective anterior segment practices in the U.S..
China AAO, 2019

AS AN INVITED SPEAKER

Collisional-ionization reactions between homonuclear Na^* + Na, Li^* + Li and heteronuclear Na^* + Li, Li^* + Na collisions.
Department of Chemistry
University of Maryland at College Park
College Park, MD, 20742
1983

A Novel Design of Crossed-Beam Atomic Collision Experiment to Study the Velocity Dependence of Associative Ionization Reaction.
University of Maryland at College Park
College Park, MD, 20742
1984.

Collision Reaction Dynamics of the Associative Ionization Reaction between Resonantly Excited Na(3p) Atoms.
Department of Chemistry
University of Maryland at College Park
College Park, MD, 20742
1987.

Thermodynamic and Kinetic Studies of the Heterogeneous Hybridization Reactions in the Multiplex DNA Sequencing.
Department of Genetics
Harvard Medical School
Boston, MA, 02115
1988.

A Method for Screening Genomes to Identify and Characterize DNA Sequences Involved in Strong DNA-Protein Interactions.
Annual Research Forum of Harvard Medical School - M.I.T.
Division of Health Science and Technology
Massachusetts Institute of Technology
Cambridge, MA
1991.

In vivo DNA-protein interaction: A whole-genome approach.
Department of Biochemistry and Molecular Biology
Thomas Jefferson University, Philadelphia, PA, 19107
1992.

In vivo DNA-protein interaction: A whole-genome approach.
Department of ophthalmology
Children Hospital of Los Angeles, Los Angeles, CA,
1992.

A whole genome approach to in vivo DNA-protein interaction.
Ludwig Institute for Cancer Research
San Diego Branch, University of California, San Diego
1992.

In vivo DNA-protein interactions.
Department of Biological Sciences
Columbia University, New York
1993.

In vivo DNA-protein interaction: A whole genome approach.
Department of Bioscience and Biotechnology
Drexel University, Philadelphia, PA,
1993.

Genetics of retinoblastoma.
Wills Eye Hospital
Philadelphia, PA, 1994.

Equivalent Gene Carrier - a genetic analysis model.
Ophthalmic Genetics Study Club
American Academy of Ophthalmology
San Francisco, LA, 1994.

Genetics in Ophthalmology
Lecture presented at the Annual Wills Eye Conference
Adam Mark Hotel, Philadelphia, PA, 1995.

Parental source of the retinoblastoma gene.
Ophthalmic Genetics Study Club.
American Academy of Ophthalmology., Atlanta, GA, 1995.

Molecular genetic basis of ophthalmic diseases
Annual Meeting for the American Academy of Ophthalmology. Chicago, IL, 1996.

Corneal haze is reduced by amniotic membrane matrix in excimer laser photoablation in rabbits.
Bascom Palmer Eye Institute, Miami, FL, 1997.

A genomic approach to in vivo DNA-protein interaction.
Department of Molecular Biology
Vanderbilt University School of Medicine
Nashville, TN, 1997.

A panel screen for Betaig-H3 and K3/K12 mutations in Meesmann, anterior basement membrane disease and anterior stromal corneal dystrophies.
Ophthalmic Genetics Study Club
AAO, New Orleans, 1998.

Molecular biology of hereditary ocular diseases.
AAO, New Orleans, 1998.

TUP1 regulated hyphael growth in C. albicans.
Department of Microbiology
Vanderbilt University School of Medicine
Nashville, TN, 1998.

Mutational analysis for Bigh3 gene for corneal dystrophies
Skin Disease Research Center
Vanderbilt University School of Medicine
Nashville, TN, 1999.

"Modern refractive laser systems of the 21st century"
Invited speaker, Conference on Refractive Surgery
Mayo Clinic, Jacksonville, FL
Sept, 1999.

"LASIK complications and management"
Invited speaker, Conference on Refractive Surgery
Mayo Clinic, Jacksonville, FL
Sept, 1999.

The 1st Internatinal Conference on Amniotic Membrane
Invited speaker, "Amniotic membrane graft for severe chemical burn"
Brazil, 2000.

