

Academic Productivity of Chest and Cardiac Fellows 2000-2009

Research Day Presentations

2004

Patsios D. Pulmonary Angiitis and Granulomatosis: A Pictorial Essay. Presented at: University of Toronto Department of Medical Imaging Annual Research Day 2004; April 2004; Toronto, ON.

2005

Patsios D. Assessing a Computer-aided Detection (CAD) Tool for Nodule Detection in the Lung. Presented at: University of Toronto Department of Medical Imaging Annual Research Day 2005; April 2005; Toronto, ON.

Pereira A. Dynamic CT Perfusion for Lung Nodules Characterization. Presented at: University of Toronto Department of Medical Imaging Annual Research Day 2005; April 2005; Toronto, ON.

2006

Pereira A. Assessing the performance of CAD for lung nodule detection: effect of radiation dose. Presented at: University of Toronto Department of Medical Imaging Annual Research Day 2006; April 2006; Toronto, ON.

2007

Ng YL. CT-Guided Percutaneous Fine Needle Aspiration Biopsy of Pulmonary Nodules Measuring 10mm or less. Presented at: University of Toronto Department of Medical Imaging Annual Research Day 2007; April 2007; Toronto, ON.

Patsios D. Low-Dose Computed Tomography as a Screening Tool Post Prior Asbestos Exposure for early lung cancer and Mesothelioma. Presented at: University of Toronto Department of Medical Imaging Annual Research Day 2007; April 2007; Toronto, ON.

RSNA Presentations

2001

Chung TB. HRCT Findings of Pulmonary Capillary Hemangiomatosis and Hypertensive Pulmonary Arteriopathy. Presented at: RSNA 2001; December 2001; Chicago, IL.

2002

Konen E. Bronchiolitis Obliterans Syndrome in Lung Transplant Recipients: Can High Resolution CT Predict the Clinical Deterioration? Presented at: RSNA 2002; December 2002; Chicago, IL.

Konen E. Extracranial Vascular Malformations: A Review of MRI Techniques and Findings. Presented at: RSNA 2002; December 2002; Chicago, IL.

Konen E. Congenital Pulmonary Veno-lobar Syndrome: Spectrum of Multisection Helical CT Findings with Emphasis on Computerized Reformations. Presented at: RSNA 2002; December 2002; Chicago, IL.

Murray C. Bronchiolitis Obliterans Syndrome in Lung Transplant Recipients: Can High Resolution CT Predict the Clinical Deterioration? Presented at: RSNA 2002; December 2002; Chicago, IL.

Provost Y. Extracranial Vascular Malformations: A Review of MRI Techniques and Findings. Presented at: RSNA 2002; December 2002; Chicago, IL.

Provost Y. MR Pictorial Essay of Intra-Cardiac Fat Containing Lesions. Presented at: RSNA 2002; December 2002; Chicago, IL.

Provost Y. MRI of Cardiac Aneurysms. Presented at: RSNA 2002; December 2002; Chicago, IL.

2003

Chung TB. Utility of Automated Growth Analysis for Lung Nodules Scanned with Routine Computed Tomography. Presented at: RSNA 2003; December 2003; Chicago, IL.

Chung TB. Fat Containing Abnormalities of the Thorax. Presented at: RSNA 2003; December 2003; Chicago, IL.

Chung TB. Focal and Diffuse Central Airways Abnormality. Presented at: RSNA

RSNA Presentations

2003; December 2003; Chicago, IL.

Konen E. Mural Thrombus in Post-Infarction Left Ventricular Aneurysm: A Varied MR Appearance. Presented at: RSNA 2003; December 2003; Chicago, IL.

Konen E. MRI of the Superficial Temporal Artery: Is It Feasible? Presented at: RSNA 2003; December 2003; Chicago, IL.

Maheshwari S. Considerations for Ultra-High Parallel MRI Reduction Factors in Long Echo Train Fast Spin Echo Sequences: Application to MR Cholangiography. Presented at: RSNA 2003; December 2003; Chicago, IL.

