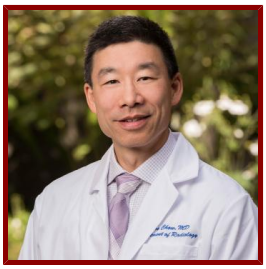
Stanford



Lawrence C. Chow

Clinical Professor, Radiology

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

CLINICAL FOCUS

- Emergency Radiology
- Body Imaging
- Abdominal Imaging

ACADEMIC APPOINTMENTS

- Clinical Professor, Radiology

ADMINISTRATIVE APPOINTMENTS

- Division Chief, Emergency Radiology, (2026- present)
- Director of After-hours Imaging, Department of Radiology, (2025- present)
- Associate Division Chief, Division of Body Imaging, (2020-2026)
- Director of Emergency Radiology, Department of Radiology, (2018-2026)

HONORS AND AWARDS

- Cum Laude Award, Educational Exhibits, ASER (2024)
- Certificate of Merit, Educational Exhibits, RSNA (2007)
- 2nd Place Paper, Society of Uroradiology (2004)
- Cum Laude Award, SCBT/MR (2003)
- Hounsfield Award, SCBT/MR (2002)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Core Curriculum Committee, Chair (2025-), American Society of Emergency Radiology (2023 - present)
- Chair, GU Subcommittee, Radiological Society of North America EEAC (2018 - 2020)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Radiology Fellowships (2001) CA
- Residency: Stanford University Radiology Residency (2000) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2000)
- Internship: University of Vermont School of Medicine (1996) VT
- Medical Education: University of Michigan School of Medicine (1995) MI
- AB, Cornell University , Biology, Cell and Molecular (1990)

Publications

PUBLICATIONS

- **Optimizing Radiography Utilization: Multidisciplinary Expert Consensus Recommendations Endorsed by the Society of Academic Bone Radiologists, Society of Skeletal Radiology, American Society of Emergency Radiology, Orthopaedic Trauma Association, American Academy of Emergency Medicine, and American Rhinologic Society.** *Radiology*
  Zandee van Rilland, E. D., Fayad, L. M., Link, T. M., Davis, K. W., Wu, J. S., Brown, I. P., Chang, E. Y., Chow, L. C., Desai, S. C., Fritz, J., Gatz, J. D., Garner, H. W., Gorbachova, et al
  2026; 319 (2): e252309
- **Complication to consider: delayed traumatic hemothorax in older adults** *Trauma Surgery Acute Care Open*
  Choi, J., Anand, A., Sborov, K. D., Walton, W., Chow, L., Guillamondegui, O., Dennis, B. M., Spain, D., Staudenmayer, K.
  2021
- **Using Online Survey Software to Enhance Radiology Learning.** *Academic radiology*
  Kelahan, L. n., Cheng, S. N., Kagoma, Y. K., Horowitz, J. M., Miller, F. H., Guo, H. H., Chow, L. n.
  2020
- **A review of internal hernias related to congenital peritoneal fossae and apertures.** *Abdominal radiology (New York)*
  Kelahan, L. n., Menias, C. O., Chow, L. n.
  2020
- **Pitfalls in MDCT urography** *APPLIED RADIOLOGY*
  Moore, R., Harvin, H., Chow, L.
  2018; 47 (12): 16–21
- **Mullerian Duct Anomalies: Embryological Development, Classification, and MRI Assessment** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
  Robbins, J. B., Broadwell, C., Chow, L. C., Parry, J. P., Sadowski, E. A.
  2015; 41 (1): 1–12
- **MRI of Pregnancy-Related Issues: Mullerian Duct Anomalies** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Robbins, J. B., Parry, J., Guite, K. M., Hanson, M. E., Chow, L. C., Kliewer, M. A., Sadowski, E. A.
  2012; 198 (2): 302–10
- **Computer-aided detection (CAD) of lung nodules in CT scans: radiologist performance and reading time with incremental CAD assistance** *EUROPEAN RADIOLOGY*
  Roos, J. E., Paik, D., Olsen, D., Liu, E. G., Chow, L. C., Leung, A. N., Mindelzun, R., Choudhury, K. R., Naidich, D. P., Napel, S., Rubin, G. D.
  2010; 20 (3): 549-557
- **Split-bolus MDCT urography with synchronous nephrographic and excretory phase enhancement** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Chow, L. C., Kwan, S. W., Olcott, E. W., Sommer, G.
  2007; 189 (2): 314-322
- **Right Lower Quadrant Pain: Rule Out Appendicitis** *Ultrasound: A Practical Approach to Clinical Problems*
  Chow, L., Jeffrey, R. B.
  Thieme Medical Publishers.2007; 2nd

