

CURRICULUM VITAE

Kathleen Kennedy Nicol, M.D.

- Work Address:** Nationwide Children's Hospital
700 Children's Drive
Columbus, OH 43205
- Work Telephone:** (614) 722-5301
- Fax:** (614) 722-5308
- E-mail:** kathleen.nicol@nationwidechildrens.org
- Education:** University of Kentucky, Lexington, KY
B.S. – Biology, 1985
Kentucky State University, Frankfort, KY
B.S. – Medical Technology, 1987
University of Louisville School of Medicine, Louisville, KY
M.D. - May 1993
- Post Graduate Education:** University of Louisville, Louisville, KY
Internship in Pediatrics
July 1993 – June 1994
North Carolina Baptist Hospital/Wake Forest University
Winston-Salem, NC
Residency in Pathology
July 1994 – June 1998
Chief Resident 1997-1998
Children's Hospital, Columbus, OH
Fellowship in Pediatric Pathology
July 1998 – June 1999
- Faculty Appointments:** College of Medicine and Public Health, Department of Pathology
Ohio State University, Children's Hospital, Columbus, OH
Clinical Instructor
January 1999 – November 1999
Clinical Assistant Professor
December 1999 – March 2004
Clinical Associate Professor
March 2004 – present
- Certification:** Diplomat of The American Board of Pathology – combined
Anatomic and Clinical Pathology, October 1999
Pediatric Pathology Subspecialty Boards, November 2001

Professional Licensure: North Carolina
Ohio

Teaching Activities: Medical Technology Students, MT 505, OSU (2002-2007)
Pediatric and Perinatal Transfusion Medicine
Neonatal Nurse Practitioner Program, N728, OSU (1999, 2002-2007)
Advanced Pathophysiology in the Care of the High Risk Neonate II
Pediatric Surgery/ Pathology Grand Rounds, Children's Hospital –
Pediatric Transfusion Medicine/ Coagulation (1999- 2006)
Fine Needle Aspiration/ Cytology (2000-2004)
Medical Grand Rounds, Children's Hospital
Chronic Granulomatous Disease (9/7/2000)
Amyloidosis (4/19/2001)
Pneumocystis / Congenital HIV (6/13/2002)
Lymphoma in an infant having SCIDS (1/15/04)
Neonatal Morbidity and Mortality Conference, monthly
Congenital and pathophysiological anomalies (2001-2007)
American Red Cross Specialty in Blood Banking Course
Pediatric Transfusion Medicine (2002, 2004)
Teleconference Network of Texas, UTHSCSA, Blood Bank Series
Transfusing the Pediatric Patient (2002)
Perinatal and Pediatric Transfusions – What's new? (2004)
Pathology Residents, Transfusion Medicine and Heme/Oncology Fellows
Pediatric Transfusion Medicine clinical rotations (2000-present)
Pediatric Trauma Grand Rounds, Children's Hospital –
Transfusion Medicine in Pediatric Traumas (2000)
Medical Student Lecture, Med II – DivII, OSU
Developmental Pathology II (1999)

Research: Demographic Population Study of 1000+ Obstetrical Patients
Humana Hospital, University of Louisville
Stanley Gall, M.D., Chairman

Oral Presentations, Posters/ Exhibits:

“Aicardi Syndrome: A Morphologic Description with Particular Reference to Intracytoplasmic Inclusions in Cortical Astrocytes,” Society for Pediatric Pathology Interim Meeting, Seattle, WA, October 1993. POSTER PRESENTATION

“Fine Needle Aspiration Biopsy of Gouty Tophi: Lessons in Cost-effective Patient Management,” American Society of Cytopathology Annual Scientific Meeting, Denver, CO, November 1996. POSTER PRESENTATION

“The Zebra that Became a Horse: An Unusual Presentation of a Common Disease”, 89th Annual Scientific Assembly of the Southern Medical Association, Kansas City, KS, November 1996. ORAL PRESENTATION

“A Profusion of Pathologic Problems: Death Due to Status Asthmaticus Associated with Langerhans Histiocytosis in a Young Prisoner.” 90th Annual Scientific Assembly of the Southern Medical Association, Baltimore, MD, November 1996. ORAL PRESENTATION

“Fine Needle Aspiration Biopsy of Skeletal vs Extraskkeletal Osteosarcoma”, American Society of Cytopathology Annual Scientific Meeting, Boston, MA, November 1997.
POSTER PRESENTATION

“Primary Cutaneous Rhabdomyosarcoma (RMS): The Intergroup Rhabdomyosarcoma Study Group (IRSG) Experience”, Mod Pathol 12:4p, 1999. Society for Pediatric Pathology Annual Meeting, San Fransisco, CA, March 1999. POSTER PRESENTATION

“Undifferentiated Embryonal Sarcoma of the Liver (UESL) is not a Biliary Tract Rhabdomyosarcoma (BTRMS)”, Mod Pathol 13:4p, 2000. Society for Pediatric Pathology Annual Meeting, New Orleans, LA, March 2000. POSTER PRESENTATION

