

CURRICULUM VITAE

MICHAEL X. REPKA, M.D., M.B.A.

Current Appointments: David L. Guyton, MD, and Feduniak Family Professor of Ophthalmology
Professor of Pediatric Medicine
Johns Hopkins University School of Medicine
Active Staff: Johns Hopkins Hospital

Work Address: 233 Wilmer Institute
600 North Wolfe Street
Johns Hopkins Hospital
Baltimore, Maryland 21287-9028

Telephone: Business: 410-955-8314 (academic office - 410-955-5492)
Business FAX 410-955-0809

Education: University of Delaware (1972 – 1975), Newark, Delaware
B.A. with Highest Honors
Majors: Chemistry, Biology
Honors: Phi Beta Kappa
Phi Kappa Phi

Jefferson Medical College (1975 – 1979)
Thomas Jefferson University, Philadelphia, Pennsylvania
M.D. Magna cum Laude
Honors: Alpha Omega Alpha

Johns Hopkins University School of Medicine and Carey Business School (2007 – 2010)
Johns Hopkins University, Baltimore, Maryland
Graduate Certificate in the Business of Medicine – awarded January 29, 2008
M.B.A. - Medical Services Management – conferred December 30, 2010
Honors: Edward J. Stegman CPA Memorial Award

Professional:

1979 - 1980 Intern in Internal Medicine
Pennsylvania Hospital
Philadelphia, Pennsylvania

1980 - 1983 Resident Surgeon in Ophthalmology
Wills Eye Hospital
Thomas Jefferson University
Philadelphia, Pennsylvania

1982 - 1983 Temporary Administrative Appointment
Department of Surgery
Pennsylvania Hospital
Philadelphia, Pennsylvania

1983 - 1984 Clinical Fellow in Neuro-Ophthalmology and Orbital Surgery
Wilmer Ophthalmological Institute
Johns Hopkins University
Neil R. Miller, M.D. (director)

- 1984 Clinical Fellow in Pediatric Ophthalmology and Strabismus
 Wilmer Ophthalmological Institute
 Johns Hopkins University
 David L. Guyton, M.D. (director)
- 1985 - 1990 Assistant Professor
 Wilmer Ophthalmological Institute
 Johns Hopkins University School of Medicine
- 1985 - 1992 Consultant
 Veterans Administration Medical Center
 Baltimore, Maryland
- 1987 - 1990 Consultant
 Department of Ophthalmology
 Howard University
 Washington, D.C.
- 1990 - 1997 Associate Professor
 Wilmer Ophthalmological Institute
 Johns Hopkins University School of Medicine
- 1990 – 2001 Associate Professor
 Department of Pediatrics
 Johns Hopkins University School of Medicine
- 1997 - Professor of Ophthalmology
 Wilmer Ophthalmological Institute
 Johns Hopkins University School of Medicine
- 2001 - Professor of Pediatric Medicine
 Johns Hopkins University School of Medicine
- 2010 - Vice-Chair for Clinical Practice, Wilmer Eye Institute
- 2010 - Inaugural David L. Guyton, MD, and Feduniak Family Professor of Ophthalmology,
 Wilmer Eye Institute, Johns Hopkins University
- 2010 - Medical Director of Governmental Affairs, American Academy of Ophthalmology

Hospital Appointments: Current

Johns Hopkins Hospital
 600 North Wolfe Street, Baltimore, MD 21287
 Initial appointment - January 1985
 Active Staff Full-Time (June 1, 2013 – May 31, 2015)

Johns Hopkins Bayview Medical Center
 4940 Eastern Avenue, Baltimore, Maryland 21224
 Initial appointment - March 23, 1987
 Courtesy Staff (June 1, 2013 – May 31, 2015)

Mount Washington Pediatric Hospital
 1708 West Rogers Avenue, Baltimore, MD 21209-4596
 Initial appointment - December 1995
 Consulting Staff (November 29, 2013 – November 28, 2015)

Past Hospital Appointments

St. Joseph Medical Center
 7601 York Road, Baltimore, MD 21204-7582
 Initial appointment - January 1996
 Consulting (January 01, 2005 – December 31, 2006)
 Resigned May 2006

Sinai Hospital
 2401 West Belvedere Avenue, Baltimore, Maryland 21215-5271
 Initial appointment - April 1988
 Special Consultant in the Department of Ophthalmology (4/1/2003 – 3/31/2005)
 Resigned November 18, 2004

