



Beverley Newman

Professor of Radiology (Pediatric Radiology) at the Stanford University Medical Center

Radiology - Pediatric Radiology

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Diagnostic Radiology**

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Bio

CLINICAL FOCUS

- Diagnostic Radiology
- Pediatric Radiology

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Radiology - Pediatric Radiology

PROFESSIONAL EDUCATION

- Residency: Boston University Med Ctr (1980) MA
- Fellowship: Boston Children's Hospital (1984) MA
- Residency: Johannesburg General Hospital Complex (1978) South Africa
- Board Certification: Pediatric Radiology, American Board of Radiology (1995)
- Board Certification: Diagnostic Radiology, American Board of Radiology (1983)
- Residency: Boston Children's Hospital (1983) MA
- Residency: Boston University Medical Center (1982) MA
- Internship: Johannesburg General Hospital Complex (1977) South Africa
- Medical Education: University of Witwatersrand (1976) South Africa

Research & Scholarship

CLINICAL TRIALS

- Controlled Ventilation CT in CF Infants, Not Recruiting
- Outcome Measures in Infant/Early Childhood Lung Disease w/ Chest CT Scanning & Lung Function Testing, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pediatric Radiology (Fellowship Program)

Publications

PUBLICATIONS

- **Congenital central pulmonary artery anomalies: Part 1.** *Pediatric radiology*
Newman, B., Alkhori, N.
2020
- **Mucus plugging, air trapping, and bronchiectasis are important outcome measures in assessing progressive childhood cystic fibrosis lung disease.** *Pediatric pulmonology*
Robinson, T. E., Goris, M. L., Moss, R. B., Tian, L., Kan, P., Yilma, M., McCoy, K. S., Newman, B., de Jong, P. A., Long, F. R., Brody, A. S., Behrje, R., Yates, et al
2020
- **Left ventricular retraining in corrected transposition: Relationship between pressure and mass.** *The Journal of thoracic and cardiovascular surgery*
Mainwaring, R. D., Patrick, W. L., Arunamata, A., Chan, F., Newman, B., Rosenblatt, T. R., Kamra, K., Hanley, F. L.
2019
- **Ultrafast pediatric chest computed tomography: comparison of free-breathing vs. breath-hold imaging with and without anesthesia in young children.** *Pediatric radiology*
Kino, A., Zucker, E. J., Honkanen, A., Kneebone, J., Wang, J., Chan, F., Newman, B.
2018
- **Tumor-induced Osteomalacia in a 3-Year-Old With Unresectable Central Giant Cell Lesions** *JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY*
Crossen, S. S., Zambrano, E., Newman, B., Bernstein, J. A., Messner, A. H., Bachrach, L. K., Twist, C. J.
2017; 39 (1): E21-E24
- **Congenital Variants and Anomalies of the Aortic Arch.** *Radiographics*
Hanneman, K., Newman, B., Chan, F.
2017; 37 (1): 32-51
- **Persistent fifth arch anomalies - broadening the spectrum to include a variation of double aortic arch vascular ring** *PEDIATRIC RADIOLOGY*
Newman, B., Hanneman, K., Chan, F.
2016; 46 (13): 1866-1872
- **Tumor-induced Osteomalacia in a 3-Year-Old With Unresectable Central Giant Cell Lesions.** *Journal of pediatric hematology/oncology*
Crossen, S. S., Zambrano, E., Newman, B., Bernstein, J. A., Messner, A. H., Bachrach, L. K., Twist, C. J.
2016: -?
- **Analysis of Kidney Ultrasound Dimensions by Body Habitus and Position** *JOURNAL OF UROLOGY*
Kouba, E., Newman, B., Shortliffe, L. M.
2016; 196 (3): 943-949
- **Analysis of Kidney Ultrasound Dimensions by Body Habitus and Position.** *journal of urology*
Kouba, E., Newman, B., Dairiki Shortliffe, L. M.
2016; 196 (3): 943-949
- **Improved Quantification and Mapping of Anomalous Pulmonary Venous Flow With Four-Dimensional Phase-Contrast MRI and Interactive Streamline Rendering** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Hsiao, A., Yousaf, U., Alley, M. T., Lustig, M., Chan, F. P., Newman, B., Vasanawala, S. S.
2015; 42 (6): 1765-1776
- **Perinatal Thoracic Mass Lesions: Pre- and Postnatal Imaging.** *Seminars in ultrasound, CT, and MR*
Zucker, E. J., Epelman, M., Newman, B.

