

NANCY A. YOUNG, M.D.

EDUCATION

Undergraduate/Medical Education:

1977-1983 Lehigh University/Medical College of Pennsylvania
Combined 6 year BA/MD program
Bethlehem/Philadelphia, Pennsylvania

Graduate Medical Education:

1983-1984 Internship in Internal Medicine
Medical College of Pennsylvania, Philadelphia,
Pennsylvania

1984-1985 Residency in Anatomic Pathology
1986-1987 Yale New Haven Hospital, New Haven, Connecticut

1985- 1986 Residency in Clinical Pathology
Yale New Haven Hospital, New Haven, Connecticut

1987-1988 Chief Residency in Clinical Pathology
Area of Specialization: Microbiology
Yale New Haven Hospital, New Haven, Connecticut

1988-1989 Cytopathology fellowship
Medical College of Pennsylvania. Philadelphia,
Pennsylvania

2009 Program for Chiefs of Clinical Services
Harvard School of Public Health, Boston, Massachusetts

Certification by Board Specialties:

1984 Diplomate, National Board of Medical Examiners
1988 Diplomate, American Board of Anatomic and Clinical Pathology
(recertified 2011)
1989 Subspecialty Certification in Cytopathology

CURRENT PROFESSIONAL APPOINTMENT

2008- Present Chairman, Pathology and Laboratory Medicine
Einstein Healthcare Network, Philadelphia and East Norriton PA

Laboratory Medical Director, Einstein Medical Center, PA
Philadelphia and Elkins Park Campuses

OTHER PROFESSIONAL POSITIONS HELD

1994-2008 Staff Cytopathologist and Medical Director of Outpatient Clinical
Laboratory and Autopsy
Department of Pathology
Division of Medical Science, Fox Chase Cancer Center, Philadelphia PA

1989-1994 Staff Pathologist and Medical Director of Autopsy
Department of Pathology and Laboratory Medicine
Hahnemann University Hospital, Philadelphia PA

ACADEMIC APPOINTMENTS:

2007-present	Professor of Pathology, Anatomy and Cell Biology Sidney Kimmel Medical College Thomas Jefferson University, Philadelphia, PA
2005-2008	Senior Member Institute for Cancer Research Fox Chase Cancer Center, Philadelphia, PA
1994-2005	Member Institute for Cancer Research Fox Chase Cancer Center, Philadelphia, PA
2004-2007	Clinical Professor of Pathology Anatomy and Cell Biology Thomas Jefferson Medical College, Philadelphia, PA
1997-2004	Adjunct Clinical Associate Professor Anatomy and Cell Biology Thomas Jefferson Medical College, Philadelphia, PA
1995-2002	Clinical Associate professor MCP Hahnemann University, School of Medicine, Philadelphia, PA
1994	Associate Professor Hahnemann University, School of Medicine, Philadelphia, PA
1989-1994	Assistant Professor Hahnemann University, School of Medicine, Philadelphia, PA
1987-1988	Instructor, Laboratory Medicine Yale University School of Medicine, New Haven, CT

CAP COMMITTEES

2017	College of American Pathologists, Nominating committee, Officers and Governors
2013-present	College of American Pathologists, House of Delegates
2014-present	College of American Pathologists Federal and State Affairs Committee (FSAC) and FSAC State Affairs Subcommittee
2012 -2013	College of American Pathologists Economic Affairs Committee, Measures and Performance Assessment work group
2013	CAP liaison to the Clinical Working Group for respiratory care for Medicare episode of care grouper (tool that uses claims data to identify clinically coherent episodes of care for the 2010 Affordable Care Act)
2008-2011	Public Health Policy committee member, College of American Pathologists.
2007	College of American Pathologists Spokespersons Network member
2001	College of American Pathologists Liaison to the Papanicolaou Society of Cytopathology

NANCY A. YOUNG, M.D.