Greater Baltimore Medical Center
 6701 North Charles Street, Baltimore, MD 21204
 Initial appointment - April 1993
 Associate Staff (April 1, 2013 – March 31, 2015)
 Resigned March 31, 2015

Licensure: Current: Maryland D29320 (Issued - May 13, 1983): Valid until 9/30/2013
 Inactive: New Jersey 39493 (Issued - August 18, 1981)
 Pennsylvania MD024122-E (Issued - August 8, 1980)

Specialty Boards: Certification, National Board of Medical Examiners, July 1980
 Lifetime Certification, American Board of Ophthalmology, May 1985
 Passed Voluntary Maintenance of Certification Examination
 American Board of Ophthalmology - 2005
 Certificate valid - January 1, 2006 to December 31, 2015

Societies: Fellow, American Academy of Ophthalmology (1985 – present)
 American Association for Pediatric Ophthalmology & Strabismus (1986 – present)
 Association for Research in Vision and Ophthalmology (1985 – present)
 Silver Fellow - 2010
 International Strabismological Association (1996 – present)
 North American Neuro-Ophthalmology Society
 Alpha Omega Alpha
 Association for Research in Strabismus (Squint Club) (1993 – present)
 European Strabismological Association, Member, 2008 - present

Departmental Committees: Director of Pediatric Ophthalmology and Adult Strabismus, 2011 – Present
 Fellowship Committee, Chair, 1990 - 1993
 Managed Care Committee, Chair, 1992 - 1997
 Residency Education Committee, 1990 - 1992
 Clinical Practice Advisory Committee, 1991 – present
 Vice-Chair 2008-
 Chair, Subcommittee on Practice Improvement and Redesign 2008-
 2010

Clinic Facilities Committee, 1990 - 1992
 Wilmer Eye Network Planning Committee, 1995 - 1998
 Compliance Committee Chair, 1997 –
 Vice Chair for Clinical Practice Wilmer Institute– 2010 –

University Committees:

Joint Committee on Post-doctoral Affairs and House Staff Programs 1990-1993
 Joint Committee on Managed Care - 1992-1994
 School of Medicine – Johns Hopkins Hospital Compliance Committee, 1997 – Present

Hospital Committees:

Johns Hopkins Hospital Ethics Committee 1985-1988
 Pediatric Surgery Advisory Board 1988 - 2005
 Home Health Care Medical Advisory Board 1989 - 1990
 Automated Operative Note Users' Group 1990 - 1992
 Electronic Outpatient Record 1991-1992
 Board of Governors, Johns Hopkins at Green Spring Station, 1996-2003

External Organizations: American Medical Association

Ophthalmology Advisor, CPT Advisory Committee, 1990 -
 Ophthalmology Representative, Diagnostic and Therapeutic Technology
 Assessment Committee, 1990-1994
 Evaluation and Management Guidelines Development Workgroup, 2002

American Academy of Ophthalmology

Associate Secretary for Terminology and Technology Assessment, 1991 - 1995
 Chair, CPT Task Force, 1989 - 1990
 Federal Economic Policy Committee, 1989 - 1999
 Diagnostic and Procedural Terminology Committee, 1989 - 1996
 Chair 1991- 1996
 Diagnostic and Procedural Terminology and Reimbursement Committee, Chair,
 1997 – 1998
 Health Policy Committee, Chair, 1999 – 2004
 Secretary for Federal Affairs, 2005 – 2010
 Medical Director for Governmental Affairs – June 2010 - present

American Association for Pediatric Ophthalmology & Strabismus (AAPOS)

Socioeconomic Committee, 1989 – 1996, 1998 - 2001
 Program Committee, 1993 - 1996
 Long-range Planning Committees, 1990, 2000, 2012
 Director-at-Large, 1994 – 1996
 Secretary for Program, Program Committee, 1997 – 2001
 President-Elect Designate, 2003-2004
 President-Elect, 2004 - 2005
 President, 2005 - 2006
 Immediate Past-President, 2006 - 2007
 Corporate Advisory Committee 2007- 2010
 International Meetings Subcommittee Chair, 2007 – present

Association for Research in Vision and Ophthalmology (ARVO)

Program Planning Committee, EY section, 1994 - 1997
 Chair, EY Section, Program Planning Committee 1997

