

CURRICULUM VITAE

DATE: September 29 , 2017

NAME: Ranie Koshiy, MD

PRESENT TITLE: Associate Professor, Department of Pathology and Laboratory Medicine
New Jersey Medical School, Rutgers, The State University of NJ
Medical Director, Transfusion Medicine Services,
University Hospital, Newark, NJ

OFFICE ADDRESS: University Hospital, C104B 150 Bergen Street, Newark, NJ 07103

TELEPHONE NUMBER/E-MAIL ADDRESS: 973-972-5231/KOSHYR1@NJMS.RUTGERS.EDU

EDUCATION:

- A. Undergraduate Graduate and Professional
Pre University Course, St. Philomena's College
Mysore, India. 1961-1963

Pre Professional Course, Mysore Medical College
India 1963-1964

- A. Graduate and Professional
Mysore and Bangalore Medical College, Bangalore University
Karnataka, India
MBBS 1964-1969

POSTGRADUATE TRAINING:

- A. Internship and Residencies
Rotating Internship
Combined Hospitals Bangalore Medical College, Bangalore, India.
October 1969- September 1970

Obstetrics and Gynecology
St. Martha's Hospital, Bangalore, India
House officer
October 1970-September 1971

Anesthesiology
St. Martha's Hospital, Bangalore, India
House officer
October 1971- September 1972

Rotating Internship
Northeastern Hospital, Philadelphia

July 1973- June 1974

Anatomic & Clinical Pathology
Atlantic City Medical Center, New Jersey
Residency
July 1975-June 1979

B. Research Fellowships
Transfusion Medicine Blood Banking
University of Medicine & Dentistry, New Jersey
Fellowship
July 1981-June 1982

C. Postdoctoral Appointments
NA

MILITARY: NONE

ACADEMIC APPOINTMENTS:

Associate Professor and Director, Transfusion Medicine Services
Department of Pathology and Laboratory Medicine
New Jersey Medical School, Newark, NJ at Rutgers, The State University of NJ
July 1, 2009 to present

Interim Director of Clinical Pathology, Director of Point of Care Testing (POCT) and Co Director
Department of Pathology and Laboratory Medicine, Immunology/Serology
New Jersey Medical School, UMDNJ, Newark, NJ
December 2008- January 2010.

Assistant Professor and Director of Blood Bank and Transfusion Medicine Services
Department of Pathology and Laboratory Medicine.
New Jersey Medical School, UMDNJ, Newark, NJ.
January 2001 to June 30, 2009.

HOSPITAL APPOINTMENTS: *(If applicable)*

Department of Pathology and Laboratory Medicine
New Jersey Medical School, Rutgers University, Newark, NJ
January 2001-present

Department of Pathology and Laboratory Medicine
Atlantic City Medical Center, Atlantic City, New Jersey. Medical Director
Blood Bank and Transfusion Medicine Services
May 1999-September 2000

Department of Pathology and Laboratory Services
Memorial Hospital at Mount Holly, New Jersey

Consultant Transfusion Medicine Services
January 1999-December 1999

Glen Gardner Geriatric Center
Glen Gardner, NJ
Staff Physician
August 1982-November 1982

Vineland State School Hospital
Vineland, NJ.
Staff Physician
August 1979- June 1981

OTHER EMPLOYMENT OR MAJOR VISITING APPOINTMENTS:

Medical Director, NJ Blood Services, New York Blood Center. January 2000- January 2001

Medical Director, Blood Bank/Transfusion Medicine, Atlantic City Medical Center, New Jersey,
May 1999-September 2000

Medical Director, Blood Bank/Transfusion Medicine, Memorial Hospital, Mount Holly, NJ.
January 1999-April 1999

Consultant, Transfusion Medicine, September 1997-December 1998

- St. Mary's hospital, Passaic, NJ.
- LifeBank, cord blood services.
- Memorial Hospital at Mount Holly, NJ.