1999-2001	College of American Pathologists Liaison to the Partners for Annual Pap Smears (PAPS)
1999-2006	College of American Pathologists-Cytopathology Resource Committee
1992-1999	College of American Pathologists- Autopsy Resource Committee

ORGANIZED MEDICINE EXECUTIVE LEADERSHIP POSITIONS,

2013-2016	President, Pennsylvania Association of Pathologists
2010-2011	President, American Society of Cytopathology 2010-2011
2009-2010	President-elect, American Society of Cytopathology
2008-2009	Vice President, American Society of Cytopathology

ORGANIZED MEDICINE COMMITTEE CHAIR POSITIONS

2013-2017	Chairman, College of American Pathologists (CAP) House of Delegates
2016-2018	Chair, Nominating committee, Executive Council, Pennsylvania Association of Pathologists
2007-2008	Chair, E-Learning Task Force, American Society of Cytopathology
2000-2001	Chair of the Benign Cellular Changes and Infections Working Group of the 2001 Bethesda Committee (For Revising The Bethesda Classification System for Reporting Cervical/Vaginal Cytologic Diagnoses)
2000	Local Arrangements Chair of the American Society of Cytopathology 48 th Annual Scientific Meeting in Philadelphia

EXECUTIVE BOARD MEMBERSHIPS

2011-present	Executive Council, Pennsylvania Association of Pathologists
2009-2012	Executive Board, American Society of Cytopathology
2004-2008	Executive Board Member, American Society of Cytopathology
2008-2012	American Society of Cytopathology Foundation Board
2008-present	Albert Einstein Medical Center Medical Staff Board

ADVISORY BOARD POSITIONS:

2008-2013	Thomas Jefferson University Cytotechnology Program Advisory Committee Jefferson College of Health Professions
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INSTITUTIONAL COMMITTEE MEMBERSHIPS:

2008-present	Research Subcommittee of Medical Staff Board, Einstein Medical Center, Philadelphia Chair, 2014-present
2011-present	Founder and Chair, Laboratory Utilization Committee, Einstein Medical Center, Philadelphia
2009-2014	Performance Improvement Council, Einstein Medical Center, Philadelphia
2008-2011	Cerner Information System Steering Committee, Einstein, Medical Center, Philadelphia
2008-present	Executive Medical Leadership Committee, Einstein, Medical Center, Philadelphia
2008-present	EPPI management committee, Einstein Medical Center, Philadelphia
2008-present	Medical Staff Board, Albert Einstein, Medical Center, Philadelphia
2008-present	Patient Safety Committee, Einstein, Medical Center, Philadelphia
2017-present	Positive Patient Identification Subcommittee of Patient Safety Committee, Einstein Medical Center, Philadelphia, Chair 2018-present

NANCY A. YOUNG, M.D.

2009-present	Einstein Society Innovative Program Allocation Committee, Einstein Healthcare Network
2008- 2010	Transformation Steering Committee, Einstein, Medical Center, Philadelphia
1994-2008	Infection Control Committee, Fox Chase Cancer Center
2000-2008	Advisory Committee on Informatics Technology, Fox Chase Cancer Center
2002-2008t	Institutional Review Board
2004-2008	Central Institutional Review Board subcommittee, Fox Chase Cancer Center
2003-2004	Physician advisory committee, Fox Chase Cancer Center (to assist with issues related to revenue enhancement)

INVITED SPEAKING ENGAGEMENTS**INTERNATIONAL**

May 13-17, 2007.	16 th International Congress of Cytology. <i>Cytopathology Continuing Education in the United States-Present and Future Directions</i> . Vancouver, Canada
July 21, 2004	14 th Review Course on Practical Diagnostic Cytology, <i>Lymph node cytopathology</i> , Quebec, Canada
July 30, 2003	13 th Review Course on Practical Diagnostic Cytology: <i>Lymph node cytopathology</i> , Quebec, Canada