Food and Drug Administration

Temporary Member, Dermatologic and Ophthalmic Drugs Advisory Committee
 2008 – 2009
 Member, Dermatologic and Ophthalmic Drugs Advisory Committee, 2009-2011
 Chair, Dermatological and Ophthalmic Drugs Advisory Committee, August
 2009 – August 2012

International Strabismological Association
 Board Member, 2002-
 Fellowship Committee, 2003- 2010
 Chair, 2006 - 2010
 Program Committee Chair, 2006 – 2014

Maryland Society of Eye Physicians and Surgeons
 Treasurer, 2007
 Vice-President, 2008-2009
 President, 2010-2011
 Past-President, 2012-2013

Prevent Blindness America
 Pediatric Vision Advisory Committee, Member, 2008 - 2011
 National Expert Panel, National Center for Children's Vision and Eye Health –
 May 2010 - 2012

National Eye Health Education Program Committee Member 2009 - 2014
 National Eye Institute, National Institutes of Health

Child Health Task Force Member, National Quality Forum, 2010 – 2011

International Council of Ophthalmology
 Scientific Program Coordinator, World Ophthalmology Congress, Abu Dhabi,
 United Arab Emirates, February 2012
 ICD-11 Task Force, Topic Advisory Group of World Health Organization, 2009
 to present

State Committees:

Chairman, Maryland Society for Sight (formerly the Maryland Society to Prevent
 Blindness), Professional Committee for Preschool Programs, 1992 -
 1999
 State of Maryland Bicycle Advisory Committee to the Governor, Subcommittee on
 Safety, 1992 - 1998

Editorial Boards:

Journal of Pediatric Ophthalmology & Strabismus, 1991 – 1996, Slack Incorporated
Journal of AAPOS, 1997 – 2001, Elsevier
CPT Assistant, 1990 – 1994, American Medical Association
Strabismus (Aeolus Press, The Netherlands), 1992 - present
Codelink for Ophthalmology, 1993 – 2010, ADP Context Publications
British Journal of Ophthalmology 1998 – 2007
EyeNet Editorial Advisory Board 1999-2007, American Academy of Ophthalmology
 Associate Editor, *Journal of AAPOS*, Elsevier, 2008 – 2013
 Associate Editor, *Japanese Journal of Ophthalmology*, 2010 –
 Associate Editor, *Ophthalmology*, 2014 -

Awards:

American Academy of Ophthalmology
 Honor Award, 1991
 Senior Achievement Award, 2000
 Secretariat Award, Governmental Affairs Department, 2003
 Special Recognition Award, 2007
 Secretariat Award, Communications Department, 2010
 Life Achievement Award, 2011

American Association for Pediatric Ophthalmology and Strabismus
 Honor Award, 1993
 Senior Honor Award, 2003
 Lifetime Achievement Award, 2008
 Frank Costenbader Lecture, 2012

Invited Lectures:

- "Diabetic Optic Neuropathies," Diabetic Retinopathy - 1983, Johns Hopkins University, September 1983
- "The Afferent Visual System," Annual Meeting of the Association of Certified Orthoptists, November 1986
- "Visual Development: Ocular and Cerebral," Developmental Disabilities IX, The Kennedy Institute and the Department of Pediatrics, Johns Hopkins Medical Institutions, March 10, 1987
- "Functional Visual Loss," Ophthalmic Nursing Update - 1987, The Wilmer Institute, Johns Hopkins Medical Institutions, April 24, 1987
- "Vision Pathologies and the Pediatric Patient," Educational and Developmental Implications of a Visual Impairment, College of Continuing Studies, Johns Hopkins University, Baltimore, Maryland July 1987
- "Eye Movement Disorders: Multiple Cranial Nerve Syndromes," American Academy of Ophthalmology, Northeast Regional Update, Washington, D.C., August 21, 1987
- "Neuro-Ophthalmology and the Infant," American Association of Certified Orthoptists National Meeting, Dallas, Texas, November 9, 1987
- "Retinopathy of Prematurity," Visions of the Future, Virginia Department for the Visually Handicapped, Charlottesville, Virginia, November 17, 1987
- "A Clinical Approach to Diplopia," 1987 Neuro-Ophthalmology Course, Bascom Palmer Eye Institute, Miami, Florida, December 3-5, 1987
- "The Treatment of Amblyopia and Strabismus," Pediatric Ophthalmology Review, Annual Meeting of the Medical and Chirurgical Faculty of the State of Maryland, Baltimore, Maryland, April 28, 1988
- "Visual Development and Retinopathy of Prematurity," Annual Meeting of Vision Screeners, State of Maryland, Catonsville Community College, September 26, 1988.
- "An Approach to the Patient with Reduced Vision," Annual Meeting of The Teachers of the Visually Disabled, State of Maryland, October 5, 1988
- "Neuro-Ophthalmology and the Pediatric Patient," Annual Meeting of the Association of Certified Orthoptists, Las Vegas, Nevada, November 1988
- "Visual Development and the Pediatrician," Progress in Pediatrics, 1988, Department of Pediatrics, Johns Hopkins Medical Institutions, November 11, 1988
- "Ophthalmologic Update, 1989," Association for the Education and Rehabilitation of the Blind, Regional Meeting, Ocean City, Maryland, March 16, 1989
- "Paralytic Strabismus: Parts 1,2,3., Nystagmus in Childhood," Special Speaker, First Jack Crawford Annual Pediatric Ophthalmology Conference, Hospital for Sick Children, Toronto, Canada, March 31 - April 1, 1989
- "Visual Problems of Childhood," Developmental and Educational Implications of Visual Impairment, School of Continuing Studies, Johns Hopkins University, June 22, 1989
- "Botulinum Toxin for Ophthalmology, Adjustable Sutures, and Childhood Nystagmus," 1989 Ophthalmology Update, University of Mississippi School of Medicine, Jackson, Mississippi, July 29, 1989
- "Cryotherapy for Retinopathy of Prematurity," Second International Symposium on the Retinal Circulation, Johns Hopkins University, Baltimore, Maryland, September 26, 1989