"A new drug regiment for systemic immunosuppression for limbal stem cell graft"
International conference on amniotic membrane graft and stem cells
Session moderator and invited speaker, Poland, 2000.

"Amniotic membrane contact lens"
Vanderbilt Chancellor Fund
Vanderbilt University School of Medicine
Nashville, TN, March, 2001.

"Amniotic membrane graft"

Invited speaker, Wake Forest Annual Eye Conference
May, 2001.

"New anterior segment reconstructive surgeries:
Invited speaker, National Medical Association Annual Conference
Opryland, Nashville, Aug, 2001.

"New surgical techniques for anterior segment reconstruction"
Invited speaker, University of North Carolina at Chapel Hill
October, 2001.

"Amniotic membrane contact lens"
Department of Ophthalmology and Visual Sciences
Vanderbilt University School of Medicine
November, 2001.

"Topographic pitfalls in refractive surgery"
Invited speaker, Wake Forest University Annual Eye Meeting, 2001.

"Modern refractive laser systems"
Invited speaker, Wake Forest University Annual Eye Meeting, May, 2001.

"Limits of current topographies", ASCRS, April, 2001.

"New reconstructive eye surgeries using amniotic membrane and stem cell grafts"
Wake Forest University Annual Eye Meeting, invited speaker, May, 2001.

"New refractive surgical techniques: a critical review", Kentuky Annual Eye Meeting, invited speaker, June, 2001.

"Limits and clinical problems of current topography systems", invited speaker, ISRS, Orlando, July, 2001.

"Cornea 2001 – a vision odyssey", National Medical Association Ophthalmology Annual meeting, invited speaker, Aug, 2001.

"Topographic pitfalls in refractive surgery", National Medical Association Ophthalmology Annual meeting, invited speaker, Aug, 2001.

"New surgical techniques for anterior segment reconstruction"
Invited speaker, University of North Carolina at Chapel Hill
October, 2001.

"Limitations of current topographers and the AstraMax solution"
Catch the Wave 2, International Society of Refractive Surgery Annual meeting, Nov 2001.

"Biological Planck's Constant – fundamental limitations to wavefront treatment technologies", invited speaker, Bascom Palmer Eye Institute 40th Anniversary Scientific Meeting, Miami, 2002.

"Clinical significance of posterior corneal changes after LASIK", Ocular Therapeutics Annual Conference, CA, 2002.

"FDA clinical trial status of ICL"
Annual Refractive Surgery Conference
Department of Ophthalmology and Visual Sciences
Vanderbilt University
June, 2002.

"Ablation depth analysis of AstraPro custom cornea-based treatment", Annual Conference of Refractive Surgery, The Netherlands, Feb, 2003.

"Amniotic contact lens: a progress report"
Invited speaker, University of Michigan Winter Cornea conference
January, 2004

"Corneal topography and wavefront: complementary tools"
Invited speaker, University of Michigan Winter Cornea conference
January, 2004

"Tracey Ray-Tracing: a new generation wavefront system"
Invited speaker, Annual meeting of China Academy of Ophthalmology
Sept, 2004.

"Corneal topography-drive custom ablation"
Invited speaker, Annual meeting of China Academy of Ophthalmology
Sept, 2004.

"Wavefront and corneal topography: custom ablation system with combined considerations"
Invited speaker, Ai-er Eye Hospital
Changsha, PRC, Sept 2004.

"Posterior changes after LASIK"
Invited speaker, University of Michigan Winter Cornea Conference
January, 2004.

"Update on refractive surgery".
Talk presented to University of Tennessee ophthalmology resident, Dec, 2004.

"Current techniques in refractive surgery"
University of Tennessee, Department of Ophthalmology, June, 2005;

"Topogrpahy – Recent advances", Aspen Invitational, March 2006;

"Corneal topography – the stat of the art", Hawaii Eye Meeting, Jan 2007;

"Recent advances in corneal topography". NY Refractive Surgery Club, Feb, 2007;

"Amniotic membrane contact lens". Aspen Invitational meeting, March 2007;

"Refractive Surgery in China". Aspen Invitational meeting, March 2007;

"Corneal topography – a comprehensive review", Saudi Arabia annual ophthalmology meeting, May, 2007.