NATIONAL

February 26, 2013	The American Society of Cytopathology cytoEconference webinar series: The LEAN Toolbox for Hard Times: Project Management Tools and Tips for Avoiding Waste in Your Laboratory.
November, 2012	American Society of Cytopathology President's Rounds at the 60 th Annual Scientific Meeting in Las Vegas Nevada: The LEAN Toolbox for Hard Times: Project Management Tools and Tips for Avoiding Waste in Your Laboratory
November 11, 2008	The American Society of Cytopathology 56 th Annual Scientific Meeting Microscopic Tutorial: Fine Needle Aspiration (FNA) of Lymphoma: A Smorgasboard
November 2007	The American Society of Cytopathology 55 th Annual Scientific Meeting Microscopic Tutorial: FNA of Lymphoma: A Smorgasboard
September, 2007	American Society of Clinical Pathologists Teleconference: <i>FNA of Lymphoma: A Smorgasbord</i>
June 26, 2007	American Society of Cytopathology Cytoteleconference <i>FNA of Non-Hodgkin Lymphoma—Principles of Diagnosis</i>
November 5, 2006	The American Society of Cytopathology 54 th Annual Scientific Meeting Microscopic Tutorial: FNA of Lymphoma: A Smorgasboard
November 5, 2005	The American Society of Cytopathology 53 rd Annual Scientific Meeting Microscopic Tutorial: FNA of Lymphoma: A Smorgasboard
November 14, 2004	The American Society of Cytopathology 52 nd Annual Scientific Meeting, State of the Art Symposium, Chicago Illinois
November 15, 2004	The American Society of Cytopathology 52 nd Annual Scientific Meeting, Moderator, Diagnostic Cytology Seminar, Chicago, Illinois
September 19-22, 2004	College of American Pathologists CAP '04—The Pathologists' Meeting, <i>Current Issues in Non Gynecologic Cytology</i> , Phoenix, Arizona
September 19-22, 2004	College of American Pathologists CAP'04---The Pathologists' Meeting, <i>FNA of Lymphoma: Demystifying the Diagnosis</i> , video microscopy session, Pheonix, Arizona
November 8, 2003	The American Society of Cytopathology 51 st Annual Scientific Meeting <i>Current Issues in Cytology: "The Making of the Bethesda 2001 Atlas"</i> , Orlando Florida
November 11, 2003	The American Society of Cytopathology 51 st Annual Scientific Meeting

NANCY A. YOUNG, M.D.

- Workshop: *Fine Needle Aspiration Biopsy of Lymphoproliferative Disorders: A Practical Approach*, Orlando, Florida
- November 17, 2002 The American Society of Cytopathology 50th Annual Scientific Meeting
Workshop: *Fine Needle Aspiration Biopsy of Lymphoproliferative Disorders: A Practical Approach*, Salt Lake City, Utah
- November 26, 2002 American Society of Cytopathology Cytoteleconference
Diagnosis and subclassification of Non-Hodgkin Lymphoma by FNA Biopsy
- October 15, 2002 American Society of Clinical Pathology (ASCP) College of American Pathologists/(CAP) Joint Annual Meeting: *Discussion of cases and trends from CAP Interlaboratory Comparison Program: Lymph nodes*, Philadelphia, Pennsylvania
- April 14, 2002 American Society of Clinical Pathologists Teleconference: *Fine Needle Aspiration Biopsy of Non-Hodgkin's Lymphoma*
- November 9, 2001 American Society of Cytopathology 49th Annual Scientific Meeting
Workshop: *Treatment effect: Differential Diagnoses and Diagnostic Pitfalls in Cytology*, Kansas City Missouri
- October 21, 2001 The ASCP & CAP Joint Annual Meeting. *Cytopathology Symposium: Bethesda 2001: Specimen Adequacy, Terminology, and Reporting Issues*
- April 30-May 2, 2001 Bethesda Conference for Revising The Bethesda Classification System for Reporting Cervical/Vaginal Cytologic Diagnoses. Chair of the Benign Cellular Changes and Infection Working group. National Cancer Institute, Bethesda, Maryland
- November 11, 2000 The American Society of Cytopathology 48th Annual Scientific Meeting
Workshop: *Fine Needle Aspiration Biopsy of Lymphoproliferative Disorders: A Practical Approach*
- April 16, 2000 The Fourth Annual Jefferson Cytopathology Review Course
Topic: *Practical Approach to Lymphoma Diagnosis by FNA*
- May 15, 1999 The Greater New York Association of Cytotechnologists, Inc.
29th annual Spring Symposium
Topic: *Treatment Effect: Differential Diagnoses and Diagnostic Pitfalls in Cytology*
- April 18, 1999 The Third Annual Jefferson Cytopathology Review Course
Topic: *Practical Approach to Lymphoma Diagnosis by FNA*
- November 6, 1998 American Society of Cytopathology 46th Annual Scientific Meeting
Workshop: *Treatment effect: Differential Diagnoses and Diagnostic Pitfalls in Cytology*
- April 19, 1998 The Second Annual Jefferson Cytopathology Review Course
Topic: *Therapy effect in all body sites*
- May 10, 1997 The First Annual Jefferson Cytopathology Review Course
Topic: *Therapy effect in all body sites*
- November 9, 1996 American Society of Cytopathology
44th Annual Scientific Meeting
Short Course: *Controversies in Gynecologic Cytology*
ASCUS: What is it?
- February 27, 1996 The University of Texas
Health Science Center at San Antonio
Teleconference: *Treatment Effects in Cytology*
- July 22, 1997 The University of Texas
Health Science Center at San Antonio
Teleconference: *ASCUS: What is it?*
- April 22-27, 1995 ASCP/CAP Joint Spring National Meeting, Orlando Florida
CAP Seminar: *Quality Improvement in Autopsy Performance and Reporting*
- April 9-14, 1994 ASCP/CAP Joint Spring National Meeting, Seattle Washington
Seminar: *Quality Improvement in Autopsy Performance and Reporting*
- November, 1994 American Society of Cytology 42nd Annual Scientific Meeting
Diagnostic Seminar: *Diseases of women*

NANCY A. YOUNG, M.D.