“Delayed Hemolytic Transfusion Reaction Caused by JK^b Antibody Detected by Only Solid Phase Technique”, Transfusion, 40:113S, 2000. American Association of Blood Banks Annual Meeting, Washington DC, November, 2000. POSTER PRESENTATION

“HLA Allo-Immunization Through Chronic Red Cell Transfusions”, Transfusion, 41:57S, 2001. American Association of Blood Banks Annual Meeting, San Antonio, TX, November, 2001.
POSTER PRESENTATION

“Pre-storage Leukoreduction of Random Platelets: Will the process alter the dosage for Pediatric Patients?”, Transfusion, 42:96S, 2002. American Association of Blood Banks Annual Meeting, Orlando, FL, October, 2002. Society for Pediatric Pathology Interim Meeting, Dallas, TX, September, 2002. POSTER PRESENTATION

“Platelet Concentrates versus Plateletpheresis Products: Is One Superior for Pediatric Transfusions?”, Transfusion, 43:9S, 2003. American Association of Blood Banks Annual Meeting, San Diego, CA, November, 2003. POSTER PRESENTATION

“Biochemical Composition of Pediatric Gallstones – Is it changing with the times?”, Mod Path, 17:1S, 2004. Society for Pediatric Pathology Annual Meeting, Vancouver, BC, March 2004. POSTER PRESENTATION

“Efficacy of Platelet Pheresis Utilization with Small Volume Transfusions”, Transfusion, 44:9S, 2004. American Association of Blood Banks Annual Meeting, Baltimore, MD, October 2004.
POSTER PRESENTATION

“Risks of Thrombotic Events in Cardiac Patients receiving activated Factor VII at a Children’s Hospital”, Transfusion, 45:3S, 2005. American Association of Blood Banks Annual Meeting, Seattle, WA, October 2005. POSTER PRESENTATION

“In Vitro Cultured Allogeneic Cytotoxic T Cells Mediate Hematopoietic GVHD without Gut GVHD Despite Expression of Functional LPAM ($\alpha_4\beta_7$ Integrin)”, Blood, 106 (11), 2005. American Society of Hematology Annual Meeting, Atlanta, GA, December 2005. POSTER PRESENTATION

“Acquired Variant Hemoglobins: A Spurious Complication of Sickle Cell Therapy”, *Transfusion*, 46: S, 2006. American Association of Blood Banks Annual Meeting, Miami, FL, October 2006. POSTER PRESENTATION

“Unusual Bone Marrow Findings in a patient with Congenital Amegakaryocytic Thrombocytopenia”, *Blood*, 2006;108: 1109. American Society of Hematology Annual Meeting, Orlando, FL, December 2006. POSTER PRESENTATION

Invited Lectures/ Seminars:

“Cytology of Malignant Pediatric Lesions – Panel Presentation”, Cystic Papillary Pancreatic Neoplasm, International Congress of Cytology, Santiago Chile, April 2004. SPEAKER

“SIDS – the Definition and Risk Factors”, *Your Health* Columbus Health Department’s Educational Television Production, June 17, 2004. SPEAKER

“The Pathophysiology of Hemolytic Disease of the Newborn”, Ohio Association of Blood Banks Fall Workshop, Columbus, OH, October 2004. SPEAKER

“AABB Accreditation – Panel Discussion”, Trends in Perioperative Blood Management Workshop, Columbus, OH, December 2005. SPEAKER

Publications:

Buchino JJ, Nicol KK, Parker JC. Aicardi Syndrome: A Morphologic Description with Particular Reference to Intracytoplasmic Inclusions in Cortical Astrocytes. *Pediatr Pathol Lab Med*, 1996; 16:285-91.

Steffee CH, Nicol KK, Davis GJ. A Wiff of Death: Fatal Volatile Solvent Inhalation Abuse. *South Med J*, 1996; 89:879-84.

Nicol KK, Davis GJ. An Unusual Complication of Diabetes Mellitus: The Zebra that Became the Horse. *South Med J*, 1997; 90:83-5.

Nicol KK, Ward WG, Pike EJ, Geisinger KR, Cappellari JO, Kilpatrick SE. Fine Needle Aspiration of Gouty Tophi: Lessons in Cost-effective Patient Management. *Diagn Cytopathol* , 1997; 17:30-35.

Nicol KK, Geisinger KR. Congenital Toxoplasmosis: Diagnosis by Exfoliative Cytology. *Diagn Cytopathol*, 1998; 18:357-61.

Nicol KK, Ward WG, Savage PD, Kilpatrick SE. Fine-Needle Aspiration Biopsy of Skeletal vs Extraskelatal Osteosarcoma. *Cancer Cytopathol*, 1998; 84:176-85.

