Matthew Lungren, MD, MPH
Assistant Professor of Radiology (Pediatric Radiology) at the Stanford University Medical Center
Radiology - Pediatric Radiology

CLINICAL OFFICES
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Bio

CLINICAL FOCUS
- Interventional Radiology
- Diagnostic Radiology

ACADEMIC APPOINTMENTS
- Assistant Professor - Med Center Line, Radiology - Pediatric Radiology
- Member, Bio-X
- Member, Child Health Research Institute
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION
- Board Certification: Diagnostic Radiology, American Board of Radiology (2012)
- Fellow, Cincinnati Children's Medical Center, Pediatric Radiology and Interventional Radiology
- Fellow, Duke University Medical Center, Interventional Radiology
- Resident, Duke University Medical Center, Radiology
- MD, University of Michigan Medical School
- MPH, University of North Carolina Gillings School of Global Public Health

Teaching

STANFORD ADVISEES
Postdoctoral Research Mentor
Derek Holman
Publications

PUBLICATIONS

- Stereotactic body radiotherapy for pediatric hepatocellular carcinoma with central biliary obstruction *Pediatric Blood & Cancer*
  2017; 64 (6)

- The Image Gently Think A-Head Campaign: Keep Calm and Image Gently. *Journal of the American College of Radiology*
  Frush, D. P., Lungren, M. P.
  2017; 14 (2): 301-302

  Hassanpour, S., Langlotz, C. P., Amrhein, T. J., Befera, N. T., Lungren, M. P.
  2017; 1-4

- Endovascular Management of May-Thurner Syndrome in Adolescents: A Single-Center Experience *Journal of Vascular and Interventional Radiology*
  2017; 28 (1): 71-77

- Ultrasound Guided Liver Biopsy with Gelatin Sponge Pledget Tract Embolization in Infants Weighing Less Than 10 kg. *Journal of Pediatric Gastroenterology and Nutrition*
  2016: -?

- Comparison of complications between pediatric peripherally inserted central catheter placement techniques. *Pediatric Radiology*
  2016; 46 (10): 1439-1443

- White Paper on P4 Concepts for Pediatric Imaging *Journal of the American College of Radiology*
  2016; 13 (5): 590-597

- Assessing the Risk of Hemorrhagic Complication following Transjugular Liver Biopsy in Bone Marrow Transplantation Recipients. *Journal of Vascular and Interventional Radiology*
  2016; 27 (4): 551-557

- Ultrasound-Guided Botulinum Toxin Type A Salivary Gland Injection in Children for Refractory Sialorrhea: 10-Year Experience at a Large Tertiary Children's Hospital *Pediatric Neurology*
  Lungren, M. P., Halula, S., Coyne, S., Sidell, D., Racadio, J. M., Patel, M. N.
  2016; 54: 70-75

- Endovascular thrombolysis to salvage central venous access in children with catheter-associated upper extremity deep vein thrombosis: technique and initial results. *Journal of Thrombosis and Thrombolysis*
  2015; 40 (3): 274-279
• Transjugular Intrahepatic Portosystemic Shunt Complications: Prevention and Management. *SEMINARS IN INTERVENTIONAL RADIOLOGY*
  Suhocki, P. V., Lungren, M. P., Kapoor, B., Kim, C. Y.
  2015; 32 (2): 123-132

• Management of Dysfunctional Catheters and Tubes Inserted by Interventional Radiology. *SEMINARS IN INTERVENTIONAL RADIOLOGY*
  Huang, S. Y., Engstrom, B. I., Lungren, M. P., Kim, C. Y.
  2015; 32 (2): 67-77

• Isolated Upper Extremity Posttransplant Lymphoproliferative Disorder in a Child. *Case reports in radiology*
  2015; 2015: 813989-?

• Physician self-referral and imaging use appropriateness: negative cervical spine MRI frequency as an assessment metric. *AJNR. American journal of neuroradiology*
  2014; 35 (12): 2248-2253

• Bacteriophage K Antimicrobial-Lock Technique for Treatment of Staphylococcus aureus Central Venous Catheter-Related Infection: A Leporine Model Efficacy Analysis. *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  2014; 25 (10): 1627-1632

• Global Health Imaging Curriculum in Radiology Residency Programs: The Fundamentals. *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  2014; 11 (10): 968-973

• Ultrasound-guided interventions in children. *EUROPEAN JOURNAL OF RADIOLOGY*
  2014; 83 (9): 1582-1591

• Endovascular Venous Thrombolysis in Children Younger than 24 Months. *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  2014; 25 (8): 1158-1164