President and CEO, Blood Center of NJ, East Orange, NJ. July, 1994-August, 1997

Medical Director, Blood Center of NJ, East Orange, NJ. July, 1989-June, 1994

Medical Director, American Red Cross, Fort Wayne Region, Indiana. January 1983-June, 1989

Staff Physician, Glen Gardner Geriatric Hospital, Glen Gardner. August 1982-November 1982

- General practice in medicine

Staff Physician, Vineland State School Hospital, Vineland, NJ. September 1979-June 1981

- General practice in Medicine

PRIVATE PRACTICE: NA

LICENSURE:

A. NJ Medical License No. MA33963 Expiration Date: 6-30-2018

B. Other State Medical Licenses

1. New Jersey Lab Director: MF 00608. Active
2. New York: 1209960-1. Active
3. New York: Laboratory Director: Blood Banking, Comprehensive, Immunohematology and Transfusion Medicine. CQ Code: KOSHYR1. Active
4. Maryland: D20187. Inactive
5. Pennsylvania: MD-038765-L. Inactive

6. Indiana: 32224. Inactive

DRUG LICENSURE: N.J. CDS D05851400 Expiration Date 10-31-2017
N.J. DEA BK3459371 Expiration Date 12-31-2009

CERTIFICATION: Anatomic & Clinical Pathology, American Board of Pathology November 1982
Blood Banking/Transfusion Medicine, American Board of Pathology May 1984

MEMBERSHIPS, OFFICES AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES:

Chair, Hospital Committee, NJ Association of Blood Bank Professionals 2013-2015
Chair, Education Committee, NJ Association of Blood Bank Professionals, 2011-2012
Member of the Board, NJ Blood Bank Professional Society 2003-2015
Member of Ethics Committee, American Association of Blood Banks 2008- 2009
Member, ASCC, American Association of Blood Banks 2007- 2008
New Jersey Blood Bank Task Force, NJBBTF, Chair, NJ State Inspection Issues Committee, Blood Bank Task Force of NJ. 2006 November-April 2007
Administrative Think Tank Committee, American Association of Blood Banks. 2003-2004
Annual program committee for education, NJ Blood Bank Professionals. 2004-2015
Scientific, Medical and Technical Advisory Committee, Americas Blood Centers, 1992-1997
Education Committee, Americas Blood Centers, 1993-1996
Donor Recruitment, Americas Blood Centers, 1996
New Jersey Blood Bank Task Force, 1989-1997
Steering Committee to amend NJ Blood Safety Act, 1994

HONORS AND AWARDS: NONE

BOARDS OF DIRECTORS/TRUSTEES POSITIONS:

- New Jersey Blood Bank Professionals, Member of the Board, January 2004 to May 2015
- President/CEO and Member of Board of Trustees, The Blood Center of New Jersey. July 1994- July 1997

SERVICE ON NATIONAL GRANT REVIEW PANELS, STUDY SECTIONS, COMMITTEES:

- Chair, Hospital Committee, NJ Association of Blood Bank Professionals, May 2013 to May 2015
- Chair, Program Committee, NJ Association of Blood Bank Professionals, June 2011-June 2012
- New Jersey Blood Bank Professionals, Secretary, May 2008 to May 2009
- Member of Ethics Committee, American Association of Blood Banks. July 2008- October 2009
- NJBBTF Chair, NJ state Inspection Issues committee. 2006-2007
- Inspector: College of American Pathology. January 1998- present

- Lead Inspector: College of American Pathology
- Assessor: American Association of Blood Banks. January 1990- March 2017
- Administrative Think Tank Committee (selected as thinker), American Association of Blood Banks. 2003-2004
- Moderator, Annual NJ Blood Bank Professionals meeting, NJ. May 24, 2004
- Physician representative for the University Hospital, NJMS, UMDNJ for University Hospital System Consortium on Blood Utilization Bench Marks, 2002
- Scientific, Medical and Technical Advisory Committee, CCBC/ABC, 1992-1997
- Education Committee, Americas Blood Centers (ABC), 1993-1996
- Donor Recruitment, ABC, 1996
- New Jersey Blood Bank Task Force, 1989-1997
- Steering Committee to amend NJ Blood Safety Act, 1994
- Trustee, Board of Directors and Member, Executive Committee, The Blood Center of New Jersey, 1994-1997
- Medical Technical Advisory Committee, Fort Wayne, Indiana, 1983-1989
- AIDS Task Force, Fort Wayne, Indiana, 1985-1989