- May 31-June 3,1991 The Osler Institute Cytology Boards Review Course
Columbus, Ohio: Lectures and Workshops:
Urinary tract and Thyroid Cytology
- REGIONAL**
- November 10, 2017 *State and Federal Legislative Affairs that Impact your Pathology Practice*
Temple University Hospital Department of Pathology Grand Rounds,
Philadelphia, PA
- November 28, 2017 *Legislative Affairs affecting Pennsylvania Pathologists*
University of Pennsylvania Department of Pathology
Philadelphia, PA
- October 20, 2016 *Einstein's Institutional Experience Using Afirma GEC and ThyroSeq2 on*
Indeterminate Thyroid Fine Needle Aspiration Biopsies.
Philadelphia Pathology Society, Philadelphia PA
- May 5, 2016 *Why your state Pathology society matters.* Philadelphia Pathology Society,
Philadelphia PA
- April 5, 2014 PA Association of Pathologists Annual Meeting, Town Hall Meeting
April 11, 2015 Harrisburg, PA
April 9, 2016
April 8, 2017
April 14, 2018
- June 12, 1997 *ASCUS: What is it?*
The Massachusetts State Cytology Society
- May 15, 1997 *Treatment Effects in Cytology*
The Delaware Valley Society of Cytology
- February 23, 1991 *The Practice of Pathology*
Lehigh University
- LOCAL**
- July 29,2009 *The Value of Fine Needle Aspiration Biopsy and Tools of the Trade*
Medical Grand Rounds
Albert Einstein Medical Center, Philadelphia
- July 9, 2009 *Application of LEAN production techniques to the Anatomic Pathology*
Laboratory
Performance Improvement Council
Albert Einstein Medical Center, Philadelphia
- February 25, 2009 *The Future of Cervical Cancer Screening*
OB GYN Grand Rounds
Albert Einstein Medical Center, Philadelphia
- December 3,2002 *Role of HPV Testing in Conjunction with Cytology*
Clinical Exchange Program, Gynecologic Cancers
Fox Chase Cancer Center, Philadelphia
- May 8, 1996 *The Abnormal Cervical/Vaginal Pap Smear:*
Interpretation of the Cytology Report and Clinical Management
Fox Chase Cancer Center, Philadelphia
- March 1, 1995 *The Role of Urine Cytology In The Diagnosis And*
Management of Urinary Tract Neoplasms.
Fox Chase Cancer Center, Philadelphia
- May 11, 1993 *Thyroid Cytology*
Thomas Jefferson College of Allied Health Sciences Department of
Laboratory Sciences Program in Cytotechnology and the Pennsylvania
Association of Pathologists.

NANCY A. YOUNG, M.D.

March 10, 1992 *Cytology of Effusions and Cerebrospinal Fluid*
 Thomas Jefferson College of Allied Health Sciences Department of
 Laboratory Sciences Program in Cytotechnology and the Pennsylvania
 Association of Pathologists.

March 12, 1991 *Urinary Tract Cytology*
 Thomas Jefferson College of Allied Health Sciences Department of
 Laboratory Sciences Program in Cytotechnology and the Pennsylvania
 Association of Pathologists.

CURRENT EDITORIAL BOARD POSITIONS:

2012-present **Journal of the American Society of Cytopathology**
 2006-present **Section Editor in Cytopathology:** *Archives of Pathology and Laboratory
 Medicine.* Publisher: College of American Pathologists
 2000- present **Editorial Board:** *Diagnostic Cytopathology*
 Publisher: Wiley-Liss

Awards/Grants:

2000 American Society of Cytopathology Certificate of Merit
 2000 College of American Pathologists Leadership 2000 Scholarship
 2007 College of American Pathologists Spokesperson Training Program Scholarship
 2010 Einstein Society Innovative Program Grant, awarded \$37, 500 for project titled:
 A Multidisciplinary Approach to Rapid Process Improvement
 2011 American Society of Cytopathology Meritorious Service Award
 2011 Peer Review Scientific Merit Poster Award, Innovative Program Category (First
 Prize), for poster titled A Multidisciplinary Approach to Rapid Process
 Improvement, First Place Poster, Albert Einstein Healthcare Network 23rd Annual
 Research Recognition Day.