"My nomogram", Subspecialty Day – Refractive Surgery
AAO, 2007

"Is there a fundamental limit of efficacy when correcting aberrations arising from one axial point (lens), at another (cornea)", Aspen Invitational Meeting, March 2008.

"Laser vision correction: the state of the art"
World Ophthalmology Congress, Hong Kong, 2008.

"The important role of corneal topography is wavefront treatments"
World Ophthalmology Congress, Hong Kong, 2008.

"Refractive surgery pearls"
Visiting professor, University of Florida, Jan 2010.

Corneal factors responsible for performance of premium IOLs.
Invited speaker, Italian Ophthalmological Society Annual Meeting/OSN, Rome, Italy, May 2010.

Pseudo FFKC.
Invited speaker, Italian Ophthalmological Society Annual Meeting/OSN, Rome, Italy, May 2010.

When it is not the IOL
Invited speaker, APAO, Beijing 2010

Scleral spacing procedure – US FDA clinical trial Phase III result
Invited speaker, APAO, Beijing 2010

Asphericity – hype or truth
Invited speaker, APAO, Beijing 2010

Topography and corneal imaging – state-of-the-art
Invited speaker, APAO, Beijing 2010

Pseudo FFKC

Invited speaker, APAO, Beijing 2010

Corneal irregular astigmatism after hyperopia LASIK
AAO Subspecialty Day – Refractive Surgery
October, 2011

Spatial precision analysis – establishing a clinical guideline for implanting multifocal IOL in post-LASIK patient
AAO/AMO conference
October, 2011

Phaco-free all-laser cataract surgery using femtosecond laser
Italian Ophthalmology meeting, 2012

Spatial precision scale analysis – identifying causes of visual problem in eyes implanted with presbyopia-correcting lenses
Italian Ophthalmology meeting, 2012

Scleral spacing procedure to treat presbyopia – U.S. FDA clinical trial phase III 18-month result
Italian Ophthalmology meeting, 2012

Identifying etiologies for visual problems after premium IOL implantation
Invited speaker
Washington Academy of Eye Physicians and Surgeons
Seattle, Washington, 2012

Corneal topography – the state-of-the-art
Invited speaker
Washington Academy of Eye Physicians and Surgeons
Seattle, Washington, 2012

Pseudo-FFKC
Invited speaker
Washington Academy of Eye Physicians and Surgeons
Seattle, Washington, 2012

Corneal topography – the state-of-the-art
International Ophthalmology Conference
Shanghai Aier Eye Hospital
Shanghai, China, 2012

Laser cataract surgery
Annual Ophthalmology Conference
Tianjin Medical University Eye Hospital
Tianjin, China, 2012

Corneal topography in the 21st century
Annual Ophthalmology Conference
Tianjin Medical University Eye Hospital
Tianjin, China, 2012

Anterior segment imaging techniques
Invited talk, World Ophthalmology Congress
Tokyo, 2014

Clinical pearls of using Cassini
Invited talk, iOptics meeting
At American Academy of Ophthalmology Annual meeting
Chicago, 2014.

Corneal topography for refractive surgery and for refractive lens surgery
Advanced Cornea Conference
Ft. Lauderdale, 2015

Comparison of efficacy in treating corneal versus non-anterior cornea astigmatism
Advanced Cornea Conference
Ft. Lauderdale, 2015

Recurrent pterygium

Advanced Cornea Conference
Ft. Lauderdale, 2015

Scleral Spacing procedure for the treatment of presbyopia – US FDA Phase III result
Advanced Cornea Conference
Ft. Lauderdale, 2015

Comparison of Kamra and Raindrop corneal inlays
Aier National Conference
2017

Advances in corneal topography for refractive and refractive lens surgeons
IRSS, Shanghai, May 2018

Pearls of building a #1 practice in the U.S.
2019 China's national eye meeting
Sept 2019

Presbyopia treatment at Aier-USA
2019 China's national eye meeting
Sept 2019

AS THE PRINICIPLE OR CO-INSTRUCTOR FOR COURSES

Refractive Club
Principal organizer
ASCRS 1997

The 1st Annual LASIK Training Course
Course organizer and principle instructor
Vanderbilt University, June, 1998.