SERVICE ON MAJOR COMMITTEES:

- A. International: None
- B. National/Regional: None
- C. Medical School:
 - Medical Student Admission, Faculty Interviewer 2008-2010
- D. Hospital:
 - Pathology Resident Admission, Faculty Interviewer Present
- E. Department:
 - Chair QA/PI, Clinical Pathology. 2009- 2011
 - Member of the Residency Program Committee 2001-Present
 - Chair, Blood Donor Task force (UH/NJMS/UMDNJ) 2001-Present
 - Member QA/PI. 2001-present
- F. Editorial Boards (include full journal name) NONE
- G. Ad Hoc Reviewer:
 - Vox Sanguinis, Journal of International Society of Blood Transfusions 2008
 - VOX-08-0037 - Red Cell Exchange is Not Effective for Patients with Sickling Hemoglobinopathies and Coexisting Warm Autoantibody Hemolysis

SERVICE ON GRADUATE SCHOOL COMMITTEES: None

SERVICE ON HOSPITAL COMMITTEES:

- Patient Safety Committee 2012- present
- Medical Records Committee 2008-present

- Radiation safety committee, 2009-present
- Radiation Human use subcommittee, 2009-present
- Chair, Point of care Testing Committee, December 2008-January 2009
- Member of the Hospital QA/PI committee, December 2008-present
- Patient safety leadership council. 2008-
- Patient Safety Committee. September 2003-2008
- Chair, Patient ID Committee. 2003
- Transfusion Committee, UH/NJMS/UMDNJ. January 2001-Present
- Bloodless Surgery, UH/NJMS/UMDNJ. January 2001-2008
- Blood Donor Task force. UH/NJMS/UMDNJ. September 2001-Present
- Trauma Administration Group (TAG), UH/NJMS/UMDNJ. 2001-present
- Blood Utilization Committee, Atlantic City Medical Center, New Jersey, May1999-September 2000
- Blood Utilization Committee, Memorial Hospital, Mount Holly, NJ. January-April 1999

SERVICE TO THE COMMUNITY:

SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE: None

SPONSORSHIP OF POSTDOCTORAL FELLOWS: None

TEACHING RESPONSIBILITIES: (Teaching effectiveness should be addressed in nominating letter)

- A. Lectures or Course Directorships
 - WEB Courses, Graduate Students, School of Health Related Professionals, UMDNJ, Newark, NJ. 2006, 2008, 2011, 2015 (2 courses per year)
 - Blood Component Therapy and Plasma Derivatives. February 2006, November 2006, October 2008, March 2011, March 2015
 - Adverse Effects to Blood Transfusion. March 2006, November 2006, October 2008, March 2011, March 2015
- B. College of American Pathology, Inspector Training Work Shop on Transfusion Medicine. Check list and inspection process. March 2006, November1, 2008
- C. Transfusion Practice". Annual half day lecture to Medical Technology Students, School of Health Related Professionals [SHRP], UMDNJ, Newark, NJ, 2005, 2006, 2007, 2008
- D. Medical Students, NJMS/UMDNJ, Newark, NJ
 - Transfusion Medicine, 1st year Medial Students, 2 contact hours, October 2015, 2016
 - Diseases of Coagulation, Dental Students, October 2016. (1 contact hour)
 - Principles of Transfusion Medicine, 2nd year Medical Students, 1 hour annual lecture 2003-2015
 - Case Studies with Medical students, 5 case studies per year 2002 to 2005
 - Diseases of Coagulation, Dental Students September 2014, 2 contact hours and October 2015, 2 contacts hours
- E. Resident Lectures and Grand Rounds