RESEARCH COLLABORATION:**EINSTEIN MEDICAL CENTER**

2012 –2014 The Cancer Genome Atlas (TCGA) Project, in Collaboration with the National Cancer
 Institute
 2011- 2014 Principal Investigator for Einstein Tissue Source Site: Genotype Tissue Expression Project
 through the NIH common fund initiative in collaboration with National Disease Research
 Interchange

FOX CHASE CANCER CENTER

2007-2008 Proteomic Biomarkers Identified In Pancreatic Cyst Fluids.
 Collaborator: A. T. Yeung, Ph.D.
 1998-2008 Review of Fox Chase Cancer Center institutional experience in the use of FNAB in the
 diagnosis and subclassification of Non-Hodgkin lymphoma
 Collaborator: M. R. Smith MD
 2001-2005 Radiofrequency ablation of resectable non-small cell lung carcinoma.
 Collaborator: W.J. Scott, MD
 2001-2003 Use of laser image capture microscopy to analyze cells in benign and malignant breast
 tissue for sensitive molecular markers in both fine needle aspiration and correlative tissue
 biopsy sections as part of the breast DOD Clinical Translational Research Award
 proposals
 Collaborator: J. Russo MD
 2002 Effect of loss of PTEN and other cooperative genetic changes on the development of
 endometrial lesions in mouse models
 Collaborator: A. Di Cristofano

NANCY A. YOUNG, M.D.

- 2002 Analysis of sentinel lymph node metastasis in breast cancer to determine the appropriate indications for completion axillary dissection
Collaborator: M.H. Torosian MD
- 1997-1998 Use of histopathologic intermediate endpoints to measure the efficacy of neoadjuvant chemoradiation on pancreatic adenocarcinoma
Collaborator: J.P. Hoffman M.D.
- 2000-2003 Study of immunohistochemistry stains (including Hep Par 1, Glut-1, CA15-3, BCA-225, Das-1, and TTF-1) to diagnose malignancy in serous effusions or liver biopsies or identify the origin of tumors once found.
Collaborator: R.L. Zimmerman, University of Pennsylvania Health System
- 2002-2007 Study of the CAP Gynecologic and Non Gynecologic Cytology Program Databases to determine Cytopathology practice patterns
Collaborators: Members of the CAP Cytopathology Resource Committee

PUBLICATIONS

JOURNALS:

1. Young NA, Neeson T, Bernal D, Hernandez E, Grotkowski CE. Retrorectal Cystic Hamartoma Diagnosed by Fine Needle Aspiration Biopsy. *Diagnostic Cytopathology* 1990;6:359-363
2. Young NA, Nicosia RF. Sacral Tumor with Neuroendocrine Differentiation. *Ultrastructural Pathology* 1991;12:195-199
3. Young NA, Villani M, Khoury P, Naryshkin S. Differential Diagnosis of Cystic Neoplasms of the Pancreas by Fine Needle Aspiration. *Archives of Pathology and Laboratory Medicine* 1991; 115: 571-577.
4. Davidson A, Eshaghpour E, Young N, Mintz GS. Late Thrombosis of a Coronary Artery Mycotic Aneurysm. *American Heart Journal* 1991; 121:1549-1550.
5. Naryshkin S, Daniels J, Young NA, Diagnostic Correlation of Fiberoptic Bronchoscopic Biopsy and Bronchoscopic Cytology Performed Simultaneously. *Diagnostic Cytopathology* 1992; 8:119-123.
6. Young NA. Effect of Chemotherapy on the Lung. *ASCP Check Sample: Cytopathology* 1993;4:1-3.
7. Naryshkin S, Young NA, Respiratory Cytology: A Review of Non- Neoplastic Mimics of Malignancy. *Diagnostic Cytopathology*. 1993;9:89-97.
8. Young NA, Naryshkin S. An Implementation Plan for Autopsy Quality Control and Quality Assurance. *Archives of Pathology & Laboratory Medicine*. 1993;117:531-534.
9. Young NA, Naryshkin S, Katz SM. The Diagnostic Value of Electron Microscopy on Paraffin Embedded Cytologic Material. *Diagnostic Cytopathology*. 1993;9: 282-290.
10. Kasper KJ, Chandresekaran K, Bowman R, Karalis DG, Young NA, Owens JS. Left Ventricular Outflow Tract To Left Atrial Communication Due to Mitral Valve Endocarditis. *American Heart Journal*. 1993;125:1792-1797.
11. Young NA, Naryshkin S, Bowman RL. Value of Repeat Cervical Smears at the Time of Colposcopic Biopsy. *Diagnostic Cytopathology*. 1993;9:646-649.

