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Thomas M. Kolb, M.D.

New York, N.Y.

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Expert Information

Company: Jacob Lichy, MD and Thomas M. Kolb, M.D. PC

Address: 222 East 68th Street
New York, N.Y. 10065

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Additional Information

Academic Position:

1996 - 2010
Assistant Clinical Professor of Radiology
Columbia University
College of Physicians and Surgeons
New York, NY 10032

2012-Present
Preceptor /Director
Fellowship Training in Breast Ultrasound
For the Department of Breast Surgical Oncology
Memorial Sloane Kettering Cancer Center
New York, N.Y. 10065

Private Practice:

1992-Present

Jacob Lichy, MD and Thomas M. Kolb, M.D. PC
222 East 68th St.

New York, NY 10065

Co-owner

Diagnostic Imaging

Mammography, Ultrasound, MRI and Percutaneous Biopsy

Breast Cancer Detection and Woman's Imaging

Precision Imaging of New York, PC (2012-Present)
222 East 68th St.
New York, NY 10065

Co- Owner

Diagnostic Imaging

MRI, CT and X-ray Imaging:

Neuroradiology, Body and Musculoskeletal Imaging

Date of Birth: June XX, 1957

Place of Birth: New York, NY

7/90 - 3/92

Private Practice:

Fairlawn, New Jersey

Diagnostic Radiology: All modalities including, CT, ultrasound, nuclear medicine and mammography as well as protocols, special applications and interpretation of low and high field strength MRI studies. Cofounded mammography screening program.

Residency:

1986 - 1990

Diagnostic Radiology

Columbia Presbyterian Medical Center

Columbia University

622 West 168th St.

New York, NY 10032

1984- 1986

Pediatrics

Albert Einstein College of Medicine

Montefi ore Medical Center, Bronx, NY 10461

Internship:

1983 - 1984

Pediatrics

Albert Einstein College of Medicine

Montefiore Medical Center

Bronx, NY 10461

Education:

1979 - 1983, M.D.
Downstate Medical School
Brooklyn, NY 11203

1975 - 1979, B.S.
Queens College
City University of New York
Queens, NY 11367

Medical Licensors:

1983
New York - 161060

1990
New Jersey -55137

Board Certifications:

1990
Diplomate, American Board of Radiology

1987
Diplomate, American Board of Pediatrics

1983
Diplomate, National Board of Medical Examiners

2. **Comparison of the Performance of Screening Mammography, Physical Examination and Breast Ultrasound and Evaluation of the Factors that Influence Them: An Analysis of 27,825 Patient Evaluations.** Radiology 2002;225;165-175

3. **Screening Ultrasound Detection of Occult Cancer in Women with Dense Breasts: Diagnostic Yield and Tumor Characteristics in 2600 Consecutive Women:** Supplement to Radiology, Nov. 1996. Volume 201 (P):1269

4. **The Prevalence of Breast Cysts in Post Menopausal Women as Determined by Breast Ultrasound:** Supplement to Radiology, Nov. 1996 Volume 201 (P): 1268

5. **The Sensitivity and Specificity of Electrical Impedance Imaging for Carcinoma in Women with Known Breast Lesions: The Effect of Lesion Size.** Radiology; Nov. 2002 (P):

6. **Occult Cancer in Women with Dense Breasts: Detection with Sceening Ultrasound- Diagnostic Yield and Tumor Characteristics.** Radiology: 1998; 207:191-199

7. **The Effect of Breast Density, Age, and Hormonal Status Upon Breast Cancer Detection and Stage: A Comparison of the Sensitivities of Screening Mammography, Ultrasound and Physical Examination.** Radiology: November 1998:Volume
209(P):391-2

8. **The Impact of Whole Breast Screening Ultrasound in Women with Dense Breasts and Recently Diagnosed Breast Cancer. Radiology**: November 2000 Volume 211(P):238.