2015; 36 (6): 501-521

- **Added Value of Radiologist Consultation for Pediatric Ultrasound: Implementation and Survey Assessment.** *AJR. American journal of roentgenology*
Zucker, E. J., Newman, B., Larson, D. B., Rubesova, E., Barth, R. A.
2015; 205 (4): 822-826
- **Radiologist Compliance With California CT Dose Reporting Requirements: A Single-Center Review of Pediatric Chest CT** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Zucker, E. J., Larson, D. B., Newman, B., Barth, R. A.
2015; 204 (4): 810-816
- **Meconium in Perinatal Imaging: Associations and Clinical Significance** *SEMINARS IN ULTRASOUND CT AND MRI*
Jerdee, T., Newman, B., Rubesova, E.
2015; 36 (2): 161-177
- **The incidental pulmonary nodule in a child Part 1: recommendations from the SPR Thoracic Imaging Committee regarding characterization, significance and follow-up** *PEDIATRIC RADIOLOGY*
Westra, S. J., Brody, A. S., Mahani, M. G., Guillerman, R. P., Hegde, S. V., Iyer, R. S., Lee, E. Y., Newman, B., Podberesky, D. J., Thacker, P. G.
2015; 45 (5): 628-633
- **Congenital peribronchial myofibroblastic tumor: case report of an asymptomatic infant with a rapidly enlarging pulmonary mass and review of the literature.** *Annals of clinical and laboratory science*
Brock, K. E., Wall, J., Esquivel, M., Newman, B., Marina, N., Albanese, C., Hazard, F. K.
2015; 45 (1): 83-89
- **Improved quantification and mapping of anomalous pulmonary venous flow with four-dimensional phase-contrast MRI and interactive streamline rendering.** *Journal of magnetic resonance imaging : JMRI*
Hsiao, A., Yousaf, U., Alley, M. T., Lustig, M., Chan, F. P., Newman, B., Vasanawala, S. S.
2015; 42 (6): 1765-76
- **Cystic Lung Lesions in Newborns and Young Children: Differential Considerations and Imaging** *SEMINARS IN ULTRASOUND CT AND MRI*
Newman, B., Caplan, J.
2014; 35 (6): 571-587
- **Cystic lung lesions in newborns and young children: differential considerations and imaging.** *Seminars in ultrasound, CT, and MR*
Newman, B., Caplan, J.
2014; 35 (6): 571-587
- **Pediatric CT quality management and improvement program** *PEDIATRIC RADIOLOGY*
Larson, D. B., Molvin, L. Z., Wang, J., Chan, F. P., Newman, B., Fleischmann, D.
2014; 44: 519-524
- **Pediatric CT quality management and improvement program.** *Pediatric radiology*
Larson, D. B., Molvin, L. Z., Wang, J., Chan, F. P., Newman, B., Fleischmann, D.
2014; 44: 519-524
- **Perforated appendicitis: an underappreciated mimic of intussusception on ultrasound.** *Pediatric radiology*
Newman, B., Schmitz, M., Gawande, R., Vasanawala, S., Barth, R.
2014; 44 (5): 535-541
- **Heterotaxy syndromes and abnormal bowel rotation.** *Pediatric radiology*
Newman, B., Koppolu, R., Murphy, D., Sylvester, K.
2014; 44 (5): 542-551
- **Chest CT in children: anesthesia and atelectasis.** *Pediatric radiology*
Newman, B., Krane, E. J., Gawande, R., Holmes, T. H., Robinson, T. E.
2014; 44 (2): 164-172
- **Comparison of Different Methods of Calculating CT Radiation Effective Dose in Children** *Annual Meeting of the Society-for-Pediatric-Radiology*
Newman, B., Ganguly, A., Kim, J., Robinson, T.
AMER ROENTGEN RAY SOC.2012: W232-W239