NANCY A. YOUNG, M.D.

12. Young NA, Mondestin MAJ, Bowman RL. Ischemic Changes in Fetal Myocardium - an autopsy series. *Archives of Pathology & Laboratory Medicine*. 1994;118:289-292.
13. Chandresekaran K, Sehgal CM, Hsu, TL, Young N, D'Adamo AJ, Robb RA, Pandian NG. Three-dimensional volumetric ultrasound imaging of arterial pathology from two-dimensional intravascular ultrasound: An in-vitro study. *Angiology-Journal of Vascular Diseases*. 1994;45:2533-264.
14. Young NA, Kline TS. Benign Cellular Changes: Allied Ambiguity in CLIA '88 and The Bethesda System. *Diagnostic Cytopathology*. 1994;10: 309-310.
15. Young NA, Naryshkin S, Atkinson BF, Ehya H, Gupta PK, Kline TS, Luff RD. Interobserver variability of cervical smears with squamous cell abnormalities: A Philadelphia Study. *Diagnostic Cytopathology*. 1994;11:352-35.
16. Hutchins GM, Baker PB, Bove KE, Chandler AB, Davis GJ, Gray B, Froede RC, Geller SA, Hanzlick R, Heidelberger K, Hill RB, Kircher T, McManus BM, Okeane JC, Peters HJ, Stocker JT, Wallen ED, Weiland LH, Young NA. Practice guidelines for autopsy pathology—Autopsy Reporting. *Arch Pathol Lab Med*. 1995;119:123-130.
17. Young NA. The significance of parakeratosis and relationship to The Bethesda System. *ASCP Check Sample: Cytopathology II*, 1995;6:127-139.
18. Young NA, Al-Saleem TI, Al-Saleem Z, Ehya H, Smith MR. The value of transformed lymphocyte count in subclassification of Non-Hodgkin's lymphoma by fine needle aspiration. *Am J Clin Pathol*. 1997;108:143-151.
19. Young NA. Can Academic and Nonprofit Cytology Laboratories Survive? Should They? *Diagnostic Cytopathology*. 1997;16: 473-475.
20. Tedeschi M, Langer C, Young NA. What's causing this left lower lobe infiltrate? *Primary Care & Cancer*. 1998;18:25-28.
21. Young NA, Al-Saleem TI, Ehya H, Smith MR. Utilization of fine needle aspiration cytology and flow cytometry in the diagnosis and subclassification of primary and recurrent lymphoma. *Cancer Cytopathol* 1998;84:252-261.
22. Hoffman JP, Cooper HS, Young NA, Pendurthi TK. Preoperative chemotherapy of chemoradiotherapy for the treatment of adenocarcinoma of the pancreas and ampulla of vater. *Hepatobiliary Pancreat Surg*. 1998;5:251-254.
23. Young NA, Al-Saleem T. Hematopathologists and Cytopathologists: Enemies or Allies? *Diagnostic Cytopathology*. 1999;21:305-306.
24. Young NA, Al-Saleem T. Diagnosis of lymphoma by fine-needle aspiration cytology in the REAL era. *Cancer Cytopathology*. 1999;87:325-345.
25. Young NA, Ehya HE, Klein-Szanto A, Litwin S, Smith MR, Al-Saleem, T. Differentiating large cell lymphoma from indolent small B cell lymphoma in fine needle aspirates using p53, PCNA, and transformed lymphocyte count. *Acta Cytologica*. 2000;44:592-603.
26. Zimmerman RL, Burke M, Young NA, Solomides CC, Bibbo M. Diagnostic value of hepatocyte paraffin 1 antibody to discriminate hepatocellular carcinoma from metastatic carcinoma in fine needle aspiration biopsies of the liver. *Cancer Cytopathol* 2001;93:288-91.

NANCY A. YOUNG, M.D.