Refractive Club
Principal organizer
ASCRS 1998

The 2nd Annual LASIK Training Course
Course organizer and principle instructor
Vanderbilt University, June, 1999.

The 1st Annual VISX Excimer Laser Certification Course
Principle instructor
Vanderbilt University, June, 1999.

The 1st LASIK training course
Principle instructor
Shanghai, 1999.

Refractive Club
Principal organizer
ASCRS 1999

The 1st LASIK Certification Course
Taiwan Academy of Ophthalmology
Principle instructor
Taipei, Taiwan, August, 1999.

Diabetic corneal diseases
American Academy of Ophthalmology Annual meeting, Oct, 1999.

The 3rd annual refractive training course
Course organizer and principle instructor
Vanderbilt University, 2000.

The 2nd LASIK course
Taiwan Academy of Ophthalmology
Principle instructor
Taipei, Taiwan, 2000.

The 1st Advance LASIK course
Taiwan Academy of Ophthalmology
Principle Instructor
Taichung, Taiwan, 2000.

Refractive Club
Principal organizer
ASCRS 2000

LASIK video grand round
Co-instructor
American Academy of Ophthalmology Annual meeting, Oct, 2000.

Corneal disorders in diabetic patients
Co-instructor
American Academy of Ophthalmology Annual meeting, Oct, 2000.

Orbscan
Co-instructor
ASCRS, April, 2001.

The 4th Annual Rfractive Conference of Vanderbilt Laser Sight Center
Course organizer and principle instructor
Vanderbilt University, June, 2001.

Refractive Club
Principal organizer
ASCRS 2001

LASIK video grand round
Co-instructor
American Academy of Ophthalmology Annual meeting, Nov, 2001.

Orbscan course
Co-instructor
American Academy of Ophthalmology Annual meeting, Nov, 2001.

Corneal disorders in diabetic patients
Co-instructor
American Academy of Ophthalmology Annual meeting, Nov, 2001.

Refractive complications
Course director
Vanderbilt Laser Sight Center CME course, Dec 2001.

Refractive Eyecare of 21st Century
The first annual refractive surgery conference of Wang Vision Institute
Principal instructor
Nov, 2002.

Refractive Club
Principal organizer
ASCRS 2002

Advanced corneal topography course for refractive surgeons
Principal instructor
ASCRS 2003.

Intralase corneal surgery
Refractive surgery conference of Wang Vision Institute
May 2003

Refractive Club
Principal organizer
ASCRS 2003

Refractive Club
Principal organizer
ASCRS 2003

Advanced corneal topography course for refractive surgeons
Principal instructor
AAO 2003.

Intralase flap making in post-RK eyes
Intralase
AAO 2003

Corneal topography and wavefront: a transition
Co-instructor (PI: Arun Gulani)
AAO 2003

LASIK complication video grand round
Co-instructor (PI: Ralph Chu)

ASCRS 2003

Advanced corneal topography course for refractive surgeons
Principal instructor
AAO 2003.

Intralase flap making in post-RK eyes
Intralase
AAO 2003

Corneal topography and wavefront: a transition
Co-instructor (PI: Arun Gulani)
AAO 2003

LASIK complication video grand round
Co-instructor (PI: Ralph Chu)

New refractive surgery technologies
Hangzhou 1st Affiliated Hospital
Dec, 2003;

Update on refractive surgery technologies
Jianghua, Dec, 2003;

New refractive surgery and corneal surgery technologies
Zhongshan Eye Hospital, Guangzhou
Dec, 2003;

New refractive surgery technologies
Wuhan Ai-good Eye Hospital
Dec, 2003;

Custom wavefront technology and amniotic contact lens
Shanghai eye, ear, nose and throat hospital
Dec, 2003;

Surgical options for presbyopia
Nan-ning Eye Hospital
Dec, 2003;

From corneal topography and wavefront
Co-instructor (PI: Arun Gulani)
ASCRS 2004

Refractive Club
Principal organizer
ASCRS 2004

The first combined case of intralase with alphacor
LASIK complication video grand round
Co-instructor (PI: Ralph Chu)
ASCRS 2004

From corneal topography and wavefront
Co-instructor (PI: Arun Gulani)
ASCRS 2004

The first combined case of intralase with alphacor
LASIK complication video grand round
Co-instructor (PI: Ralph Chu)
ASCRS 2004

LaserSight custom cornea ablation system
Co-instructor: Alex Stonojavich
Annual meeting of China Academy of Ophthalmology
Sept, 2004.