9. **A Novel Post-Processing Algorithm for Digital Mammography: Effect on Conspicuity, Sensitivity, Speed and Confidence.** Supplement to AJR May, 2004

10. **Primary Investigator, Digital Breast Tomosynthesis Trial (DBT)** GE Medical Systems, Milwaukee, Wisconsin (sponsor) 2007-present.

Societies:

1994 - Present
New York County Medical Society

1994 - Present
Society of Breast Imaging

1992 - Present
New York Metropolitan Breast Group

1990 - Present
Radiologic Society of North America

1986 - Present
Fellow American College of Radiology

1983 - Present
Fellow American Academy of Pediatrics

1994 - Present
American Society of Breast Disease

Advanced MRI Experience:

1988 - 1990
Clinical Scientific Advisor: Advanced NMR Systems, Inc. Woburn, MA
Includes Clinical development of High Speed
(Echo-planar) MR Imaging System, now in routine clinical use.

BREAST IMAGING AND DIAGNOSIS: EXPERIENCE AND ACCREDITATION

1. 1987 - 1990
Columbia Presbyterian Medical Center
New York City, New York 10032

2. 7/1990 - 3/1992

Received ACR accreditation
Mammographic interpretation
ACR accredited mammography facilities

3. 3/1992 - Present

Mammographic interpretation and Clinical Breast evaluation Interpret 10,000 mammograms per year in addition to performing complete physical examination on each patient in conjunction with mammographic evaluation

4. 3/1992 - Present

Personally perform & interpret 3500 breast ultrasounds per year

5. 3/1992 - Present

Personally perform >300 Ultrasound or Stereotactic guided breast biopsies per year

6. 3/1994 - Present

Physician in-charge of Mammography Quality Assurance.

Sample Course Lectures:

a) Risk Reduction for Breast Cancer Diagnosis: How to Reduce Your Risk of Being Sued

b) Screening Breast US

c) The Accuracy of Breast US

d) Sestamibi Breast Imaging: Worthwhile or Worthless

e) Sentinel Lymph Node Biopsy: What the Imager Needs to Know

f) New Technologies for Breast Cancer Detection and Diagnosis

g) Benign Breast Masses

h) Malignant Breast Masses

FEATURED LECTURES (Sample)

1. "The Benign Breast" presented at Columbia Presbyterian Medical Center, College of Physicians and Surgeons, New York, NY April, 1994

2. Review of Breast Imaging, The New York Hospital and Memorial Sloane Kettering Cancer Center, New York, NY, May, 1994.

3. "Non Invasive Breast Cancer" presented at Columbia Presbyterian Medical Center College of Physicians and Surgeons, New York, NY November, 1994, and November, 1996.

4. "Screening Ultrasound Detection of Breast Cancer Missed by Mammography" presented at Columbia Presbyterian Medical Center College of Physicians and Surgeons, New York, NY November 13, 1996.

5. "New Concepts in Breast Health & Breast Cancer Detection." presented to Executive Health Group, New York, NY Nursing Directors Division. October 10, 1996.

6. "Breast Ultrasound; Indications, Techniques & Equipment." presented at Columbia Presbyterian Medical Center, January 31, 1997.

7. "The Underutilization of Breast Ultrasound." presented at the Advanced Technology Laboratories sponsored conference, Orlando, Florida, February 23, 1997.

8. "Breast Ultrasound: A New Strategy for Breast Cancer Detection." presented at the White Beaches Country Club, Haworth, New Jersey, July 22, 1997.

9. "Advanced Ultrasound Techniques Update." Piedmont Hospital; Atlanta, Georgia. November 1, 1997

10 "The Genetics of Breast Cancer, Implications for Jewish Women; Options for Risk Reduction." Breast Cancer Detection in High Risk Women. Sponsored by the American Jewish Congress. Adelphi University. November 3, 1997.