26. Zimmerman RL, Burke M, Young NA, Solomides CC, Bibbo M. Diagnostic utility of Glut-1 and CA15-3 for Discriminating adenocarcinoma from hepatocellular carcinoma in liver tumors biopsied by fine needle aspiration. *Cancer Cytopathol* 2002;96:53-57.
27. Solomon D, Davey D, Kurman R, Moriarty A, O'Connor D, Prey M, Raab S, Sherman M, Wilbur D, Wright T, Young N. The 2001 Bethesda System: Terminology for Reporting Results of Cervical Cytology. *JAMA* 2002;287:2114-19.
28. Young, NA. Back to the Negative Pap test: Behind the Scenes at Bethesda 2001. *Diagnostic Cyoptahology* 2002;26:207-208.
29. Young NA, Mody DR, Davey DD. Misinterpretation of normal cellular elements in fine needle aspiration biopsies Observations from the College of American Pathologists Interlaboratory Comparison Program in Non-Gynecologic Cytopathology. *Arch Pathol Lab Med* 2002;126:670-675.
30. Wetherington RW, Cooper HS, Al-Saleem T, Ackerman D, Adams-McDonnell R, Davis W, Ehya H, Patchefsky AS, Suder J, Young NA. Clinical significance of performing immunohistochemistry on cases with a previous diagnosis of cancer coming to a national comprehensive cancer center for treatment or second opinion. *Am J Surg Pathol* 2002;26:1222-1230.
31. Young NA, Mody DR, Davey DD. Diagnosis and subclassification of breast carcinoma by fine needle aspiration biopsy: Results of the Interlaboratory Comparison Program in Non-Gynecologic Cytopathology. *Arch Pathol Lab Med* 2002;126:1453-1457
32. Zimmerman RL, Das KM, Burke MA, Young NA, Solomides CC, Bibbo M. The clinical utility of the Das-1 monoclonal antibody in identifying adenocarcinoma of the colon metastatic to the liver in fine-needle aspiration tissue. *Cancer*. Dec 25 2002;96(6):370-373.
33. Ehya H, Young NA. Cytologic approach to tumors of the trachobroncial tree. *Chest Surg Clin N Am* 2003;43:1-22.
34. Moriarty AT, Young NA. The Four R's: Reactive/Repair, Reporting and Regulations. *Diagnostic Cytopathology*. 2003;29:1-3.
35. Renshaw AA, Young NA, Birdsong GG, Styer PE, Davey D, Mody DR, Colgan TJ. Comparison of performance of conventional and ThinPrep Gynecologic Preparations in the College of American Pathologists Gynecologic Cytology Program *Arch Pathol Lab Med* 2004;128:17-22.
36. Young NA, Ehya H. Grading Follicular Lymphoma. The Achilles Heel of Diagnosis by Cytology. *Acta Cytologica* 2004;48:117-118
37. Renshaw A, Schulte MA., Plott E, Dubray-Benstein B, Cobb CJ, Lozano R, Neal MH, Hughes JH, Young NA, Prey M. Cytologic Features of High-Grade Squamous Intraepithelial Lesion in ThinPrep Papanicolaou Test Slides. Comparison of Cases That Performed Poorly With Those That Performed Well in the College of American Pathologists Interlaboratory Comparison Program in Cervicovaginal Cytology. *Arch Pathol Lab Med*. 2004;128:746-748.
38. Hughes J, Young NA, Wilbur DC, Renshaw AA, Mody DR. Fine-Needle Aspiration of Pulmonary Hamartoma: A Common Source of False-Positive Diagnoses in the College of American Pathologists Interlaboratory Comparison Program in Nongynecologic Cytology. *Arch Pathol Lab Med*. 2005;129:19-22.
39. Nguyen C, Scott W, Young N, Rader T, Lydia G, Goldberg M. Radiofrequency Ablation of Primary Lung Cancer: Results from an Ablate and Resect Pilot Study. *Chest*. 2005;128:3507-3511..

