

MATTHEW J. WELCH, M.D.

PROFESSIONAL PRACTICE

Associated Retina Consultants, Ltd. 2015 – present
Adult and Pediatric Vitreoretinal Surgeon
Intraocular Tumor Specialist
1750 E Glendale Ave, Phoenix, AZ 85020, (602) 242 - 4928

Retina Specialists of Southern Arizona 2014 – 2015
Associated Retina Consultants – Tucson Division
Adult and Pediatric Vitreoretinal Surgeon
4753 E Camp Lowell Dr, Tucson, AZ 85712

Suburban Retina, Ltd. 2013 – 2014
Adult and Pediatric Vitreoretinal Surgeon
130 S. Main Street Ste. 206, Lombard, IL 60148

ACADEMIC APPOINTMENTS

University of Arizona – College of Medicine Phoenix 2015 - present
Department of Ophthalmology
Clinical Assistant Professor
550 E Van Buren St, Phoenix, AZ 85004

Loyola University Chicago – Stritch School of Medicine 2013 – 2014
Department of Ophthalmology
Clinical Assistant Professor
Adult and Pediatric Vitreoretinal Surgeon
2160 S. 1st Ave, Maywood, IL 60153

Edward Hines, Jr. V.A. Hospital 2013 – 2014
Surgery Service Line – Ophthalmology
Attending Physician
Vitreoretinal Surgeon
2100 S. 5th Ave, Hines, IL 60141

POSTGRADUTE TRAINING

FELLOWSHIP

Associated Retina Consultants 2011 – 2013
AUPO Certified Fellowship Program
Maricopa Integrated Health Systems Affiliate
University of Arizona College of Medicine, Phoenix Campus Affiliate
7600 N. 15th Street Ste. 155, Phoenix, Arizona 85020
Vitreoretinal Surgery (Adult and Pediatric)

Retina Specialists of Southern Arizona 2014 – 2015
Intraocular Tumor Disease and Treatment (Adult and Pediatric)

RESIDENCY

Loyola University Chicago/Hines V.A. Hospital 2008 – 2011
2160 S. 1st Ave Maywood, Illinois 60153
Ophthalmology, Chief Resident (Department appointed position) 2010 – 2011

INTERNSHIP

Saint Francis Hospital, University of Chicago at Illinois Affiliate Medicine 2007 – 2008
355 Ridge Ave. Evanston, Illinois 60202
Transitional Year – Internal Medicine Emphasis

EDUCATION

MEDICAL EDUCATION

Loyola University Chicago Stritch School of Medicine 2003 - 2007
2160 S. 1st Ave Maywood, Illinois 60153
Degree: Medical Doctor

UNDERGRADUATE EDUCATION

University of Arizona, Honors College Student 1999 – 2003
Tucson, Arizona
Degree: B.S.H.S., Physiology major/Chemistry minor, *Magna Cum Laude*

BOARD CERTIFICATION

American Board of Ophthalmology, Certified October 14, 2012

PUBLICATIONS

Singer JR, Nigalye AK, Champion MT, Welch MJ. Intravitreal methotrexate for mantle cell lymphoma infiltrate of the optic nerves: A case report. *Retinal Cases and Brief Reports*. 2016;12 (PAP).

Welch, Joffe, Flynn, Smiddy. Complications in Phacoemulsification: Chapter 26, 2nd Ed. Thieme: New York.

Welch MJ and De Souza S. Silicone oil microbubble found in failed full-thickness macular hole closure. *Retinal Cases and Brief Reports*. 2013;8(2):132-134.

Welch MJ, De Souza SAM, Gordon AJ, Tspursky MS. Rapid resolution of neurosensory RD in UAIM. *Retin Physician*. 2013;10(8):54-57.

Welch MJ, Sell CH. Reduction in CME from CRVO with biweekly Avastin-dexamethasone. *Retin Physician*. 2012;9(9):60-62.

Welch MJ and Jay WM. Episodic oculomotor nerve palsy in a patient with leptomeningeal metastatic adenocarcinoma of the breast. *Neuro-Ophthalmology*. 2010 Oct-Dec;34(5-6): 356-7.