- "Nystagmus," Pediatric Ophthalmology Symposium, Greater Baltimore Medical Center, Baltimore, Maryland, October 3, 1989
- "Nystagmus in Childhood" and "Retinopathy of Prematurity," Pediatric Ophthalmology for the Ophthalmologist and Pediatrician, Centennial Program of the Children's Hospital of Pittsburgh, March 17, 1990
- "Retinopathy of Prematurity," The Spectrum of Developmental Disabilities XII: Prematurity: Neurodevelopmental Assessment and Intervention Issues, Johns Hopkins Medical Institutions, March 20, 1990
- "Retinopathy of Prematurity," The New Technologies and Therapies in Perinatal Care, Maryland Chapter of the American Academy of Pediatrics, March 24, 1990
- Visiting Professor, Department of Ophthalmology, Wayne State University, May, 1991
- Visiting Professor, Department of Ophthalmology, Albany Medical College, February, 1991
- Visiting Professor, Beth Israel Medical Center, New York, September 23, 1992
- Visiting Lecturer, Advanced Strabismus Management, Jules Stein Eye Institute, April 16, 1993
- Visiting Professor, University of Michigan, Ann Arbor, May 21-22, 1993.
- Visiting Professor, Mt. Sinai School of Medicine, New York, February 8-9, 1994
- Visiting Professor, Washington University School of Medicine, March 24, 1994
- Visiting Professor, Wake Forest University School of Medicine, November 18 and 19, 1994
- Visiting Professor, Université de Montréal, Montréal, Québec, January 1995
- Visiting Professor, Georgetown University, Washington, D.C., January 18, 1995
- McFarland Symposium, Association for Education and Rehabilitation of the Blind and Visually Impaired, Alexandria, VA, June 9, 1995
- Invited Speaker, Maryland State Steering Committee's Fall Conference for Programs of the Visually Impaired, Bowie, Maryland, November 15, 1995
- Visiting Professor, University of Iowa, Iowa City, Iowa, March 7, 1997
- Invited Speaker, Royal Australian College of Ophthalmologists' Annual Scientific Meeting, Sydney, Australia, November 1997
- Invited Speaker, International Pediatric Ophthalmology and Strabismus Congress, Montreal, Quebec, Canada, September 1997
- Invited Speaker, Pittsburgh Ophthalmological Society and the Pennsylvania Academy of Ophthalmology and Otolaryngology, March 1998
- Invited Speaker, Indianapolis Ophthalmological Society, January 12, 1999 and Grand Rounds Department of Ophthalmology, Indiana University, January 13, 1999
- Visiting Professor, University of Medicine & Dentistry of New Jersey, Newark, New Jersey, January 22, 2001
- Visiting Speaker, Fourth Annual Schupf Invitational Symposium, Lighthouse International, New York, New York, April 6, 2001
- Visiting Professor, Saint Louis University, Saint Louis, Missouri, April 19, 2001