Provost Y. MRI of the Superficial Temporal Artery: Is It Feasible? Presented at: RSNA 2003; December 2003; Chicago, IL.

Provost Y. Mural Thrombus in Post-Infarction Left Ventricular Aneurysm: A Varied MR Appearance. Presented at: RSNA 2003; December 2003; Chicago, IL.

2004

Elliot T. Delayed Enhancement Imaging of the Heart: More than Just Myocardial Infarction. Presented at: RSNA 2004; December 2004; Chicago, IL.

Patsios D. Pulmonary Angiitis and Granulomatosis: A Pictorial Essay. Presented at: RSNA 2004; December 2004; Chicago, IL.

Patsios D. Quantitative Assessment of Nodule Detectability in Chest CT: Delving the Low-Dose Limits. Presented at: RSNA 2004; December 2004; Chicago, IL.

Patsios D. Pitfalls of Thoracic CT: Normal Anatomical Structures That Can Simulate Disease. Presented at: RSNA 2004; December 2004; Chicago, IL.

2005

Benamore R. A Review of Image-guided Pleural Biopsies: Is the Abrams' Pleural Biopsy Obsolete? Presented at: RSNA 2005; December 2005; Chicago, IL.

Crean A. Pulmonary Veins Abnormalities. Presented at: RSNA 2005; December 2005; Chicago, IL.

Crean A. The Clinical and Imaging Features of Constrictive Pericarditis. Presented at: RSNA 2005; December 2005; Chicago, IL.

Crean A. The Clinical, Echocardiographic, and Magnetic Resonance Imaging

RSNA Presentations

Features of Ebstein's Anomaly. Presented at: RSNA 2005; December 2005; Chicago, IL.

Crean A. Pictorial Review of the Intrathoracic Manifestations of Amyloidosis. Presented at: RSNA 2005; December 2005; Chicago, IL.

Goo HW. Whole-body MR Imaging of Langerhans' Cell Histiocytosis in Children: Comparison with Plain Radiography and Bone Scintigraphy. Presented at: RSNA 2005; December 2005; Chicago, IL.

Goo HW. Dose Reduction in Non-electrocardiography-gated Heart CT by Automatic Online Tube Current Modulation in Children. Presented at: RSNA 2005; December 2005; Chicago, IL.

Maheshwari S. Inflammatory and Neoplastic Conditions Involving the Mesentery: Computed Tomography (CT) Findings and Spectrum of Disease. Presented at: RSNA 2005; December 2005; Chicago, IL.

Patsios D. Pictorial Review of the Intrathoracic Manifestations of Amyloidosis. Presented at: RSNA 2005; December 2005; Chicago, IL.

Patsios D. Biometric Analysis of Pulmonary Vessels in Pulmonary Arterial Hypertension. Presented at: RSNA 2005; December 2005; Chicago, IL.

Patsios D. Practical Applications of Very Low Dose Thoracic CT. Presented at: RSNA 2005; December 2005; Chicago, IL.

Patsios D. Pulmonary Veins Abnormalities. Presented at: RSNA 2005; December 2005; Chicago, IL.

Patsios D. Radiology of the Normal and Diseased Thymus. Presented at: RSNA 2005; December 2005; Chicago, IL.

Patsios D. CT-guided Percutaneous Fine Needle Aspiration Biopsy of Subcentimeter Intrapulmonary Nodules. Presented at: RSNA 2005; December 2005; Chicago, IL.

Pereira A. Pictorial Review of the Intrathoracic Manifestations of Amyloidosis. Presented at: RSNA 2005; December 2005; Chicago, IL.

Pereira A. CT-guided Percutaneous Fine Needle Aspiration Biopsy of Subcentimeter Intrapulmonary Nodules. Presented at: RSNA 2005; December 2005; Chicago, IL.

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Patsios D, Pereira A. Assessing a Computer-aided Detection (CAD) Tool for Nodule Detection in the Lung. Presented at: RSNA 2006; December 2006; Chicago, IL.

Pereira A. Dynamic CT Perfusion for Lung Nodules Characterization. Presented at: RSNA 2006; December 2006; Chicago, IL.