• Assessment of vascular contrast and wall motion of the aortic root and ascending aorta on MDCT angiography: dual-source high-pitch vs non-gated single-source acquisition schemes. *EUROPEAN RADIOLOGY*
  Christensen, J. D., Seaman, D. M., Lungren, M. P., Hurwitz, L. M., Boll, D. T.
  2014; 24 (5): 990-997

• Bacteriophage K antimicrobial-lock technique for treatment of Staphylococcus aureus central venous catheter-related infection: a leporine model efficacy analysis. *Journal of vascular and interventional radiology : JVIR*
  2014; 25 (10): 1627–32

• Global health imaging curriculum in radiology residency programs: the fundamentals. *Journal of the American College of Radiology : JACR*
  2014; 11 (10): 968–73

• Comparison of Primary Jejunostomy Tubes versus Gastrojejunostomy Tubes for Percutaneous Enteral Nutrition. *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
  2013; 24 (12): 1845-1852

• Physician Self-Referral: Frequency of Negative Findings at MR Imaging of the Knee as a Marker of Appropriate Utilization. *RADIOLOGY*
  2013; 269 (3): 810-815

• Imaging Self-Referral: Here We Go Again. *AMERICAN JOURNAL OF ROENTGENOLOGY*
  Lungren, M. P., Paxton, B. E., Kilani, R. K.
  2013; 201 (4): W658-W658
- Impact of phase of respiration on central venous catheter tip position. *Journal of Vascular Access*  

- Journal Club: Shoulder MRI utilization: relationship of physician MRI equipment ownership to negative study frequency. *AJR: American Journal of Roentgenology*  
2013; 201 (3): 605-610

2013; 24 (9): 1303-1308

Mollura, D. J., Mazal, J., Everton, K. L.  
2013; 10 (8): 618-624

- Single-Incision Technique for Placing Femoral Tunneled Central Venous Catheters in Infants. *Journal of Vascular and Interventional Radiology*  
Lungren, M., Pabon-Ramos, W. M.  
2013; 24 (5): 755-756

- Radiology Education in China. *Journal of the American College of Radiology*  
Wang, Y. E., Liu, M., Jin, L., Lungren, M. P., Grimm, L. J., Zhang, Z., Maxfield, C. M.  
2013; 10 (3): 213-219

- Bacteriophage K for reduction of Staphylococcus aureus biofilm on central venous catheter material. *Bacteriophage*  
2013; 3 (4): e26825

- Gray-scale inversion radiographic display for the detection of pulmonary nodules on chest radiographs. *Clinical Imaging*  
2012; 36 (5): 515-521

- Extrarenal Retroperitoneal Angiomyolipoma Mimicking Metastatic Melanoma CT and FDG PET Correlation. *Clinical Nuclear Medicine*  
Welling, R. D., Lungren, M. P., Coleman, R. E.  
2012; 37 (7): 705-706

Everton, K. L., Mazal, J., Mollura, D. J.  
2012; 9 (7): 488-494

- Radiation Dose Estimations to the Thorax Using Organ-Based Dose Modulation. *American Journal of Roentgenology*  
2012; 199 (1): W65-W73

- Physician Self-Referral of Lumbar Spine MRI With Comparative Analysis of Negative Study Rates as a Marker of Utilization Appropriateness. *American Journal of Roentgenology*  
2012; 198 (6): 1375-1379

- PET Appearance of Tuberculous Empyema Necessitans. *Clinical Nuclear Medicine*  
Lungren, M. P., Christensen, J. D., Coleman, R. E., Gupta, R. T.  
2011; 36 (10): 939-941

● Self-Referral in Medical Imaging: A Meta-Analysis of the Literature *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
Kilani, R. K., Paxton, B. E., Stinnett, S. S., Barnhart, H. X., Bindal, V., Lungren, M. P.
2011; 8 (7): 469-476

● Global Health Training in Radiology Residency Programs *ACADEMIC RADIOLOGY*
2011; 18 (6): 782-791

2010; 7 (7): 495-500

● Isolated intracranial Rosai-Dorfman disease in a child. *AJNR. American journal of neuroradiology*
Lungren, M. P., Petrella, J. R., Cummings, T. J., Grant, G. A.
2009; 30 (10): E148-9

● Fiber type composition and maximum shortening velocity of muscles crossing the human shoulder *CLINICAL ANATOMY*
Srinivasan, R. C., Lungren, M. P., Langenderfer, J. E., Hughes, R. E.
2007; 20 (2): 144-149

● Using support vector machines to optimally classify rotator cuff strength data and quantify post-operative strength in rotator cuff tear patients *JOURNAL OF BIOMECHANICS*
Silver, A. E., Lungren, M. P., Johnson, M. E., O'Driscoll, S. W., An, K. N., Hughes, R. E.
2006; 39 (5): 973-979