Speaker, Saint Louis Ophthalmological Society, Saint Louis, Missouri, April 19, 2001

Visiting Professor, Mater Hospital, Dublin, Ireland, September 20-21, 2001

Visiting Speaker, Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, October 18, 2001

Guest of Honor, New England Ophthalmological Society, Boston, Massachusetts, October 19, 2001

Robb-Peterson Lecturer, Children's Hospital, Boston, Massachusetts, October 20, 2001

Invited Guest Speaker, Congress of the Portuguese Ophthalmological Society, Porto, Portugal, November 29 - December 2, 2001

Speaker, Pittsburgh Ophthalmological Society, Pittsburgh, Pennsylvania, February 7, 2002

Invited Speaker, Pediatric Ophthalmology and Strabismus in the New Millennium, UCLA, Los Angeles, California, March 2, 2002

Chairman's Guest Speaker, Duke University Eye Center, Durham, North Carolina, March 11, 2002

Invited Symposium Chair, XXIV International Congress of Ophthalmology, Sydney, Australia, 21-25 April 2002

"APOS" Guest Lecturer, Atlantic Provinces Ophthalmological Society, Prince Edward Island, Canada, May 24-25, 2002.

Grand Rounds Speaker, University of California at San Francisco, San Francisco, California, May 30, 2002.

Invited Speaker, Iowa Eye Association, Iowa City, Iowa, June 13-15, 2002

Invited Speaker, Wills Eye Hospital, November 1, 2002

Invited Speaker, Columbia University, November 14, 2002

Invited Speaker, Cleveland Eye Society, February 11, 2003

Invited Speaker, 129th Anniversary Meeting, Scheie Eye Institute, May 30-31, 2003, Philadelphia, Pennsylvania

Invited Speaker, Ophthalmology Update 2003, University of Mississippi, August 22-23, 2003, Jackson, Mississippi

Invited Speaker, Pediatric Ophthalmology, Greater Baltimore Medical Center, October 31, 2003 Baltimore, Maryland

Invited Speaker, Walter Reed Army Medical Center Biennial Meeting, March 23, 2004, Bethesda, Maryland

Grand Rounds, Penn State University, Department of Ophthalmology, Hershey, Pennsylvania, April 21, 2004

Invited Speaker, The Spectrum of Developmental Disabilities, Kennedy-Krieger Institute, Baltimore, MD, April 5, 2005.

Invited Guest Speaker, New South Wales State Branch Annual Scientific Program, The Royal Australian and New Zealand College of Ophthalmologists, Sydney, Australia, April 8-9, 2005.

Invited Guest Speaker, 2005 Annual Meeting of the American Association of Public Health Dentistry and Association of State and Territorial Dental Directors, Pittsburgh, Pennsylvania, May 3, 2005.

Invited Speaker, Houston Ophthalmological Society, University of Texas – Houston, and Baylor Department of Ophthalmology, Houston, Texas, November 10-11, 2005

Invited Speaker, National Eye Institute, Bethesda, Maryland, January 25, 2006

Invited Speaker, Children's Hospital of Detroit, Detroit, Michigan, May 5, 2006.

Faculty, Pediatric Trends, Johns Hopkins University, Baltimore, Maryland, April 16, 2007.

Invited Speaker, Congressional Briefing on Children's Vision Research, Rayburn House Office Building, June 29, 2007.

Invited Speaker, Michigan Eye Society, Mackinaw, Michigan, July 2007

Twenty-third Roger H. Johnson, MD Lectureship, Children's Hospital and Regional Medical Center, Seattle, Washington, September 20, 2007.

Marshall M. Parks Memorial Lecture, American Academy of Ophthalmology Annual Meeting, November 12, 2007

Robert Letson Lectureship, University of Minnesota, Minneapolis, Minnesota, January 10 - 11, 2008

Grand Rounds Speaker, University of California at San Francisco, San Francisco, California, February 21, 2008.

Grand Rounds Speaker, University of Medicine and Dentistry of New Jersey, Newark, New Jersey, April 22, 2008.