- Principles of Transfusion Medicine to Emergency Medicine Residents, Fellows and Attending, June 28, 2017. 1 contact hour
- Component Therapy and Board Review 3 contact hours, May 2017
- Principles of Transfusion Medicine, Pathology Residents, CP conference, November 2016, 3 contact hours
- Pathology Residents CP conference April 2016, Transfusion Medicine Board review. 4 contact hours
- Introduction to Transfusion Medicine, Pathology Residents CP conference, September 2015. 4.5 contact hours
- Therapeutic Apheresis, Pathology Residents. February 2015
- HLA and Transfusion Medicine, 1 contact hour May 2014
- Blood Groups, 4 contact hours, November 2013
- Antibody panels, 2 contact hours April 2013
- Component Transfusions 2 contact hours, April 2013
- Calculations in Transfusion Medicine, Jan 2013
- Pathology Residents weekly CP review, October, 2012, 4 contact hours
- Pre Transfusion Laboratory testing, Pathology Residents weekly CP review, February 2012, 4 contact hours
- Basic Blood Banking, Pathology Residents, September 2011
- Component Therapy, March 2011
- Transfusion Medicine Orientation, Internal Medicine Residents, July 2008, 2009, 2010
- Serologic Problem Solving, Pathology Grand Rounds 2004, 2007, 2009, 2010 (2 Hours/session)
- Transfusion Medicine Overview, Pathology Grand Rounds, Oct 2008 (2 Hours)
- ‘Juggling Transfusion Risks and Benefits’, Resident lecture, Department of Internal Medicine, March 2008
- Blood Donor Processing and testing, Pathology grand rounds, February 2008 (2 hours)
- Adverse effects to blood and blood component transfusions, Pathology Grand Rounds, 2002, 2003, 2005 and 2007 (2 contact hours per session)
- Red Blood Cell Therapy, Pathology Grand Rounds, November 2006
- Basic Blood Banking, Pathology Grand rounds, September 2004
- Component Therapy, Pathology Grand Rounds, November 2001, September 2002, December, 2004, December 2010, March 2011
- Leukocyte Reduction. Lab. Technologists. 2001. UH/UMDNJ.
- Hemostasis and coagulation disorders: Residents and Fellows, Pathology and Hematology, New York City Hospitals, NY, NY. July 2000
- Adverse effects to blood transfusion and management: Internal Medicine Residents. Atlantic City Medical Center, Atlantic City, NJ. Fall 1999

- Autologous Blood. Medical Staff, Grand Rounds, Clara Maas Hospital, Belleville, NJ, 1993
- Blood Donor Screening, Grand Rounds, St. Barnabas Medical Center, Livingston, NJ, 1991
- Lecture series to Fellows in Transfusion Medicine, joint program between UMDNJ and Blood Center of NJ. 1989 – 1991
- Serologic Work up, Cold Antibodies. Blood Bank supervisors meeting, Fort Wayne, Indiana, 1988.
- Blood Banking. Medical Staff Grand Rounds, Byron Hospital, Ohio, 1986
- Blood and Component Therapy. Indiana and Ohio hospitals, 1984
- Red Blood Cells, Transfusion Options. Grand Rounds, University of Medicine & Dentistry, Newark, NJ, 1982

F. Hospital and NJMS/UMDNJ Grand Rounds:

- Therapeutic Apheresis, Internal Medicine, Feb 2015
- Juggling Transfusion Risks and Benefits, Didactic lecture to Anesthesia Residents. March 2008
- “Is Less Better?” Appropriate Transfusions in Neonates and Pediatrics, Grand Rounds, Department of Pediatrics. February 2008
- Transfusion Medicine Practices in Obstetrics and Gynecology, Grand Rounds, Department of Obstetrics & Gynecology. December 2007
- ‘Basic Blood Banking’, Internal Medicine, July 2007
- Case presentation; ‘TRALI’, Internal Medicine Grand Rounds, March 2007
- “Staying in Business, Juggling Transfusion Risks/Benefits, Regulatory Compliance and Cost Efficiency”, Anesthesia Grand Rounds, May 2006
- “Transfusion Support in Neonate and Pediatric Patients”, Pediatric Grand Rounds, December, 2005
- “The View from Across the Bank: Two perspectives on Transfusion Medicine”. Internal Medicine grand rounds. November 2004

