

Stanford



Lawrence C. Chow

Clinical Associate Professor, Radiology

CLINICAL OFFICES

- **Stanford Radiology**

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ACADEMIC CONTACT INFORMATION

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Bio

CLINICAL FOCUS

- Diagnostic Radiology
- Abdominal Imaging

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Radiology

ADMINISTRATIVE APPOINTMENTS

- Director of Emergency Radiology, Department of Radiology, (2018- present)

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

Publications

PUBLICATIONS

- **Pitfalls in MDCT urography** *APPLIED RADIOLOGY*

Moore, R., Harvin, H., Chow, L.

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- **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.

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- **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.
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- **Computer-aided detection (CAD) of lung nodules in CT scans: radiologist performance and reading time with incremental CAD assistance** *EUROPEAN RADIOLOGY*
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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*
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 - **Isolated fallopian tube torsion: A rare twist on a common theme** *AMERICAN JOURNAL OF ROENTGENOLOGY*
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 - **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*
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 - **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*
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- **Early experience with computed tomographic angiography in microsurgical reconstruction** *PLASTIC AND RECONSTRUCTIVE SURGERY*
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- **Multidetector CT of the Urinary Tract** *Multidetector CT: Principles, Techniques and Clinical Applications*
Chow, L. C., Sommer, F. G.
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- **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., Bammer, 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.
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- **CT angiography of the arterial system** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Chow, L. C., Rubin, G. D.
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- **CT angiography of the subclavian artery: Utility of curved planar reformations** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
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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.
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- **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.
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- **Blockade of angiotensin converting enzyme but not of angiotensin AT(1) receptors improves glucose tolerance** *EUROPEAN JOURNAL OF PHARMACOLOGY*
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CHOW, L., DEGASPARO, M., LEVENS, N.
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