Queen's Ophthalmology Lecture, Queen's University, Kingston, Ontario, Canada, May 9-10, 2008

Invited Speaker, JIA-associated Uveitis Symposium, September 21, 2008, New York, New York

Invited Speaker, Pediatric Neuro-Ophthalmology, Children's Hospital of Philadelphia, October 18, 2008, Philadelphia, Pennsylvania

Invited Speaker, University of California, San Diego, May 19, 2009

Keynote speaker, Royal Australia and New Zealand College of Ophthalmology Strabismus Meeting, Sydney, Australia, March 4-6, 2010

Invited Speaker, Utah Ophthalmological Society, Salt Lake City, Utah, March 11, 2010

Keynote Speaker, Department of Ophthalmology, University of Utah, Salt Lake City, Utah, March 12, 2010

Visiting Professor, Yale Eye Center Clinical Conference Series, New Haven, Connecticut, March 25-26, 2010

Visiting Professor, University of California Davis Eye Center, Sacramento, California, May 21, 2010

Invited Speaker, 42nd Sally Letson Symposium, University of Ottawa, Ottawa, Canada, September 30 – October 2, 2010

Invited Speaker, SUNY Downstate Current Concepts in Ophthalmology, January 7, 2011

Arthur J. Bedell, MD Lectureship, Wills Eye Ex-Residents Annual Meeting, Philadelphia, Pennsylvania, March 11, 2011

Invited Speaker, Washington DC Eye Society, March 15, 2011

Invited Speaker, **Mary L. Hayleck, MD Memorial Lecture**, Union Memorial Hospital, Baltimore, Maryland, May 7, 2011

Invited Speaker, Societas Ophthalmologica Europaea, Geneva, Switzerland, June 5, 2011

Invited Speaker, Connecticut Society of Eye Physicians and Surgeons, Farmington, Connecticut, June 10, 2011

Invited Speaker, Jules Stein Eye Institute, Los Angeles, California, January 11, 2012

Frank D. Costenbader, MD, Lecture, American Association for Pediatric Ophthalmology and Strabismus, San Antonio, Texas, March 26, 2012.

Grand Rounds and Visiting Professor, Mount Sinai School of Medicine, New York, New York, April 6, 2012.

Invited Speaker, XXXIV Inter-American Course in Clinical Ophthalmology, Miami, Florida, November 20, 2012

Invited Speaker, Joul 2013, Quebec City, Canada, February 7-8, 2013.

Invited Speaker, Boston University Department of Ophthalmology, Boston, Massachusetts, April 26, 2013

Speaker, European Strabismological Association Annual Meeting, Marseille, France, September 4-5, 2013

Invited Speaker, 14th Annual International Pediatric Ophthalmology and Strabismus Meeting, Dublin, Ireland, September 11-12, 2013

Claud Alley Worth Medal Lecturer, BIPOSA (British Isles Pediatric Ophthalmology Strabismus Association), Manchester, United Kingdom, October 2-4, 2013

11th Annual American Eye Study Club Foundation Lecture; **The Jerry and Donna Knauer Lecture**
“Ophthalmology and Health Care Reform: Status in Mid-2014,” Vail, Colorado, July 25, 2014

28th Angeline M. Parks Lecture, Unexpected Findings in Amblyopia Therapy, Children’s National Medical Center, Washington, DC, March 6, 2015.

Knights Templar Visiting Professor, Emory University Department of Ophthalmology, Atlanta, GA, May 8, 2015

Invited Symposium Speaker on Health Care Reform, 151st Meeting of the American Ophthalmological Society, Newport, Rhode Island, May 16, 2015

Stanley M. Truhlsen, MD Lecture, 22nd Annual Gifford-Truhlsen Conference, Current Concepts in Ophthalmology and Visual Sciences, University of Nebraska, May 29, 2015.

Funded Studies:

Co-Investigator, Prism Adaptation Trial
National Eye Institute EY05334
January 1, 1985 - December 31, 1989

Co-Investigator, The Use of Botulinum Toxin A for
Strabismus and Facial Spasms
1985 - 1991

Co-Investigator, Cryotherapy for Retinopathy of Prematurity
National Eye Institute EY06322
January 1, 1986 - May 30, 1989

Co-Investigator, Optic Neuritis Treatment Trial, National Eye Institute
March 1988 - 1994

Principal Investigator, CRYO-ROP Follow-up Clinical Center, National Eye Institute EY08221
June 1, 1989 - May 30, 2003

Long-term Prednisone Treatment of Cystic Fibrosis. Dr. Beryl Rosenstein, Principal Investigator and Study
Chairman
June 1986 - 1991

Chairman, Co-Chairman (1997-2009), Past-Chairman (2009 – present), Pediatric Disease Investigator Group. Executive Committee for Clinical Trials in Pediatric Ophthalmology and Strabismus (26% - NIH EY11751), April 1997 – Present
Co-investigator - Initial study - Amblyopia Treatment Studies (ATS), National Eye Institute, 10/98, NIH EY1235
This group has conducted or initiated > 20 clinical multicenter randomized or observational studies.

