

Curriculum Vitae

Alexander H. Rubowitz, MD

Hospital Address : Dept. of Ophthalmology, Meir Hospital,
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Date and place of birth: June 14th, 1968, Jerusalem, Israel

IDF (Israeli Military Service): April 1993 - April 1998
Medical Officer, Medical Corps

Marital Status: Married to Osnat, 3 children

A. Education

- July 2003- June 2005 Retina Fellow, Eye Care Services, Henry Ford Hospital, Detroit, Michigan
- Jan. 1998- Dec. 2002 Resident in Ophthalmology, Dept. of Ophthalmology, Me'ir Hospital, Kfar-Saba, Israel
- Postgraduate Continuing Education in Ophthalmology Program, Sackler Faculty of Medicine, Tel-Aviv University, Tel Aviv, Israel
- Mar. 1992- Mar.1993 Internship, Hillel-Yaffe Hospital, Hadera, Israel
- June 1986- Jan. 1992 MD studies, Faculty of Medicine, Ben-Gurion University, Beer-Sheba, Israel

B. Further Studies

- 1993 ATLS Certification
- 2002 Completion of USMLE and ECFMG certification
- 2003 CTLS certification

C1. Academic Experience

- 2005-present Instructor, Faculty of Medicine, Tel-Aviv University responsible for teaching and training of nursing and medical students in ophthalmology at Me'ir Hospital, Kfar-Saba, Israel

C2. Clinical Experience

- 1992-1993 Internship, Hillel Yaffe Hospital, Hadera, Israel
- 1993-1997 Medical Officer, Israeli Army Medical Corps
- 1998-2003 Residency in Ophthalmology, Meir Hospital, Kfar-Saba, Israel
- 2003-2005 Retina Fellow, Henry Ford Hospital, Detroit, Michigan
- 2005-Present Senior Physician and Surgeon, Me'ir Hospital, Israel
- 2010-2016 Director, Ophthalmology Clinics, Meir Hospital, Israel
- 2014-Present Vice-Chair, Department of Ophthalmology, Meir Hospital, Kfar Saba, Israel

C3. Active Participation at Scientific Meetings

- 1999 5th International Congress of The International Society of Dacryology, Jerusalem, Israel, Nov. 14-18, 1999.
Fistula and accessory puncta in a child with chronic unilateral dacryocystitis . Lecture presentation.
- 1999 Bi-Annual meeting of the Israeli Ophthalmological Society, Tel-Aviv, Israel. Congenital Hamartoma of the RPE and Retina.
- 2000 North American Neuro-Ophthalmological Society Meeting, poster presentation - ICG in Big Blind Spot Syndrome.
- 2000 Israeli Cataract Society, Tel-Aviv, Israel. Presentation lecture – Cataract Surgery Performed with CPAP Ventilation.
- 2001 European Society of Oculoplastic and Reconstructive Surgery, Santiago-de-Campo, Spain. Briscoe D, Rubowitz A, Lecture Presentation, The Changing Bacterial Spectrum of Dacryocystitis.
- 2004 ASRS 22nd Annual meeting, San Diego, USA, July 2004.
Macular Holes in Terson's Syndrome, Poster Presentation.