Coronella JA, Spiers C, Welch M, Trevor KT, Stopeck AT, Villar H, Hersh EM. Antigen-driven oligoclonal expansion of tumor-infiltrating B cells in infiltrating ductal carcinoma of the breast. *Journal of Immunology*. 2002 Aug 15;169(4):1 829-36.

MANUSCRIPTS

Champion, Welch et al. Diabetic Macular Edema and the Fluocinolone Acetonide Sustained Release Implant: Early Real World Experience in the United States.

Champion, Welch. Retinal Venous Occlusion in a Pediatric Patient with 4G/5G Polymorphism in the Plasminogen Activator Inhibitor Type-1 Gene

Champion, Welch et al. Intraoperative ophthalmic artery occlusion during conventional angiogram with antecubital access site.

Welch et al. Bone marrow transplant in multiple myeloma associated with central retinal vein occlusion.

Welch MJ et al. Coats-like lesion causing vitreous hemorrhage in retinitis pigmentosa.

RESEARCH POSTERS AND PRESENTATIONS

Welch MJ. 2016 Optometric Education Retina Symposium. *Considerations in Sutured IOLs*. 2016. Phoenix, AZ.

Welch MJ. 2016 Ophthalmologic Retina Symposium. *Considerations in Sutured IOLs*. 2016. Phoenix, AZ.

Welch MJ. Prescott-Area Optometric Community Educational Meeting. *Update from the Oncology Service at Associated Retina Consultants*. 2016. Prescott, AZ.

Welch MJ. Association of perioperative Registered Nurses, Grand Canyon Chapter. *Advances in Vitreoretinal Surgery & Perioperative Management*. 2016. Phoenix, AZ.

Welch MJ. Prescott-Area Optometric Community Educational Meeting. *Update of Uveal Masses*. 2015. Prescott, AZ.

Welch MJ. Arizona Retina Research Foundation, 2015 Retina Symposium. *Update of Uveal Masses*. 2015. Phoenix, AZ.

Welch MJ. Arizona Retina Research Foundation, 2015 Retina Symposium. *Intraocular pressure concerns for patients undergoing retinal treatments*. 2015. Phoenix, AZ.

Welch MJ. Tucson Ophthalmological Society. *Update on current clinical trials in Age-Related Macular Degeneration*. 2014. Tucson, AZ.

Welch MJ. Arizona Retina Research Foundation, 2012 Retina Symposium. *Update on therapy for diabetic macular edema and considerations for cataract patients with diabetic macular edema*. 2012. Phoenix, AZ.

Welch MJ and McDonnell JF. The Association for Research in Vision and Ophthalmology (ARVO). *Attitudes and perspectives on ophthalmology resident training within the pediatric ophthalmology setting: the APORT study series*. 2011. Fort Lauderdale, FL.

Welch MJ and McDonnell JF. Loyola University Chicago Department of Ophthalmology Alumni/Research Day. *Attitudes and perspectives on ophthalmology resident training within the pediatric ophthalmology setting: the APORT study series*. 2011. Maywood, IL.

Welch MJ and McDonnell JF. International Pediatric Ophthalmology and Strabismus Conference: IPOS IV. *Attitudes and perspectives on ophthalmology resident training within the pediatric ophthalmology setting: the APORT study series*. 2010. Chicago, IL.

Jay WM and Welch MJ. Upper Midwest Neuro-Ophthalmology Group 2010 Meeting. *Episodic oculomotor nerve palsy in a patient with leptomeningeal metastatic adenocarcinoma of the breast*. 2010. Chicago, IL.

Welch MJ and McDonnell JF. Loyola University Chicago Department of Ophthalmology Alumni/Research Day. *Attitudes and perspectives on ophthalmology resident training: the APORT study series*. 2010. Maywood, IL.

Welch MJ and McDonnell JF. Loyola University Chicago Stritch School of Medicine St. Albert's Research Day. *Attitudes and perspectives on ophthalmology resident training within the pediatric ophthalmology setting: the APORT study series*. 2010. Maywood, IL.

Welch MJ and McDonnell JF. The Association for Research in Vision and Ophthalmology (ARVO). *Attitudes and perspectives on ophthalmology resident training: the APORT study series*. 2010. Fort Lauderdale, FL.