Steering Committee, Multicenter Trial for the Early Surgical Correction of Congenital Esotropia (ESCET), National Eye Institute, awarded June 1, 1997. Name changed to Congenital Esotropia Observation Study (CEOS) – September 1997

Principal Investigator, Baltimore Center R, Early Treatment of Retinopathy of Prematurity, 6/1/00 through 5/31/08, NIH EY12471

Co-Investigator, Baltimore Pediatric Eye Disease Survey, National Eye Institute, 2/1/2002 – 9/30/08, NIH EY14483

JHH Principal Investigator, Telemedicine Approaches to Evaluating Acute Phase ROP – eROP. EY017014, July 1, 2010 to June 30, 2015.
Steering Committee - 2011

Peer Reviewed Original Research Publications:

1. **Repka, Michael X.**, Savino, Peter J., Schatz, Norman, J., Sergott, Robert C.: Clinical Profile and Long-term Implications of Anterior Ischemic Optic Neuropathy. *American Journal of Ophthalmology* 96:478-483, 1983.
2. **Repka, Michael X.**, Miller, Neil R., Penix, Jerry O., Trant, John, III: Muslin Induced Inflammatory Optic Neuropathy. *Journal of Clinical Neuro-Ophthalmology* 4:147-150, 1984.
3. **Repka, Michael X.**, Miller, Neil R., Savino, Peter J.: Pseudotumor Cerebri. *American Journal of Ophthalmology* 98:741-746, 1984.
4. Beck, Roy W., Savino, Peter J., **Repka, Michael X.**, Schatz, Norman J., Sergott, Robert C.: Optic Disc Structure in Anterior Ischemic Optic Neuropathy. *Ophthalmology* 91:1334-1337, 1984.
5. **Repka, Michael X.**, Miller, Neil R.: Papilledema and Sinus Obstruction. *Journal of Clinical Neuro-Ophthalmology* 4:247-250, 1984.
6. Shields, Jerry A., **Repka, Michael X.**, Stechschulte, John, Augsburger, James A.: Acquired Granuloma of the Conjunctiva. *American Journal of Ophthalmology* 99:598-599, 1985.
7. **Repka, Michael X.**, Kelman, Shalom, Guyton, David L.: Prism Measurement of Incomitant Strabismus. *Binocular Vision* 1:45-49, 1985.
8. **Repka, Michael X.**, Gallin, Pamela F., Scholz, Richard T., Guyton, David L.: Determination of Optical Penalization by Vectographic Fixation Reversal. *Ophthalmology* 92:1584-6, 1985.
9. **Repka, Michael X.**, Uozato, Hiroshi, and Guyton, David L.: Depth Distortion during Slit Lamp Biomicroscopy. *Ophthalmology* 93 September Supplement, 47-51, 1986.
10. Mallette, Robert A., **Repka, Michael X.**, Guyton, David L.: Superior Rectus Recession for Dissociated Vertical Deviation. *Binocular Vision* 1987;2:209-215.
11. Wisnicki, H. Jay, **Repka, Michael X.**, Guyton, David L.: Reoperation Rate in Adjustable Strabismus Surgery. *Journal of Pediatric Ophthalmology & Strabismus* 25:112-114, 1988.
12. **Repka, Michael X.**, Guyton, David L.: A Comparison of Hang-back Medial Rectus Recession with Conventional Recession. *Ophthalmology* 95:782-787, 1988.
13. Miller, Kevin M., Wisnicki, H. Jay, Buchman, James P., Riley, Marcia J, **Repka, Michael X.**, Taylor, Hugh R., Guyton, David L.: The Wilmer Information System: A Classification and Retrieval System for Information on Diagnosis and Therapy in Ophthalmology. *Ophthalmology* 95:403-409, 1988.
14. **Repka, Michael X.**, Miller, Neil R.: Optic Atrophy in Childhood. *American Journal of Ophthalmology* 1988; 106:191-193.
15. **Repka, Michael X.**, Miller Neil R., Miller, Marijean: Visual Outcome after Surgical Treatment of Craniopharyngiomas. *Ophthalmology* 1989; 96:195-199.
16. **Repka, Michael X.**, Wellish, Kent, Wisnicki, H. Jay, Guyton, David L.: Lack of Emmetropization in Spectacle Treated Patients with Accommodative Esotropia. *Binocular Vision* 4:15-21, 1989.
17. **Repka, Michael X.**, Quigley, Harry A.: The Effect of Age on Normal Human Optic Nerve Fiber Number and Diameter. *Ophthalmology* 1989; 96:26-31.
18. Capo, Hilda, **Repka, Michael X.**, Guyton, David L.: Hang-back Lateral Rectus Recessions for Exotropia. *Journal of Pediatric Ophthalmology & Strabismus* 1989; 26:31-34.

