

Chisa Yamada, M.D.

CURRENT APPOINTMENT

Assistant Professor of Medicine
University of Michigan Medical School, Ann Arbor, Michigan

Assistant Medical Director, Transfusion Medicine/Pathology
University of Michigan Health System, Ann Arbor, Michigan

EDUCATION AND TRAINING

- 7 / 2006 – 6 / 2007 Fellow Physician, Blood Bank/Transfusion Medicine
The Johns Hopkins Medical Institutions, Baltimore, MD
- 7 / 2002 – 6 / 2006 Resident Physician, Anatomic and Clinical Pathology
Montefiore Medical Center / Albert Einstein College of Medicine
Bronx, NY
- 7 / 1999 - 2 / 2001 Research Fellow, Department of Oncology
Loyola University Medical Center, Chicago, IL
- 5 / 1988 – 4 / 1992 Fellow, Department of Ophthalmology
Keio University, Tokyo, Shizuoka Red Cross Hospital, and
Yokohama Municipal Citizens' Hospital
- 4 / 1986 – 4 / 1988 Resident Physician, Department of Ophthalmology
Keio University, Tokyo
- 4 / 1980 – 3 / 1986 Tokyo Women's Medical University
Doctorate of Medicine received March, 1986

PROFESSIONAL EXPERIENCE

- 7 / 2009 – current Assistant Professor of Medicine
University of Michigan Medical School
Assistant Medical Director, Transfusion Medicine/Pathology
University of Michigan Health System
Ann Arbor, MI, USA
- 7 / 2008 – 6 / 2009 Assistant Professor of Medicine
University of California Irvine School of Medicine
Associate Medical Director, Transfusion Medicine/Pathology
University of California Irvine Medical Center
Orange, CA, USA

- 7 / 2007 – 6 / 2008 Clinical Assistant, Transfusion Medicine/Pathology
 Johns Hopkins School of Medicine
 Active Staff, Transfusion Medicine/Pathology
 Johns Hopkins Medical Center
 Baltimore, MD, USA
- 1 / 1994 – 7 / 1998 Chair person, Department of Ophthalmology
 Nippon Kokan Hospital, Kawasaki, Japan
- 5 / 1992 – 12 / 1993 Attending Physician, Department of Ophthalmology
 Yokohama Municipal Citizens' Hospital, Yokohama, Japan

LICENSURE AND CERTIFICATION

- 5 / 2009 Michigan Medical Licensure #4301094113, active
 5 / 2009 Michigan Controlled Substance #5315040405, active
 9 / 2008 Diplomate of The American Board of Pathology in Blood Banking
 / Transfusion Medicine
- 6 / 2008 California Medical Licensure #A104617, inactive
 11/2007 Diplomate of The American Board of Pathology in
 Clinical Pathology
- 7 / 2007 DEA #FY0363034, active
 7 / 2007 Maryland Controlled Dangerous Substance #M63491, inactive
 6 / 2007 Maryland Medical Licensure #D66241, inactive
 1 / 2006 Connecticut Medical Licensure #044003, inactive
 2 / 2002 ECFMG certification for medicine
 (USMLE step1 - 9/24/01, step2 - 6/4/01, step3 - 5/9/02)
- 10 / 1995 Diplomate of The Japanese Board of Ophthalmology (Japan)
 6 / 1986 Medical Licensure (Japan), active
 3 / 1986 Medical Degree (Japan)

VOLUNTEER EXPERIENCE

- 2 / 2008 – current Research Associate
 Northern Neurosciences, Inc.
 - <http://www.northern-neurosciences.com/>
- 2 / 1999 - 6 / 1999 Research assistant, Department of Oncology
 Loyola University Medical Center, Chicago, IL
- 7 / 1984 - 8 / 1984 Medical Assistant
 JDA Summer Camp for Diabetic Children, Tokyo
 - taught children in diabetes management for Japanese
 Diabetic Association

- 6 / 1980 - 8 / 1980 Tutor
Tokyo Women's Medical College
- assisted with high-school students' preparation for medical matriculation examination
- 6 / 1979 - 8 / 1979 Clinical Assistant
Keio University, Tokyo
- measured vital signs and collected demographic information on patients for daily medicine clinic

PUBLICATIONS

Articles:

Yamada C, Heitmiller ES, Ness PM, King KE. Reduction in potassium concentration of stored red cell units using a resin filter. *Transfusion* 2010; 50(9):1926-1933

Yamada C, Serrano-Rahman L, Vasovic L, Mohandas K, Uehlinger J. Antibody identification using both automated solid-phase red cell adherence assay and a tube polyethylene glycol antiglobulin method. *Transfusion* 2008; 48(8):1693-1698

Yamada C, King KE, Ness PM. Autologous serum eye drops: literature review and implications for transfusion medicine specialists. *Transfusion* 2008, 48(6):1245-1255.