2007

Goo HW. Diluted Contrast Agent as a Chaser in Thoracic Multi-Detector Row Ct: Effects on Artifacts and Vascular Enhancement. Presented at: RSNA 2007; December 2007; Chicago, IL.

Goo HW. Low-dose Pediatric Sixteen-detector Row CT: A summary of Parameters Important for Radiation Dose and Image Quality from 543 Examinations. Presented at: RSNA 2007; December 2007; Chicago, IL.

Goo HW. Coronary Artery Anomalies and Surgically Important Coronary Artery Anatomy in Patients with Congenital Heart Disease: Multi-detector row CT findings. Presented at: RSNA 2007; December 2007; Chicago, IL.

Pen, Pereira A. Atrial Septal Defects: Subtle but Serious! Presented at: RSNA 2007; December 2007; Chicago, IL.

Pen, Pereira A. CT Coronary Angiography: The Limitations of Using a Threshold Coronary Artery Calcium Score. Presented at: RSNA 2007; December 2007; Chicago, IL.

Pen, Pereira A. Cardiac CT Coronary Angiography: Evaluating "Best Phase" Selection Techniques. Presented at: RSNA 2007; December 2007; Chicago, IL.

2008

Pen V. Cardiac and Aortic CTA Prior to Cardiovascular Surgery: What the Surgeon Wants to Know. Presented at: RSNA 2008; December 2008; Chicago, IL.

Pen V. Beyond 3D: Imaging of the Aortic Root and Valve in 4 Dimensions with ECG_gated CT Angiography. Presented at: RSNA 2008; December 2008; Chicago, IL.

Pen V. Cardiac CT Angiography (CCTA) Technique and Assessment of Occluded and Sub-occluded Coronary Artery Bypass Grafts (CABG) with Review of 25 Dysfunctional Grafts. Presented at: RSNA 2008; December 2008; Chicago, IL.

Pereira A. Pair Comparison between Compacted and Original CT Images on Quantitative Emphysema Parameters Assessment by Automated Software. Presented at: RSNA 2008; December 2008; Chicago, IL.

Pereira A. Lung Cancer Screening Using Low-dose Computed Tomography in At-Risk Individuals: Update of the Toronto Experience. Presented at: RSNA 2008; December 2008; Chicago, IL.

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2002

Chung TB et al. 2002. *Semin Thorac Cardiovasc Surg*. Fine needle aspiration of the solitary pulmonary nodule. Jul;14(3):275-80

Maheshwari S et al. 2002. *Australas Radiol*. Magnetic resonance imaging findings in an unusual case of atlanto axial dislocation and vertebral artery-vein fistulas in a patient of neurofibromatosis-1. Sep;46(3):316-8

Valsangiacomo E and Smallhorn JF. 2002. *Pediatr Radiol*. [MRI-based blood oxygen saturation measurements in infants and children with congenital heart disease](#). Jul;32(7):518-22

Valsangiacomo E et al. 2002. *Circulation*. Prenatal Diagnosis of Aortopulmonary Window by Fetal Echocardiography. Jun 18;105(24):E192

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Chung TB, Provost Y et al. 2003. *AJR Am J Roentgenol*. [Value of CT in assessing probable severe acute respiratory syndrome](#). Aug;181(2):317-9

Chung TB et al. 2003. *AJR Am J Roentgenol*. [Fibrosis of the upper lobes: a newly identified late-onset complication after lung transplantation?](#) Dec;181(6):1539-43

Konen E et al. 2003. *Radiographics*. [Congenital Pulmonary Venolobar Syndrome: Spectrum of Helical CT Findings with Emphasis on Computerized Reformatting](#). Sep-Oct;23(5):1175-84.

Murray CP et al. 2003. *Pediatr Radiol*. Congenital extrahepatic portosystemic shunts. Sep;33(9):614-20

Provost Y et al. 2003. *Ann Thorac Surg*. Ventricular reconstruction for ischemic cardiomyopathy. Jun;75(6 Suppl):S6-12.