11. "Occult Cancer in Women with Dense Breasts: Detection with Screening Ultrasound. Should It Become Standard Practice?" presented to the New York Metropolitan Breast Cancer Group. Memorial Sloane-Kettering Cancer Center, New York, NY April 7, 1998.

12. "Screening Breast Ultrasound in Women with Dense Breasts: Should you be doing it?" New York Metropolitan Mammography Society. March 9, 2000 New York, NY

13. "Earlier and Easier: The Future of Breast Cancer Detection" October 12, 2000 New York Academy of Science. New York, NY

14. "Screening Breast Ultrasound" New York Metropolitan Breast Group. April 25, 1998. New York, NY

15. "Breast Cancer Diagnosis" Grand Rounds and Journal Club. May 25, 1999. Memorial Sloan Kettering Cancer Center. New York, NY

16. Breast Cancer Diagnosis (7 Lectures) Course: Breast Cancer Diagnosis in the New Millenium. Naples, Florida. November5-9, 2000

17. "Earlier and Easier: The Future of Breast Cancer Detection" City of Hope Annual Luncheon. October 15, 1999. Pierre

Hotel, New York, NY

18. Breast Cancer Diagnosis (5 Lectures) Course: Breast Cancer Diagnosis: State of the Art. Naples, Florida. July 5-9, 1999

19. Breast Cancer Diagnosis (7 Lectures) Course: Breast Cancer Diagnosis in the New Millenium. Savannah, Georgia. April 20-24, 2000

20. Breast Cancer Diagnosis (7 Lectures) Course: Breast Cancer Diagnosis in the New Millenium. Hilton Head Island, SC. March, 1999

21. Screening Breast Ultrasound: Presented at the American Institute of Ultrasound in Medicine Annual Meeting. San Francisco, CA. April, 2000

22. RSNA 2001 - Special Focus Session Breast Ultrasound: It Expanding Role in Patient Management; November 29, 2001, Chicago, Illinois

23. AMA Science Writers Group: Comparing the Performance of Screening Mammography, Physical Examination and Breast Ultrasound. September 17, 2002 Washington, D.C.

24. 21st Annual Pittsburgh Breast Imaging Symposium August, 2003

25. Montreal Breast and Osteoporosis Seminar. (Three Lectures) Breast cancer Diagnosis September 6-9, 2004. Montreal, Quebec, Canada

25. RSNA 2004 -- Advances in Breast Imaging; Physics Technology and Clinical Applications. Categorical Course. Breast US for Screening, Diagnosing and Staging Breast Cancer; Issues and Controversies. December 2, 2004. Chicago Illinois

26. New York Roentgen Society 2005 Annual Meeting. April 2, 2005; Breast Ultrasound: Screening and Biopsy. New York, NY.

27. RSNA 2005 -- Advances in Breast Imaging; Physics Technology and Clinical Applications. Categorical Course. Breast US for Screening, Diagnosing and Staging Breast Cancer; Issues and Controversies. December 2, 2005. Chicago Illinois

28. American Society of Breast Disease. Screening Breast Ultrasound: Data and Procedure. March 27, 2006. Las Vegas, Nevada

29. Nordic Mammography Screening Symposium VI: Screening with Ultrasound. April 19, 2006. Copenhagen, Denmark

30. Chicago International Breast Course; Cancer Detection in Women with Dense Breasts; October 2007. Chicago Illinois

31. Analysis of Digital Breast Tomosynthesis: GE Medical Systems; January 2008. Paris, France

32. University of North Carolina at Chapel Hill Biomedical Research Imaging Center. Breast Imaging Symposium; Digital Breast Tomosynthesis; Preliminary Clinical Results; Chapel Hill, NC. October 29, 2009.

33. New York State Breast Density Inform Bill (S.6769-B); Medical Expert Testimony; May 2012; Albany NY.

34. Women In Government Annual Meeting; The Impact of Breast Density on Cancer Detection; November 2012; Washington D.C.