Borsody MK, **Yamada C**. Effects of the search technique on the measurement of the change in the quality of randomized controlled trials over time in the field of brain injury. *Medical Research Methodology* 2005, 5:7 doi: 10.1189/1471-2288-5-7

Yamada C. Clinical effects of sodium cromoglicate-combined drug (FY-1011) on allergic conjunctivitis. *Rinsho Iyaku* 1995; 11:2257-2265.

Yamada C, Matsuda H, Mashima Y, Oguchi Y. Clinical Application of Visual Evoked Potentials. *Rinsho Ganka* 1988; 42:572-573.

Book:

Chemistry and Biochemistry of Oxygen Therapeutics: From Transfusion to Artificial Blood, in progress

John Wiley & Sons, Ltd. West Sussex, England

- Co-writer: chapter "red cell compatibility"

Comprehensive Neurology Board Review

Thieme Medical Publishers, Inc. New York, 11/6/2006

- Editor for Pathology: responsible for obtaining and preparing greater than 50 pathology figures and for preparing pathology-related sections of text

Abstracts:

C Yamada, M Kamoun, AB Eisenbrey, RD Davenport. Correlation Between Mean Fluorescence Intensity of Donor Specific Antibodies and Mean Channel Shift of Flow Cytometric Crossmatch in Renal Transplantation. (poster) *Transfusion* 2010;50(2S)(Suppl);218A

R Butler, RW Ike, RD Davenport, **C Yamada**. Psoriatic Spondyloarthropathy: Response to Plasmapheresis. (poster) *Transfusion* 2010;50(2S)(Suppl);84A

H Armelagos, L Cooling, S Hoffmann, **C Yamada**, RD Davenport. A Randomized Crossover Trial of High and Low Inlet Flow Rates on Autologous Peripheral Blood Progenitor Cell Collection. (poster) *Transfusion* 2010;50(2S)(Suppl);217A

Shirey RS, Cai W, Chhibber V, Montgomery R, **Yamada C**, King KE. Streamlining ABO Antibody Titers For Monitoring ABO incompatible Kidney Transplants. (poster) *Transfusion* 2008;48(Suppl);141A

Yamada C, Ness PM, Barrasso C, Heitmiller ES, Gerhardt GA, King KE. Reduction In Potassium Concentration Of Stored Red Cell Units Using A Resin Filter. (oral presentation) *Transfusion* 2007;47(Suppl);35A

Yamada C, Lucas DP, King KE, Jackson AM, Leffell MS, Zachary AA. The Effect Of Desensitization Treatments On Cellular Immune Function Measured By Levels Of ATP And Soluble CD30. (poster) *Transfusion* 2007;47(suppl);52A

Bergner ZH, Shirey RS, Barrasso C, **Yamada C**, Ness PM, King KE. With Automated Antibody Screening and Identification By Solid Phase Red Cell Adherence Assay: An Algorithm For Resolving Inconclusive Results. (poster) *Transfusion* 2007;47(suppl);171A

Shirey RS, **Yamada C**, Ness PM, King KE. Drug-induced Immune Hemolytic Anemia Imitating A Severe Delayed Hemolytic Transfusion Reaction. (poster) *Transfusion* 2007;47(suppl);182A

Yamada C, Serrano-Rahman L, Vasovic L, Mohandas K, Uehlinger J. Antibody Identification Strategy Using Both Automated Solid-Phase Red Cell Adherence Assay (SPRCA) And Tube Polyethylene Glycol (PEG) Antiglobulin Methods. (poster) *Transfusion* 2006; 46(suppl);149A

Yamada C, Brandt LJ, Kaleya RN, Ochoa ER. Case report: late-onset Crohn's disease with chronic ischemic colitis. (poster) *Archives of Pathology and Laboratory Medicine* 2005;130:2:256

Yamada C, Borsody MK. Factors associated with the quality in randomized controlled trials examining brain injury. (poster) *Fourth International Congress on Peer Review in Biomedical Literature*, 2001 September 14, Barcelona, Spain

Yamada C, Utsumi G. The effect of secondary implantation of intraocular lens on corneal endothelial cells. (oral presentation) *Kanagawa Ganka Ikai* 1995, Japan