- **Pulmonary reperfusion injury after the unifocalization procedure for tetralogy of Fallot, pulmonary atresia, and major aortopulmonary collateral arteries** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Maskatia, S. A., Feinstein, J. A., Newman, B., Hanley, F. L., Roth, S. J.
2012; 144 (1): 184-189
- **Reply to commentary - CT radiation dose reduction: can we do harm by doing good?** *PEDIATRIC RADIOLOGY*
Newman, B., Callahan, M. J.
2012; 42 (4): 399-401
- **Combined respiratory and cardiac triggering improves blood pool contrast-enhanced pediatric cardiovascular MRI** *PEDIATRIC RADIOLOGY*
Vasanawala, S. S., Chan, F. P., Newman, B., Alley, M. T.
2011; 41 (12): 1536-1544
- **Pause and Pulse: Radiation Dose in Pediatric Fluoroscopy** *PEDIATRICS IN REVIEW*
Newman, B., John, S., Goske, M., Hernanz-Schulman, M.
2011; 32 (9): E83-E90
- **ALARA (as low as reasonably achievable) CT 2011--executive summary.**
Newman, B., Callahan, M. J.
2011: 453-55
- **Ultrasound body applications in children.** *Pediatric radiology*
Newman, B.
2011; 41: 555-561
- **Pneumonia in Normal and Immunocompromised Children: An Overview and Update** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Eslamy, H. K., Newman, B.
2011; 49 (5): 895-?
- **Point/counterpoint: dose-related issues in cardiac CT imaging.** *Pediatric radiology*
Newman, B., Vasanawala, S. S.
2011; 41: 528-533
- **Thoracic Neoplasms in Children** *RADIOLOGIC CLINICS OF NORTH AMERICA*
Newman, B.
2011; 49 (4): 633-?
- **Effectiveness of a Staged US and CT Protocol for the Diagnosis of Pediatric Appendicitis: Reducing Radiation Exposure in the Age of ALARA** *RADIOLOGY*
Krishnamoorthi, R., Ramarajan, N., Wang, N. E., Newman, B., Rubesova, E., Mueller, C. M., Barth, R. A.
2011; 259 (1): 231-239
- **Development and Validation of Automated 2D-3D Bronchial Airway Matching to Track Changes in Regional Bronchial Morphology Using Serial Low-Dose Chest CT Scans in Children with Chronic Lung Disease** *JOURNAL OF DIGITAL IMAGING*
Raman, P., Raman, R., Newman, B., Venkatraman, R., Raman, B., Robinson, T. E.
2010; 23 (6): 744-754
- **Congenital extrahepatic portosystemic shunt associated with heterotaxy and polysplenia** *PEDIATRIC RADIOLOGY*
Newman, B., Feinstein, J. A., Cohen, R. A., Feingold, B., Kreutzer, J., Patel, H., Chan, F. P.
2010; 40 (7): 1222-1230
- **Rudhe syndrome: reversible right middle lobe emphysema in infants with left-to-right shunts-an historical review** *PEDIATRIC RADIOLOGY*
Collins, L. K., Levin, T. L., Berdon, W. E., Cowles, R. A., Newman, B.
2010; 40 (5): 762-765
- **Evaluation of a Radiation Dose Reduction Strategy for Pediatric Chest CT** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Kim, J., Newman, B.
2010; 194 (5): 1188-1193
- **Left Pulmonary Artery Sling-Anatomy and Imaging** *SEMINARS IN ULTRASOUND CT AND MRI*

Newman, B., Cho, Y. A.
2010; 31 (2): 158-170

- **A pitfall of radioisotope quantification of the ratio of pulmonary blood flow to systemic blood flow (Qp/Qs) in a patient with severe postoperative pulmonary venous obstruction** *CLINICAL NUCLEAR MEDICINE*

Newman, B., Grosse-Wortmann, L., Charron, M., Yoo, S. J.
2008; 33 (8): 521-524