Welch MJ and McDonnell JF. Central Group on Educational Affairs of the Association of American Medical Colleges (AAMC) 2010 Meeting. *Attitudes and perspectives on ophthalmology resident training: the APORT study series*. 2010. Chicago, IL.

Welch MJ and McDonnell JF. Loyola University Chicago Stritch School of Medicine St. Albert's Research Day. *Attitudes and perspectives on ophthalmology resident training: the APORT study series*. 2009. Maywood, IL.

Park W, Welch M, Russo P. The Association for Research in Vision and Ophthalmology (ARVO). *The effectiveness of rub versus no-rub contact lens solution on protein removal*. 2007. Fort Lauderdale, FL.

CLINICAL TRIAL INVESTIGATOR INVOLVEMENT

Sub Investigator:

Clearside Biomedical	CLS-1003-301 (SAPPHIRE)
Roche	GX30191
Regeneron	R910-3-AMD 1517
Regeneron	R910-3-DME-1518
Roche	SPECTRI GX29185
Allegro	MADE-202B
Alcon	HAWK Rth258-001
Neurotech	T-503-3-AMD-001
Allergan	CEDAR 150998-005
Regeneron	CAPELLA R2176-3-AMD-1417
Allergan	BEACON 190342-038
Alcon	CLG561-2201
Iconic	EMERGE IT-002
Roche	AVENUE BP29647
Roche	LADDER GX28228
Genetech	Boulevard BP30099
Regeneron	PANORAMA VGFTe-OD-1411
Ohr	Ohr-1601
Nexus	LPATH LT1009-Oph-003

ADDITIONAL RESEARCH ACTIVITIES

Welch M, De Souza S, Sell C, Gordon, A, and Kwong H. Response of macular edema to combination avastin and dexamethasone intravitreal injection therapy in the setting of retinal vein occlusion. 2012.

Welch M, De Souza S, Gordon A, and Kwong H. Early vitrectomy in acute retinal necrosis. 2012.

Welch MJ and McDonnell JF. Patient attitudes and perspectives on ophthalmology resident training: the APORT pilot study. 2009-2011.

Welch MJ and McDonnell JF. A comparison of the attitudes and perspectives of residents and faculty on resident training across multiple subspecialties at a training hospital – the APORT multidisciplinary study. 2009-2010.

Park W, Welch M, de Alba F. Combined posterior sub-tenon injection of triamcinolone acetonide and laser photocoagulation for the treatment of clinically significant macular edema. 2007.

Sitole S, Welch M, Ahmad A. Outcomes of orbital floor fracture repair with poly D,L-lactide acid(resorbX) resorbable implants. 2006-2007.

Lohman T, Going S, Welch M. The effects of weight bearing exercise and hormone replacement therapy on bone density in pre-menopausal versus post-menopausal women. 2003.

RESEARCH & CLINICAL AWARDS

Chicago Ophthalmologic Society Beam Fisher Award, Runner-up, 2011

MAGIS Star Recipient, Loyola University Health Systems award for outstanding clinical service, 2010

Illinois Society for the Prevention of Blindness Researcher Grant Award, Principle Investigator, 2009

PROFESSIONAL SOCIETY & BOARD MEMBERSHIPS

American Academy of Ophthalmology, Fellow	2008 – Present
American Society of Retina Specialist	2013 – Present
Phoenix Ophthalmologic Society	2011 – Present
Tucson Ophthalmologic Society	2014 – Present
Arizona Ophthalmologic Society	2014 – Present
American Medical Association	2014 – Present
Advances in Ophthalmology & Visual System, Associate Editor	2016 – Present
Maricopa County Medical Society	2012 – 2013
American Society of Cataract and Refractive Surgery	2008 – 2013
Association for Research in Vision and Ophthalmology	2009 – 2011
Chicago Ophthalmological Society	2008 – 2011