- **Isolated fallopian tube torsion: A rare twist on a common theme** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Gross, M., Blumstein, S. L., Chow, L. C.
  2005; 185 (6): 1590-1592
- **Vascular mapping of the leg with multi-detector row CT angiography prior to free-flap transplantation** *87th Scientific Assembly and Annual Meeting of the Radiological-Society-of-North-America*
  Chow, L. C., Napoli, A., Klein, M. B., Chang, J., Rubin, G. D.
  RADIOLOGICAL SOC NORTH AMERICA.2005: 353–60
- **Measurement of renal extraction fraction with contrast-enhanced CT** *RADIOLOGY*
  Sommer, G., Olcott, E. W., Chow, L. C., Saket, R. R., Schraedley-Desmond, P.
  2005; 236 (3): 1029-1033
- **Estimation of renal extraction fraction based on postcontrast venous and arterial differential T-1 values: An error analysis** *MAGNETIC RESONANCE IN MEDICINE*
  Levin, Y. S., Chow, L. C., Pec, N. J., Sommer, F. G., Spielman, D. M.
  2005; 54 (2): 309-316
- **The sonographic features of papillary thyroid carcinomas: pictorial essay.** *Ultrasound quarterly*
  Jun, P., Chow, L. C., Jeffrey, R. B.
  2005; 21 (1): 39-45
- **Pulmonary nodules on multi-detector row CT scans: Performance comparison of radiologists and computer-aided detection** *RADIOLOGY*
  Rubin, G. D., Lyo, J. K., Paik, D. S., Sherbondy, A. J., Chow, L. C., Leung, A. N., Mindelzun, R., Schraedley-Desmond, P. K., Zinck, S. E., Naidich, D. P., Napel, S.
  2005; 234 (1): 274-283
- **Parallel imaging of the abdomen.** *Topics in magnetic resonance imaging*
  Margolis, D. J., Bammer, R., Chow, L. C.
  2004; 15 (3): 197-206
- **Measurement of renal extraction fraction using contrast-enhanced computed tomography** *MEDICAL PHYSICS*
  Sommer, G., Chow, L., Pelc, N.
  2004; 31 (1): 37-38
- **Multidetector ct urography in clinical practice** *Applied Radiology*
  Saket, R., Chow, L.
  2004; 33: 22-32
- **Single breath-hold diffusion-weighted imaging of the abdomen** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
  Chow, L. C., Bammer, R., Moseley, M. E., Sommer, F. G.
  2003; 18 (3): 377-382
- **Multidetector CT of pancreatic adenocarcinoma: diagnostic advances and therapeutic relevance** *EUROPEAN RADIOLOGY*
  Prokesch, R. W., Schima, W., Chow, L. C., Jeffrey, R. B.
  2003; 13 (9): 2147-2154
- **Early experience with computed tomographic angiography in microsurgical reconstruction** *PLASTIC AND RECONSTRUCTIVE SURGERY*
  Klein, M. B., Karanas, Y. L., Chow, L. C., Rubin, G. D., Chang, J.
  2003; 112 (2): 498-503
- **Multidetector CT of the Urinary Tract** *Multidetector CT: Principles, Techniques and Clinical Applications*
  Chow, L. C., Sommer, F. G.
  Lippincott, Williamsn & Wilkins.2003
- **Local staging of pancreatic carcinoma with multi-detector row CT: Use of curved planar reformations initial experience** *RADIOLOGY*
  Prokesch, R. W., Chow, L. C., Beaulieu, C. F., Nino-Murcia, M., Mindelzun, R. E., Barnmer, R., Huang, J., Jeffrey, R. B.
  2002; 225 (3): 759-765
- **A comprehensive approach to MR imaging of mesenteric ischemia** *ABDOMINAL IMAGING*

Chow, L. C., Chan, F. P., Li, K. C.
2002; 27 (5): 507-516

- **Isoattenuating pancreatic adenocarcinoma at multi-detector row CT: Secondary signs** *RADIOLOGY*
  Prokesch, R. W., Chow, L. C., Beaulieu, C. F., Bammer, R., Jeffrey, R. B.
  2002; 224 (3): 764-768
- **CT angiography of the arterial system** *RADIOLOGIC CLINICS OF NORTH AMERICA*
  Chow, L. C., Rubin, G. D.
  2002; 40 (4): 729-?
- **CT angiography of the subclavian artery: Utility of curved planar reformations** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
  Prokesch, R. W., Coulam, C. H., Chow, L. C., Bammer, R., Rubin, G. D.
  2002; 26 (2): 199-201
- **Power Doppler imaging and resistance index measurement in the evaluation of acute renal transplant rejection** *JOURNAL OF CLINICAL ULTRASOUND*
  Chow, L., Sommer, F. G., Huang, J., Li, K. C.
  2001; 29 (9): 483-490
- **Multidetector CT urography with abdominal compression and three-dimensional reconstruction** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Chow, L. C., Sommer, F. G.
  2001; 177 (4): 849-855
- **Miliary tuberculosis: radiographic features** *Applied Radiology*
  Chow, L., Stark, P.
  2000; 29: 25-28
- **Intramural varices of the bile duct: An unusual pattern of cavernous transformation of the portal vein** *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Chow, L., Jeffrey, R. B.
  1999; 173 (5): 1255-1256
- **Blockade of angiotensin converting enzyme but not of angiotensin AT(1) receptors improves glucose tolerance** *EUROPEAN JOURNAL OF PHARMACOLOGY*
  Chow, L., DeGasparo, M., Levens, N.
  1997; 319 (1): 77–83
- **Gastric acid secretion after blockade of angiotensin AT(1) receptors in the Na+-depleted rat** *EUROPEAN JOURNAL OF PHARMACOLOGY*
  Chow, L., Zakrzewska, K., DeGasparo, M., Cumin, F., Levens, N.
  1995; 294 (1): 309–17
- **PREOPERATIVE EXAMINATION OF LUNG-TRANSPLANT CANDIDATES - VALUE OF CHEST CT COMPARED WITH CHEST RADIOGRAPHY**
  KAZEROONI, E. A., CHOW, L. C., WHYTE, R. I., MARTINEZ, F. J., LYNCH, J. P.
  AMER ROENTGEN RAY SOC.1995: 1343–48
- **IMPROVED GLUCOSE-METABOLISM FOLLOWING BLOCKADE OF ANGIOTENSIN-CONVERTING ENZYME BUT NOT ANGIOTENSIN AT(1) RECEPTORS** *EUROPEAN JOURNAL OF PHARMACOLOGY*
  CHOW, L., DEGASPARO, M., LEVENS, N.
  1995; 282 (1-3): 77–86