19. Ksiazek, Susan M., **Repka, Michael X.**, Maguire, Albert, Harbour, Robert, Savino, Peter J., Miller, Neil R., Sergott, Robert C., Bosley, Thomas M.: Divisional Oculomotor Nerve Paresis Caused by Intrinsic Brainstem Disease. *Annals of Neurology*. 1989; 26:714-718.
20. Fishman, Peggy, **Repka, Michael X.**, D'Anna, Salvatore, Green, W. Richard, Guyton, David L.: Anterior Segment Ischemia: The Role of the Conjunctival Circulation. *Ophthalmology* 1990;97:456-461.
21. **Repka, Michael X.**, Fishman, Peggy H., Guyton, David L.: The Site of Reattachment of the Extraocular Muscle Following Hang-Back Recession. *Journal of Pediatric Ophthalmology & Strabismus*, 1990;27(3):286-290.
22. Cryotherapy for Retinopathy of Prematurity Cooperative Group: Multicenter Trial of Cryotherapy for Retinopathy of Prematurity: One-year outcome - Structure and Function. *Archives Ophthalmology* 1990;108:1408-1416. (**Repka, Michael X.** writing committee member)
23. **Repka, Michael X.**, Wentworth, Deborah N, and the Prism Adaptation Study Group: Predictors of Prism Response During Prism Adaptation. *Journal of Pediatric Ophthalmology & Strabismus* 1991; 28(4):202-205.
24. Sanders, Marilyn, Allen, Marilee, Alexander, Greg R., Yankowitz, Jerome, Graeber, Janet, Johnson, Timothy R. B., **Repka, Michael X.**: Gestational Age Assessment in Preterm Infants Weighing Less Than 1500 grams. *Pediatrics* 1991; 88:542-552.
25. **Repka, Michael X.**, Arnoldi, Kyle A.: Lateral Incomitance in Exotropia: Fact or Artifact? *Journal of Pediatric Ophthalmology & Strabismus* 1991;28:125-128.
26. Pacheco, Elba M., Guyton, David L., **Repka, Michael X.**: Changes in Eyelid Position Accompanying Vertical Rectus Muscle Surgery and Prevention of Lower Lid Retraction With Adjustable Surgery. *Journal of Pediatric Ophthalmology & Strabismus* 1992;29:265-272.
27. Tusa, Ronald J., **Repka, Michael X.**, Smith, Carloyn B., Herdman SJ: Early Visual Deprivation in Monkeys Results in Persistent Nystagmus and Strabismus. *Investigative Ophthalmology & Visual Science*. 1991;32:134-141.
28. **Repka, Michael X.**: Followup and Pathology on Experimental "Hang-Back" Suspension-Recession Surgery. *Binocular Vision Quarterly* 1990; 5:177-178.
29. **Repka, Michael X.**, Bressler, Neil R., D'Anna, Salvatore. A Primate Model of Macular Cyst. *Ophthalmology* 1991;98:535-540.
30. Quinn, Graham E., Dobson, Velma, **Repka, Michael X.**, et.al. Development of Myopia in Infants with Birth Weights Less Than 1251g. *Ophthalmology* 1992;99:329-340.
31. **Repka, Michael X.**, Hudak, Mark L., Parsa, Cameron F., Tielsch, James M. Calf Lung Surfactant Extract Prophylaxis and Retinopathy of Prematurity. *Ophthalmology* 1992;99(3):531-536.
32. Brown, D. Randolph, Pacheco, Elba M., **Repka, Michael X.**: Recovery of Extraocular Muscle Function After Adjustable Suture Strabismus Surgery Under Local Anesthesia. *Journal of Pediatric Ophthalmology & Strabismus* 1992;29(1):16-20.
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