MAJOR ADMINISTRATIVE RESPONSIBILITIES:

- Interim Director, Clinical Pathology, POCT and Co Director, Serology December 2008-January 2010
- Medical Director, Blood Bank and Transfusion Medicine Services, Department: Pathology and Laboratory Medicine, NJMS/UMDNJ, Newark, NJ, January 2001-present
- Medical Director, NJ Blood Services, New York Blood Center. January 2000- January 2001
- President and CEO, The Blood Center of NJ, East Orange, NJ. July 1, 1994-August 1, 1997
 - Directed budgeting, market analysis and community outreach in addition to Medical and technical operations: drawing, processing and distributing over 100,000 units of blood and blood components to 40 hospitals in Northern New Jersey. Managed \$11 million budget; directed 180 employees.
- Medical Director, Blood Center of NJ, East Orange, NJ. July 1, 1989-June 30, 1994

- Co-Director, Fellowship in Blood Bank/Transfusion Medicine. Program in partnership with the University of Medicine and Dentistry of NJ. 1989-1992. Provided training in Transfusion Medicine for Pathology Residents and Hematology Fellows from UMDNJ and St. Barnabas Medical Center, 1989- 1994
- Medical Director, Marrow Donor Program. Secured accreditation as Donor Center for National Marrow Donor program providing easier access to the program for NJ residents (as the only accredited NJ community blood center)
- Implemented automation and computerization. Designed phased implementation plan to match available capital outlay and balance against employee training to enhance regulatory compliance and decrease operating costs
- Medical Director, American Red Cross, Fort Wayne Region, Indiana. January 1983-June, 1989.
 - Served as Medical Director for Regional Marrow Donor Program.
 - Established the first Skin Bank in the American Red Cross System to service local Burn Center and set up other Tissue Bank services.
 - Upgraded the reference laboratory from basic to intermediate level. Implemented two satellite apheresis collection sites and cost effective platelet enrichment program that increased revenues for blood services.
 - Established, alternate HIV test site with counseling to divert high-risk donors and safeguard blood supply.

CLINICAL RESPONSIBILITIES: (Clinical effectiveness should be addressed in nominating letter)
University Hospital, Newark, NJ.

- Department of Pathology and Laboratory Medicine. New Jersey Medical School, Rutgers University, Newark, NJ. Associate Professor July, 2009 Medical Director, Transfusion Medicine Services and Blood Bank, January 2010-present

Responsibility:

- Medical Director, Transfusion Medicine Services and Blood Bank. Jan 2001- present.
- Review, Update and Implement Policies and Procedures in accordance with regulatory agency requirement, applicable to Transfusion Medicine services throughout the University Hospital. [FDA, OSHA, State, American Association of Blood Banks, JCAHO, CAP (College of American Pathology). Includes guidance for compliance in Tissue Bank Services, and oversight of Intra Operative Autologous services and Therapeutic phlebotomy services.
- Ensuring Compliance with Policies and Procedures
- Monitor Blood Utilization and compliance for appropriate use [Includes chart review, consult with clinicians and audits in all areas of Transfusion Medicine services]
- Supervise and provide consultation, education and training to Clinical Staff, Residents, Fellows, medical students, other healthcare professionals and Nursing staff on appropriate Transfusion practices at NJMS/RU/UH
- Oversee Blood Bank/Transfusion Medicine operations, budget, supplier issues, inventory management, staff training, proficiency, regulatory compliance, audit and monitor for patient safety and ensure compliance with accrediting agencies such as JCAHO, CAP and AABB and Licensing agents such as New Jersey State.
- Review and provide consultation support in problem cases with red cell or platelet antibodies and or adverse events to transfusion. Provide consultation for appropriate blood and component therapy.