Custom wavefront technologies
China National Ophthalmological Annual Conference
Sept, 2004;

New trend in refractive surgery
Changsha Ai-er Eye Hospital
Sept, 2004;

Advanced corneal topography course for refractive surgeons
Principal instructor
AAO 2004.

Intralase-assistedn Intacs for keratoconus
Intralase
AAO 2004

LASIK complication video grand round
Co-instructor (PI: Ralph Chu)
AAO, 2004

Femtosecond laser – assisted Intacs intracorneal ring treatment for keratoconus
LASIK complication video grand round
Co-instructor (PI: Ralph Chu)
AAO 2004

Advanced corneal topography course for refractive surgeons
Principal instructor
ASCRS 2005.

Refractive Club
Principal organizer
ASCRS 2005

Video grand round
ASCRS 2005

China's first symposium on femtosecond laser
Course organizer and principle instructor
Shanghai Aier Eye Hospital,
August, 2005

China's first ICL training course
Guangzhou,
Sept, 2005;

Femtosecond laser technologies
Guangzhou Zhong Hospital
August, 2005;

Femtosecond laser
Ton-reng Eye Hospital, Beijing
August, 2005;

Femtosecond laser technologies
Tiangjing Eye Hospital
August 2005;

New refractive surgery technologies
Guangzhou Zhongshan Eye Hospital
Sept, 2005;

Femtosecond laser technologies
Yangguang Eye Hospitals
Shangzhen, China
August, 2005;

New refractive technologies

Changsha Wangwang Hospital
August, 2005;

Femtosecond laser
Zhuhai Eye Hospital
August, 2005;

LASIK video grant round
Co-instructor (PI: Ralph Chu)
AAO, 2005

Advance corneal topography course for refractive surgeons
Principle instructor
AAO, 2005.

Wang MX: Advanced corneal topography for refractive surgeons
ASCRS 06

Refractive Club
Principal organizer
ASCRS 2006

Wang MX, as co-instructor: "Video Grand Round"
ASCRS 06

Wang MX, as co-instructor: "Nightmare cases"
ASCRS 06

Wang MX, as co-instructor: "Management of irregular astigmatism"
ASCRS 06

Wang MX, principal instructor: "New technologies in corneal topography"
Shanghai Aier Eye Hospital
April 06

Wang MX, principal instructor: "Femtosecond laser – LASIK and beyond"
Shanghai Aier Eye Hospital
April 06

Wang MX, principal instructor: "New technologies in treating LASIK complications"
Shanghai Aier Eye Hospital
April 06

Wang MX, principal instructor: "Differentiate or die"
Shanghai Aier Eye Hospital
April 06

Wang MX, co-instructor: "New technologies in treating complex eyes"
Nodic Ophthalmology Congress (Principle instructor: Aleks Stonjavich);
June 06

Wang MX, co-instructor: "New refractive surgery technologies"
Nodic Ophthalmology Congress (Principle instructor: Aleks Stonjavich);
June 06

Wang MX, principal instructor: "Advanced corneal topography for refractive surgeons"
ASCRS, April 2007.

Refractive Club
Principal organizer
ASCRS 2007

Wang MX, as co-instructor, "Treating post-refractive surgery complex eyes"
ASCRS, April 2007.

Wang MX, as co-instructor, "Video grand round"
ASCRS, April 2007.

Wang MX, as co-instructor, "Refractive surgery nightmares"
ASCRS, April 2007

Wang MX, as session moderator "Refractive surgery – aberrations"
ASCRS, April 2007.