- 2015 ASRS 33rd Annual Meeting, Nice, France, July 2015.
Pilot Study of Feasibility of Use of Experimental High
Viscosity Silicone Oils. Lecture Presentation.
- 2015 ASRS 33rd Annual Meeting, Nice, France, July 2015.
Axial Length Changes Caused by Circumferential Scleral
Buckling With A Silicone Sponge. Poster Presentation.
- 2016 Israeli Society For Vision and Eye Research 36th Annual
Meeting. Shira Sheen-Ophir, Alex Rubowitz, Mordechai
Rosner. Pilot Study of Feasibility of Use of Experimental
High Viscosity Silicone Oils. Lecture presentation,
Tel Aviv, Israel, March 2016
- 2016 ESCRS Annual Meeting. S.Sella, A. Rubowich
Ferencz S. Sheen-Ophir M. Blau-Most E.
Assia Y. Ton . Intraocular lens dislocation posterior and
anterior segment surgical collaboration. Lecture presentation,
Copenhagen, Denmark., September 2016.
- 2017 Euretina 17th Meeting, Sept. 7-10, Barcelona , Spain. A. Ohayon.
A. Rubowitz, A 2-port Inexpensive and Effective Method of
Silicone Oil Removal. Lecture Presentation.
- 2017 Euretina 17th Meeting, Sept. 7-10, Barcelona , Spain. M. Blau-
Most, A. Ohayon. A. Rubowitz, Bilateral Simultaneous
CRVO in Hyperviscosity Retinopathy with Good Response to
Immunosuppressive Therapy. Poster Presentation.
- 2017 Euretina 17th Meeting, Sept. 7-10, Barcelona , Spain. A. Ohayon.
A. Rubowitz, Planned Surgical Macular Detachment.
Video Presentation.
- 2017 Euretina 17th Meeting, Sept. 7-10, Barcelona , Spain. A. Ohayon.
A. Rubowitz, Silicone Oil Retention Sutures for Aphakia in
Stickler Syndrome. Video Presentation.
- 2017 Euretina 17th Meeting, Sept. 7-10, Barcelona , Spain.
A. Ohayon. A. Rubowitz, Case report: Spontaneous closure of
bilateral macularholes (MH). Poster Presentation.

C4. Membership in Professional Societies

1998- Present Member, Israeli Medical Association

1998-Present Member, Israeli Ophthalmological Society

2005-Present Member, American Society of Retinal Specialists (ASRS)

2016- Present Member European VitreoRetinal Society (EVRS)

D. BASIC SCIENCE PROJECTS SUPERVISED BY CANDIDATE

2015 Dr. Shira Shin-Offir, High viscosity silicone oils
in vivo model. Tel Aviv University & Meir Hospital

2016 Dr. Lina Assali, Physics of Silicone oil
viscosity in an in-vitro model. Tel Aviv University

2017 Dr. Assaf Freihmann, Physics of silicone oil
viscosity and surface tension. Tel Aviv University

E. M.A. / M.Sc. STUDENTS

G. Academic and Professional Awards

2002 Ophthalmology Resident of the Year,
Israeli Ophthalmological Society

2002 Claire & Amedee Martier Research Grant - Tel Aviv University

2017 Tel Aviv University - Ramot Research Foundation, Grant &
Award for Original Bio-Medical Patentable Application in
Anti-VEGF Injections.

List of Scientific Publications

A. Books Written

B1. Original Articles

Published

1. Shira Sheen-Ophir, Mordechai Rosner, **Alexander Rubowitz**. Feasibility of using experimental high viscosity silicone oils: a pilot study. *International Journal of Retina and Vitreous* 2018 **4**:3. <https://doi.org/10.1186/s40942-017-0105-8>.
2. Amit Meshi, Asaf Friehmann, Sarah Sella, Raz Gepstein, Sharon Armarnik, Ehud I. Assia, **Alexander Rubowitz**. Intravitreal Administration of Antiviral Agents in Silicone Oil-Filled Human Eyes. *Ophthalmology Retina*, 2017 July-Aug; 1(4): 288-93.
3. Ophir SS, Friehmann A, **Rubowitz A**. Circumferential silicone sponge scleral buckling induced axial length changes: case series and comparison to literature. *Int J Retina Vitreous*. 2017 Mar 27;3:10.
4. Kuppermann BD, Goldstein M, Maturi RK, Pollack A, Singer M, Tufail A, Weinberger D, Li XY, Liu CC, Lou J, Whitcup SM; Ozurdex® ERIE Study Group. Dexamethasone Intravitreal Implant as Adjunctive Therapy to Ranibizumab in Neovascular Age-Related Macular Degeneration: A Multicenter Randomized Controlled Trial. *Ophthalmologica*. 2015;234(1):40-54.
5. Rosen E, **Rubowitz A**, Assia EI. Visual outcome following cataract 5 extraction in patients aged 90 years and older. *Eye* 2009 May;23(5):1120-4.
6. Desai UR, Bhatti RA, Khan KA, **Rubowitz A**. Sharp dissection of the Weiss ring to induce a posterior vitreous detachment. *Br J Ophthalmol* 2008 Mar; 92(3): 420-2.