- Review Quality assurance including Proficiency testing, Quality control, Errors /Incidents with root cause analysis, corrective action with monitoring to ensure compliance and patient safety.
- Direct and Chair the Clinical Pathology QA/PI program August 2009-July 2011
- Interim Clinical Laboratory Director, Department of Pathology and Laboratory Medicine. New Jersey Medical School, UMDNJ, Newark, NJ. Associate Professor July, 2009, Director of Point of Care Testing (POCT) and Co Director, Immunology/Serology, December 2008- January 6, 2010
Responsibility:
- Oversee and direct the department of Clinical Pathology including POCT, Serology and Transfusion Medicine Services, December 8, 2008- present
 - Implemented changes in the Laboratory work flow of hematology, chemistry, serology and offices for increased efficiency and to meet CAP space, heat and humidity requirement.
- Negotiated a successful contract for Chemistry to include Robotics for increased efficiency and cost reduction. Implemented the analyzer and robotics, December 2009- March 2010. Changed ordering processes to be more user friendly and implemented paperless processes in the laboratory.
- Implemented automation in the blood bank [ORTHO, Provue] with direct interface with the lab information system to decrease errors and enhance patient safety in 2005
- Provide coverage for other Clinical Laboratory Directors in Hematology, Chemistry and Serology as needed
- Served as Director, FLOW Cytometry, Immunophenotyping, December 2003 to November 2006 and reviewed FTA serology 2001 –2007

GRANT SUPPORT: *(Please list newest or most current first)* NONE

PUBLICATIONS: *(Please list oldest first; published or accepted for publication only; should be segregated into the following categories)*

1. Detection of Mycobacterium tuberculosis in blood using the Xpert® MTB/RIF assay.
Detection of TB in blood.
Padmapriya Banada, **Ranie Koshy**, and **David Alland**
(Accepted for publication in Journal of Clinical Microbiology, May 2013)
2. Analysis of Humoral Immune Responses to LM1 Ganglioside in Guinea Pigs
Yajuan Gu¹, **Zie-Wie Chen**¹, **Allan Siegel**¹, **Ranie Koshy**², **Tim D. Raabe**³, **George DeVries**⁴, **Amjad A. Ilyas**¹
3. Department of Neurology and Neurosciences, ²Department of Pathology, UMDNJ-New Jersey Medical School, Newark, NJ 07103; ³Department of Biological Sciences, St. Mary's University, One Camino Santa Maria, San Antonio, TX 78228, USA; ⁴Research Service, Hines VA Hospital, Fifth Ave./Roosevelt Rd., Hines, IL 60141, USA
[Accepted for publication in the American Journal of Neuroimmunology on 3-1-2012]
4. Anti-Kpa induced severe delayed hemolytic transfusion reaction
R. Koshy, B. Patel, J.S. Harrison

5. Immunohematology, Journal of Blood Group Serology and Education, Vol. 25, No. 2 issue, 2009; 44-47
6. Peripheral granular cell odontogenic fibroma
Joseph Rinaggio, Deborah Cleveland , *Ranie Koshy* , Albert Gallante, Neena Mirani
Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2007 Jan 11; 17223586

REVIEWS: “Navigating the information technology highway: computer solutions to reduce errors and e patient safety”: *Raine, Koshy* Transfusion, Volume 45 Page 189S - October 2005
doi:10.1111/j.1537-2995.2005.00619.x Volume 45 Issue s4.