Wang MX, principal instructor: "Advanced corneal topography for refractive surgeons"
AAO, Nov 2007.

Wang MX, principal instructor: "Treating post-refractive surgery complex eyes"
AAO, Nov 2007.

Wang MX, "Three-point touch – identifying FFKC topographically"
AAO, Nov 2007.

Wang MX. Principal instructor: "Advanced corneal topography for refractive surgeons"
ASCRS 2008

Refractive Club
Principal organizer
ASCRS 2008

Wang MX, co-instructor (principal instructor: Agarwal) "Melt of corneal incisions overlying Intacs"
ASCRS 2008

Wang MX, co-instructor (principal instructor: Aleksandar Stonjavich) "Irregular astigmatism – classification, diagnosis and treatment"
ASCRS 2008

Wang MX, as principal instructor - Advanced corneal topography course for refractive surgeons
Nordic Ophthalmology Congress
Tromoso, Norway, 6/08

Wang MX, co-instructor (principal instructor: Gulani): "Advanced corneal topography – what every surgeon should know in 2008"
AAO, 2008.

Wang MX, co-instructor (principal instructor: Agarwal) "Removal of Intacs"
AAO 2008

Wang MX, principal instructor
Advanced corneal topography course for refractive and refractive lens surgeons.
ASCRS 2009

Refractive Club
Principal organizer
ASCRS 2009

Wang MX, co-instructor (principal instructor: Ston)javich)
"Customized treatment for irregular corneal astigmatism"
ESCRS 2010.

Refractive Club
Principal organizer
ASCRS 2010

Wang MX, principal instructor
Advanced corneal topography course for premium IOL and refractive surgery
ASCRS 2011.

Refractive Club
Principal organizer
ASCRS 2011

Wang MX, principal instructor
Advanced corneal topography course for premium IOL and refractive surgery
ASCRS 2012.

Refractive Club
Principal organizer
ASCRS 2012

Wang MX, principal instructor
Advanced corneal topography course for premium IOL and refractive surgery
ASCRS 2013.

Refractive Club
Principal organizer
ASCRS 2013

Wang MX, principal instructor
Update of anterior segment surgeries
Aier national video conference
Dec 2013.

Wang MX, principal instructor
Update of anterior segment surgeries
Aier national video conference,
Dec 2014.

Refractive Club
Principal organizer
ASCRS 2014

Wang MX, moderator
Presbyopic lens surgery
ASCRS 2015.

Refractive Club
Principal organizer
ASCRS 2015

Wang MX, principal instructor
"Advanced corneal topography for refractive and refractive lens surgery".
ASCRS 2016

Refractive Club
Principal organizer
ASCRS 2016

Wang MX, principal instructor: "Corneal inlays for presbyopia"
Shanghai Aier Eye Hospital, 2017

Refractive Club
Principal organizer
ASCRS 2017

Wang MX, principal instructor – Update of anterior segment surgeries,
Aier national video conference, Dec 2018.

Refractive Club
Principal organizer
ASCRS 2018

Wang MX, moderator
Multifocal IOL
ASCRS 2019

Refractive Club
Principal organizer
ASCRS 2019

Wang MX, moderator
Aier-USA presbyopic surgeries
China National Eye meeting, 2019

Wang MX. Principal instructor
Advanced corneal topography for refractive and refractive lens surgeons
ASCRS 2020

Refractive Club
Principal organizer
ASCRS 2020

Wang MX. Principal instructor
Advanced corneal topography for refractive and refractive lens surgeons
ASCRS 2021

Refractive Club
Principal organizer
ASCRS 2021

Wang MX. Principal instructor
Advanced corneal topography for refractive and refractive lens surgeons
ASCRS 2022

Refractive Club
Principal organizer
ASCRS 2022

Wang MX. Principal instructor
Advanced corneal topography for refractive and refractive lens surgeons
ASCRS 2023

Refractive Club
Principal organizer
ASCRS 2023

Refractive Club
Principal organizer
ASCRS 2024

Wang MX. Principal instructor
Advanced corneal topography for refractive and refractive lens surgeons
ASCRS 2024

REFERENCES

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