ADDITIONAL PROFESSIONAL ACTIVITIES

American Society of Retina Specialists – ECS Committee Coordinator for website communications	2017 - present
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Scottsdale Healthcare Providers Ophthalmology Workgroup Collaborating workgroup of primary care provides and ophthalmologists focused on quality measure improvement and establishing a more comprehensive integrated system to related to diabetic eye care.	2016 - present
Arizona Midday, NBC 12 News, Phoenix – Educational Segment on Floaters	2017
Arizona Midday, NBC 12 News, Phoenix – Educational Segment on Intraocular Tumors	2016
Associate Editor, <i>Advances in Ophthalmology & Visual System</i>	2016 - present
Editorial Panel, <i>EC Ophthalmology</i>	2015 - present

CURRENT CLINICAL AFFILIATIONS

Arizona Ophthalmic Outpatient Surgery, Phoenix, AZ
 Outpatient Surgical Care, Phoenix, AZ
 Warner Park Surgical Center, Chandler, AZ
 District Medical Group, Physician group, Phoenix, AZ
 St. Joseph Hospital, Dignity Healthcare, Phoenix, AZ
 Honor Health, Phoenix/Scottsdale, AZ
 Phoenix Children’s Hospital, Phoenix, AZ
 Maricopa Integrated Health Systems, Phoenix, AZ
 Banner University Medical Center - Phoenix, Phoenix, AZ
 Scottsdale Eye Surgical Center, Scottsdale, AZ
 Rummel Eye Surgery Center, Prescott, AZ
 Desert Ridge Surgery Center, Phoenix, AZ

PRIOR CLINICAL AFFILIATIONS

Loyola University Health Systems
 Elmhurst Memorial Hospital
 Elmhurst Outpatient Surgical Center
 Rush-Oak Park Hospital
 Edward Hines, Jr. V.A. Hospital
 Carondelet St. Joseph’s Hospital, Tucson, AZ
 Tucson Medical Center, Tucson, AZ

MEDICAL LICENSE

Arizona Medical License #44360 – active
 Illinois Medical License #036132706 - inactive

FOREIGN LANGUAGE

Spanish

RESIDENCY ACTIVITIES

National Youth Leadership Forum on Medicine
 Guest Speaker, July 2010, Chicago, IL

AAMC/CGEA Meeting Research Reviewer
2010 Meeting, Chicago, IL

ACGME House Staff Governance Committee
Ophthalmology Department representative, Spring 2009-2011

Rabb Retina Study Group
Participant/presenter, 2008-Present, Chicago, IL

Ophthalmology Community Outreach with Stritch School of Medicine, community screening
Participant/supervisor, 2009-2010, Chicago, IL

MEDICAL SCHOOL ACTIVITIES

Guatemalan International Service Ophthalmology Sub-Internship, Stritch School of Medicine
Visiting international medical student, February 2007

Stritch School of Medicine Summer Enrichment Program for High School Students, Instructor, June-July 2004

Community Health Chicago Outreach Clinic, Student-doctor participant/volunteer, 2004

"Rebuilding Together" under-served home repair project, Participant, 2004

Bioethics Interest Group, Stritch School of Medicine, Member, 2003-2005

Physicians for Human Rights, Stritch School of Medicine, Member, 2003-2005

BRIEF BIOGRAPHY

Dr. Matthew Welch was born and raised outside of Minneapolis, MN. He attended the University of Arizona where he was accepted to the University Honors College and graduated magna cum laude with a degree in physiology and chemistry minor. He returned to the Midwest where he earned his medical degree at Loyola University Chicago's Stritch School of Medicine. He then went on to complete his internship at St. Francis Hospital, a University of Illinois Affiliate program, and then returned to Loyola University Medical Center, where he completed his residency in Ophthalmology. Dr. Welch was appointed and served as Chief Resident, Department of Ophthalmology at Loyola University Medical Center and Hines V.A. Hospital in 2010-2011. He completed a fellowship in vitreo-retinal surgery as well as additional training focused on intraocular tumor disease and treatment. He is board certified in ophthalmology and a diplomat of the American Board of Ophthalmology.

Dr. Welch is a previous member of the faculty of the Department of Ophthalmology, Loyola University Chicago. As a Clinical Assistant Professor, he lectured to and trained ophthalmology residents in the diagnosis and treatment of retinal diseases, while serving as a pediatric retinal specialist for the university medical center. He now focuses his educational effort in the training of vitreo-retinal surgeons fellows along with participating in educational programs associated with the University of Arizona College of Medicine-Phoenix.