40. Young NA. Grading Follicular Lymphoma on FNA Specimens—A Practical Approach. *Cancer Cytopathol.* 2006;108:1-9.
41. Young NA, Moriarty AT, Wash MK, Wang E, Wilbur DC. The potential for failure in gynecologic proficiency testing (PT) with current slide validation criteria—Results from the College of American Pathologists (CAP) Interlaboratory Comparison in Gynecologic Cytology (PAP) Program. *Arch Pathol Lab Med.* 2006;130:1114-8
42. Young NA, Moriarty AT, Haja J, Wilbur DC. Fine Needle Aspiration Biopsy of Lymphoproliferative Disorders—Interpretations Based on Morphologic Criteria Alone. Results from the College of American Pathologists (CAP) Interlaboratory Program in Nongynecologic Cytopathology . *Arch Pathol Lab Med.*2006;130:1766-1771.
43. Young NA, Greening SE, Gupta P, Bibbo M, Ehya H. The Declining Pap Test. An Omen of Extinction or an Opportunity for Reform? *Acta Cytologica.* 2008;52:277-278
44. Ke, E., Patel, B.B., Liu, T., Li, X.M., Haluszka, O., Hoffman, J., Ehya, H., Young, N.A., Watson, J.C., Weinberg, D., Nguyen, M., Cohen, S.J., Meropol, N.J., Litwin, S., Tokar, J.L., and Yeung, A.T. Proteomic Analyses of Pancreatic Cyst Fluids, *Pancreas* 2009 Mar;38(2):e33-42
45. Knorr JP, Grewal KS, Balasubramanian M, Young N, Zaki R, Khanmoradi K, Araya V, Ortiz J. Falsely Elevated Tacrolimus Levels Caused by Immunoassay Interference Secondary to Beta-Galactosidase Antibodies in an Infected Liver Transplant Recipient. *Pharmacotherapy* 2010;30:339e–343e.
46. Andrew H Fischer, Edmund S Cibas, Lydia P Howell, Elizabeth M Kurian, Rodolfo Laucirica, Ann T Moriarty, Andrew A Renshaw, Maureen F Zakowski, and Nancy A Young. Role of Cytology in the Management of Non-Small-Cell Lung Cancer, *Journal of Clinical Oncology* 2011;29:3332-3333
47. Melin C, Miick R, Young N, Ortiz J, Balasubramanian M. Approach to Intraoperative Consultation for Donor Liver Biopsies . *Archives of Pathology and Laboratory Medicine.* 2013, Vol;137: 270-274
48. Kurtycz D, Field A, Tabatabai L, Michaels C, Young N, Schmidt CM, Farrell J, Gopal D, Simeone D, Merchant NB, Pitman MB. Post Brushing and Fine Needle Aspiration Biopsy Follow-up and Treatment Options for Patients with Pancreatobiliary Lesions: The Papanicolaou Society of Cytopathology Guidelines. *CytoJournal* 2014, Vol.42: 363-371
49. Young NA, Win KK, Pomo L, Anastasopoulou C, Minimo M, Mayrin J. An academic community hospital experience using commercially available molecular testing in the management of indeterminate thyroid nodules. *Journal of American Society of Cytopathology.* 2018, Vol. 7:92-98

BOOKS/CHAPTERS:

50. Young NA, Bibbo M, Buckner S, Colgan T, Prey M. Non-Neoplastic Findings.(Chapter 2) In: Solomon D, Nayar R, eds. *The Bethesda System for Reporting Cervical/Vaginal Cytologic Diagnoses.* Second edition. New York: Springer-Verlag. 2004
51. Hutchins GM, Baker PB, Bjornsson J, Chandler AB, Davis GJ, Hanzlick RL, Heidelberger KP, McManus BM, Wallen EB, Young NA, et al. Autopsy Pathology (Chapter 5). In: Travers H, ed. *Quality improvement manual in anatomic pathology.* Northfield: College of American Pathologists, 1993:99-110.
52. Young NA. QA issues and problems specific to the autopsy (Part I) *in* *Advances in Pathology and Laboratory Medicine.* St. Louis, C.V. Mosby. Volume 8:1995:63-76.

NANCY A. YOUNG, M.D.

53. Young NA and Wilbur D. Human Papillomavirus: Basic Facts and Relevance to Gynecologic Cytology (Chapter 3) In College of American Pathologists Practical Guide to Gynecologic Cytopathology. Morphology, Management and Molecular Methods. Northfield: College of American Pathologists. 2008
54. Young NA, Al-Saleem T. Lymph Nodes and Flow Cytometry (Chapter 24). In: Bibbo M and Wilbur DC, eds. Comprehensive Cytopathology, Third Edition. Philadelphia: W.B. Saunders 2008
55. Young NA, Dulaimi, E. Al-Saleem T. Lymph Nodes and Flow Cytometry (Chapter 25) . In: Bibbo M and Wilbur DC, eds. Comprehensive Cytopathology, Fourth Edition. Philadelphia: W.B. Saunders 2014
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