Nicol KK, Iskandar SS. Lobular Carcinoma of the Breast Metastatic to the Oral Cavity Mimicking Polymorphous Low-Grade Adenocarcinoma of the Minor Salivary Glands. *Arch Pathol Lab Med*, 2000; 124: 157-9.

Nicol KK, Geisinger KR. The Cytomorphology of Pulmonary Blastoma. *Arch Pathol Lab Med*, 2000; 124: 416-8.

Benavides S, Nicol K, Koranyi K, Nahata MC. Yersinia Septic Shock Following Autologous Transfusion in a Pediatric Patient. *Transfusion and Apheresis Science*, 2003; 28: 19-23.

Nicol KK, Shelton B, Knovich MA, Owen J. Overweight Individuals are at Increased Risk for Thrombotic Thrombocytopenic Purpura. *Am J Hematol*, 2003; 74: 170-174.

Chambers LA, Long KF, Wissel ME, Counts F, Nicol K. Multisite trial of a pH paper and a pH value of less than 7.0 to screen whole-blood-derived platelets: implications for bacterial detection. *Transfusion*, 2004; 44: 1261-1263.

Adler B, Naheedy J, Yeager N, Nicol K, Klamar J. Multifocal epithelioid hemangioendothelioma in a 16-year-old boy. *Pediatr Radiol*, 2005; 35:1014-1018 (Epub 2005 May).

Morotti RA, Nicol KK, Parham DM, Teot LA, Moore J, Hayes J, Meyer W, Qualman SJ. An Immunohistochemical Algorithm to Facilitate Diagnosis and Subtyping of Rhabdomyosarcoma: The Children's Oncology Group Experience. *Am J Surg Path*, 2006; 30: 962-968.

Young AS, Binkovitz LA, Adler BH, Nicol KK, Rennebohm RM. Pulmonary hyalinizing granuloma and retroperitoneal fibrosis in an adolescent. *Pediatr Radiol*. 2006 Oct 24; [Epub ahead of print]

Nicol K, Swedan N, Moder P, Kahwash S, Rose M, Kerlin B. Hemolytic Anemia in a 5-year-old Child. *Lab Medicine*, 2006; 37: 746-748.

Book Chapters:

Rudmann SV, Nicol KK. Transfusion Issues in Selected Patient Populations. In: Rudmann SV (ed): *Textbook of Blood Banking and Transfusion Medicine*, 2nd ed. Elsevier Saunders. Philadelphia, PA 2005.

Research Support:

U01-CA54021 (Stephen J. Qualman, M.D.)	4/1/01-3/31/08	5%
NIH/National Cancer Institute		\$575,602
"Pediatric CHTN: New Scope/Technology Aids Cancer Research"		

The major goal of this project is to serve as a national center for the procurement and distribution of pediatric tumor and normal tissues for cancer research.

Employment:

Medical Technologist, 1987-1993
Norton/Kosair Children's Hospital Blood Bank
Louisville, KY

Associate in Pathologic Anatomy, 1996
Laboratory Corporation of America, Inc.
Winston-Salem, NC

Staff Pathologist, Nationwide Children's Hospital, 1999-present
Medical Director, Transfusion Services (1999-present)
Medical Director, Point of Care Testing and Off-site Labs (2001-present)
Co-Medical Director, Peri-operative Auto-transfusion Services (2002-present)

Hospital Committees: Transfusion Committee (Nationwide Children's Hospital) 1999-present
Chair, 2001-present
APN Prescriptive Authority Committee 2001-2003
Laboratory Services Team 2001-2006
Chair, 2002-2006
Heme/Onc Fellow Scholarly Oversight Committee 2004-2006

Honors: Alpha Kappa Mu Honor Society

Awards: Caffey Award for Outstanding Basic Science Research Paper, 2004
"Site-Specific Induction of Lymphatic Malformations in a Rat Model for
Image-Guided Therapy", Society for Pediatric Radiology
Alumni Service Award, 1988
U of L Allied Health Science
Science Award, 1986
Kentucky State University

Professional Affiliations:

American Medical Association
American Society of Clinical Pathologists (Fellow 2000)
College of American Pathologists (Fellow 2001)
Society for Pediatric Pathology
American Association of Blood Banks
Ohio Association of Blood Banks

Professional Activities:

State Student Representative to the American Society for
Medical Technologist National Convention 1987, 1988
Medical Examiner (#M34058) 1994 –2000
Forsyth County, NC
College of American Pathologists Inspector 1997-present
Inspector # 702352
Franklin County Deceased Child Review Team 1999-present
SIDS subcommittee 2000-present
Medical Advisory Committee of the American Red Cross
Central Ohio Region, Columbus Chapter 1999 – present
Chairman 2001-present
Ohio Association of Blood Banks, Board Member 2000-present
President Elect 2002-2004
President 2004-2006
Past-President 2006-2008
Blood Services Board Member, American Red Cross, 2001-2005

References: To be furnished upon request