ABSTRACTS:

1. A Case of Angioimmunoblastic T Cell Lymphoma with Warm and Cold Autoimmune Hemolytic An
Floyd III, L. , Wang, T. , Keane-Tarchichi , M. , Koshy, R. , Pawoo, N. , Demyen, M. , Kapila, F
2012. 10th annual Rutgers research day, Poster Session
2. Analysis of Humoral Immune Responses to LM1 Ganglioside in Guinea Pigs
Gu, Y¹, Chen, Zie-Wie ¹, Siegel, A ¹, Koshy, R ², Raabe, Tim D. ³, DeVries, G ⁴, Ilyas, A. Amjad.
Presented at the XXth World Congress of Neurology, Marrakesh, Morocco, November 12-17, 2011
3. Transition from Blood Storage in Operating Room Refrigerator to Coolers
Koshy, R.
Transfusion 2009-vol. 49 supplement, AP68, 269A
4. Massive Transfusion Protocol, In Support of Pre Packaged Cocktails
Koshy, R., Bahadur, M. , Lavery, R. , Livingston, D.
Transfusion 2008-vol. 48, Supplement, S67-030E
(Oral abstract, AABB Annual meeting, October 6, 2008)
5. Advantages of Technology To Contain Escalating Costs
Patel, B., Koshy, R.
Transfusion 2008-vol. 48, Supplement, SOP25
6. Performance Evaluation of Neonatal Blood Administration Syringes
Bahadur, M., Koshy, R.
Transfusion 2008-vol 48, Supplement , AP52
7. Peripheral granular cell odontogenic fibroma. AAOMP, American Academy of Oral and
Maxillofacial
Pathology, San Antonio, Texas
Rinaggio, J., Koshy, R. , Gallante, A and Mirani, N.
U. of Medicine and Dentistry of New Jersey, Newark. April 25, 2006.Essay #83
8. Calculation of Red Blood Cell and Plasma Loss in Frequent Apheresis Donors.
Koshy,R., Giandelone, J. , McCall, M.

Transfusion, 2001-Vol.41, Supplement (SP123)

9. An evaluation of eluate sensitivity.
Gambino, C. , Swaim, B., Aiken, J., Koshy, K:
Transfusion, 1989, vol. 29, supplement (S62)
10. Filling technical positions with non-technical personnel.
Middleton, S., Gambino, C. , Aiken, J. , Koshy. K.
Transfusion, 1989, vol. 29, supplement (A33)
11. Transfusion of incompatible Co. (a+) blood.
R. Koshy, C. Gambino
ISBT, 1987, Abstract, (PM 7-78)
12. Evaluation of true platelet yield on the Fenwal Platelet Apheresis closed system.
Strothman, R. , Koshy, R.
ASFA, 1987, Abstract
13. Cost Recovery of an Autologous Blood Program in a Regional Blood Center: Transfusion.
Koshy, R. , Ball, M.J.
1986, vol. 26, no. 6 (A24)

PRESENTATIONS:

- A. Scientific (*Basic Science*): None
- B. Professional (*Clinical*):
 1. A MATCH MADE IN HEAVEN' KEY NOTE SPEAKER AT THE PLATINUM JUBILEE, BANGALORE MEDICAL COLLEGE, BANGALORE, INDIA. DECEMBER 25, 2015.
 2. The Hospital Blood Bank Supervisors' association, 17th annual spring symposium. NY, NY. April 21, 2007. "Reducing Risks with Electronic Technology"
 3. AABB work shop on Reducing Risks with Electronic Technology, Talk title; Reducing Patient Safety Risks beyond Transfusion Medicine, October 22, 2006. AABB annual meeting, Miami, Florida.
 4. AABB Administrative Section, Think Tank Meeting, American Association of Blood Banks, Seattle, Washington. October 15, 2005. Presented Think Tank paper, "Navigating the Information System Highway: "computer solutions to reduce errors and increase patient safety" with participation in break out session
 5. "Traumatized and Living Dangerously?" NJ State Hospital Association and NJ Blood Bank Task Force Seminar. April 2003
 6. Use of Leukodepletion Filters on 5 day Plateletpheresis in a closed system. RAP session, Leukodepleted blood products. AABB New Orleans, 1989
 7. Opportunities in Tissue Banking. Mid Atlantic Association of Blood Bank, Charlottesville, VA, 1988
 8. "Are We Killing the Golden Goose?" Donor Safety. Indiana Association of Blood Banks annual meeting, Indianapolis, Indiana, 1985