7. **Rubowitz A**, Desai UR. Non-traumatic macular holes associated With Terson syndrome. *Retina* 2006 Feb; 26(2): 230-2.
8. Briscoe D, **Rubowitz A**, Assia EI. Changing bacterial isolates and antibiotic sensitivities of purulent dacryocystitis. *Orbit* 2005 Mar; 24(1): 29-32.
9. **Rubowitz A**, Assia EI, Rosner M, Topaz M. Antioxidant protection against corneal damage by free radicals during phacoemulsification. *Invest Ophthalmol Vis Sci* 2003 May; 44(5): 1866-70.
10. Salomon O, Huna-Baron R, Moisseiev J, Rosenberg N, **Rubowitz A** Steinberg DM, Davidson J, Sela BA, Seligson U. Thrombophilia as a cause for central retinal artery occlusion in patients without an apparent embolic source. *Eye* 2001; 15: 511-14.
11. Rotenstreich Y, **Rubowitz A**, Segev F, Jaeger-Roshu S, Assia EI. Effect of Warfarin Therapy on Bleeding During Cataract Surgery. *J Cat Refract Surg* 2001; 27(9): 1344-6.
12. **Rubowitz A**, Porath A. Secondary Prevention of Coronary Heart Disease in Patients After Acute Myocardial Infarction At the Soroka Medical Center. *Isr J Med Sci* 1992; 28: 856-61.

Accepted for publication

B2. Case Reports

Published

1. Rosen E, **Rubowitz A**, Ferencz JR. Exposure to Verteporfin and Bevacizumab therapy for choroidal neovascularization secondary to Punctate Inner Choroidopathy during pregnancy
Eye 2009 Jun;23(6): 1479.
2. **Rubowitz A**, Assia EI. Cataract Surgery Performed With Continuous Positive Airway Pressure (CPAP) Ventilation.
Am J Ophthalmol 2001; 131: 128-9.
3. Pras E, **Rubowitz A**, Ferencz J, Raz J, Rotenstreich Y, Assia EI. Endogenous Endophthalmitis As the Leading Sign of Endocarditis.
Ann Ophthalmol 2001; 33(2); 148-50.
4. Ferencz JR, Rosen E, Tam G, Gilady G, **Rubowich A**, Assia EI, Korzets Z. Treatment of total exudative retinal detachment due to central retinal vein occlusion by intravitreal bevacizumab in a patient with p-ANCA vasculitis. Clin Ophthalmol. 2007 Sep;1(3):347-51.
5. Nimrod Dar, **Alexander Rubowitz**. Pseudo-duplication of the optic disc with maculo-schisis in a 9-year-old patient.
AJO Case Reports , 2018 Mar 7;10:198-200.

B3 Review Articles

B4 Book Chapters

1. Suprachoroidal Hemorrhage. In: Vitreoretinal Surgical Techniques, 2nd Edition. Peyman GA, Meffert SA, Conway MD. Informa Healthcare; 2 edition (December 13, 2006)
ISBN-10: 1841846260, ISBN-13: 978-1841846262

C Monographs

D Abstracts, Proceedings, Invited Papers

1. Assia EI, **Rubowitz A**, Pras E. Clinical Experience with Viscofluids. ASCRS Symposium On Cataract, IOL and Refractive Surgery, Seattle WA, USA, 1999, #540, pp. 136.
2. Assia EI, Rotenstreich Y, **Rubowitz A**, Jaeger-Roshu S. Cataract Surgery in Patients Anticoagulated with Coumadin. XVIIth Congress Of the European Society of Cataract and Refractive Surgeons. Vienna, Austria, 1999, pp. 95.
3. Assia EI, Rotenstreich Y, Raskin T, **Rubowitz A**, Jaeger-Roshu S. Cataract Surgery in Patients Treated with Anti-Aggregation and Anticoagulation Medications. VIth Mediterranean Ophthalmological Society Congress and Vith Michaelson Symposium, Jerusalem, Israel 2000, pp.163.

E Encyclopedic Articles

F Books Edited

G Other Publications

1. Letter to the editor. **Rubowitz A**. Retina. 2016 Aug;36(8):e78-9.
2. Letter to the Editor. **Rubowitz A**. Retina. 2013. Oct;33(9):1997-8.
3. **Rubowitz A**. Sutures and Stitches in Ophthalmology. Eye Update, 1998; 10: 16-23.
4. **Rubowitz A**. Update on Macular Holes. Eye Update 2008 Jan.