Yamada C, Matsuda H, Mashima Y, Oguchi Y. Clinical Application of Visual Evoked Potentials. *Rinsho Ganka Gakkai* 1987, Japan

INVITED TALK

11 /20/ 2008 Plasmapheresis support for ABO incompatible kidney transplantation
Department of Pathology
University of Michigan

9 / 25 / 2008 Plasmapheresis support for ABO incompatible kidney transplantation
Scientific and Clinical Advances Lecture Series
University of California Irvine

9 / 11 / 2008 Positive crossmatch kidney transplantation
Division of transplantation/Department of Surgery
University of California Irvine

8 / 28 / 2008 ABO incompatible kidney transplantation
Division of transplantation/Department of Surgery
University of California Irvine

12 /14/ 2007 Plasmapheresis support for ABO incompatible kidney transplantation
Department of Pathology
University of California Irvine

ORAL PRESENTATIONS

MABB Annual Meeting

9 / 16 / 2010 Clinical Case Studies: Psoriatic Spondyloarthropathy: Response to Plasmapheresis.

AABB Annual Meeting

10 / 23 / 2007 Reduction in potassium concentration of stored red cell units using a resin filter

University of Michigan:

4 / 5 / 2011 Plasmapheresis for transplantations at University of Michigan

3 / 30 / 2010 Plasmapheresis support for kidney transplantation

Johns Hopkins Medical Institutions:

5 / 9 / 2008 Transfusion reactions

6 / 5 / 2007 Transfusion reactions

- 6 / 5 / 2007 Reduction in potassium concentration of stored red cell units using a resin filter
- 5 /30/ 2007 Hemolytic disease of the fetus and newborn (HDFN)

Montefiore Medical Center:

- 8 / 3 / 2005 Case presentation – Hemolytic disease of the newborn
- 3 / 28 / 2005 Macroprolactin in hyperprolactinemia
- 12 / 15 / 2004 Case presentation – Granulocytic Sarcoma
- 9 / 15 / 2004 Flow cytometry-cytogenetics correlation conference- case of Chronic Lymphocytic Leukemia with ASS gene deletion, case of Acute Myelocytic Leukemia with chromosome 16 involvement
- 6 / 16 / 2004 Flow cytometry-cytogenetics correlation conference- case of Chronic Lymphocytic Leukemia with atypical cytogenetics expression, case of biphenotypic acute leukemia
- 1 / 21 / 2004 Case of sepsis – Pasteurella pneumotropica
- 12 / 17 / 2003 Lecture – Dimorphic fungi
- 7 / 22 / 2003 Case presentation – Renal dysplasia
- 3 / 31 / 2003 Case presentation – Appendiceal adenocarcinoid tumor
- 1 / 14 / 2003 Autopsy case presentation – Tubercle Bacillus Meningitis
- 12 / 30 / 2002 Case presentation – Crohn’s disease

OTHER ACADEMIC ACTIVITIES

- 2011 MABB Annual Meeting Program Coordinator
- 2010 AABB Annual Meeting: Director/Moderator
Impact of HLA Antibody Detection Methodology on
Plasmapheresis in Organ Transplantation
- 2010 MABB Annual Meeting Program Coordinator

AWARD

- 2007 Outstanding Poster Award: 60th annual AABB meeting

TEACHING

- 2009-current Teaching for pathology residents, medical students and medical technologists, daily lecture, University of Michigan
- 2008-2009 Teaching for pathology residents, daily lecture, University of California, Irvine

- 2007-2008 Teaching for pathology residents, daily lecture, The Johns Hopkins Medical Institutions
- 2006 Assistant lecturer, second year Pathology course, The Johns Hopkins University School of Medicine
- 2002-2005 First and second year Pathology courses, Albert Einstein College of Medicine

PROFESSIONAL SOCIETIES

AABB (former American Association of Blood Banks)

American Society for Apheresis (ASFA)

Michigan Association of Blood Banks (MABB)

American Society for Clinical Pathology (ASCP)

College of American Pathologists (CAP)

LANGUAGES

Japanese (native language)

English: fluent in reading, writing, speaking, and comprehension

- Studied eight years in high school and medical school
- Certificate of English as a Second Language from Loyola University Chicago; received 12 / 1998
- Test of English as a Foreign Language (TOEFL), score 247 of 300; completed 9 / 2000

German: comprehension of written German

- Studied two years in medical school

Chinese: comprehension of written Chinese