Roman K, Valsangiacomo E et al. 2003. *Circulation*. [Differential regurgitation in branch pulmonary arteries after repair of tetralogy of Fallot: a phase-contrast cine magnetic resonance study](#). Jun 17;107(23):2938-43.

Valsangiacomo E et al. 2003. *Pediatr Radiol*. Contrast-enhanced MR angiography of pulmonary venous abnormalities in children. Feb;33(2):92-8

Valsangiacomo E et al. 2003. Assessment of the thymus at echocardiography in fetuses at risk for 22q11.2 deletion. *Prenat Diagn*. Jan;23(1):9-15. .

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venous blood flow in children with surgically repaired pulmonary veins. *Pediatr Radiol.* Sep;33(9):607-13

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Chung TB et al. 2004. *AJR Am J Roentgenol.* [Prognostic significance of the radiographic pattern of disease in patients with severe acute respiratory syndrome.](#) Feb;182(2):493-8.

Chung TB et al. 2004. *Radiographics.* [Radiologic pattern of disease in patients with severe acute respiratory syndrome: the Toronto experience.](#) Mar-Apr;24(2):553-63

Chung TB, Konen E, Murray C et al. 2004. *Radiology.* [Bronchiolitis obliterans syndrome in lung transplant recipients: can thin-section CT findings predict disease before its clinical appearance?](#) May;231(2):467-73

Provost Y et al. 2004. *AJR Am J Roentgenol.* [Coarctation of the aorta before and after correction: the role of cardiovascular MRI.](#) May;182(5):1333-9.

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Al Habshan F, Roman K et al. 2005. *Journal of magnetic resonance imaging.* [Hemodynamic evaluation of the peripheral pulmonary circulation by cine phase-contrast magnetic resonance imaging.](#) Dec;22(6):780-7 *Journal of magnetic resonance imaging*

Chung TB et al. 2005. *J Card Surg.* Ascending aortic aneurysm with dissection and aortic insufficiency. Jan-Feb;20(1):85-9

Crean A, Provost Y et al. 2005. *J Cardiovasc magn Reson.* Simultaneous occurrence of two different primary cardiac tumors in an 84-year-old woman characterized by cardiovascular magnetic resonance imaging.7(2):517-9

Konen E, Provost Y et al. 2005. *Radiology.* True versus false left ventricular aneurysm: differentiation with MR imaging--initial experience. Jul;236(1):65-70

Provost Y et al. 2005. *Am J Cardiol.* Optimal timing for pulmonary valve replacement in adults after tetralogy of Fallot repair. Mar 15;95(6):779-82. *Am J Cardiol.*

Roman K et al. 2005. *J Thorac Cardiovasc Surg.* Three-dimensional echocardiography improves the understanding of left atrioventricular valve morphology and function in atrioventricular septal defects undergoing patch

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Goo HJ et al. 2006. *Cardiol Young*. The bronchopulmonary foregut malformation complex. Jun;16(3):229-51

Hansen M and Merchant N. 2006. *Circulation*. [Images in cardiovascular medicine. Vieussens' ring: combining computed tomography coronary angiography and magnetic resonance imaging in assessing collateral pathways](#). Oct 17;114(16):e545-6.

Konen E et al. 2006. *Can Assoc Radiol J*. Magnetic resonance imaging of thoracic aortic pseudoaneurysm. Oct;57(4):238-45

Patsios D et al. 2006. *J Rheumatol*. Pulmonary veno-occlusive disease and scleroderma associated pulmonary hypertension. Nov;33(11):2347-50. Epub 2006 Sep 15

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Roman K et al. 2006. *J Am Soc Echocardiogr*.. Assessment of the evolution of

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normal fetal diastolic function during mid and late gestation by spectral Doppler tissue echocardiography. Dec;19(12):1431-7

Roman K et al. 2006. *J Am Soc Echocardiogr*. Three-dimensional echocardiography improves the understanding of the mechanisms and site of left atrioventricular valve regurgitation in atrioventricular septal defect. Dec;19(12):1502-10

Roman K et al. 2006. *J Am Soc Echocardiogr*. Doppler tissue imaging in the assessment of atrioventricular conduction time: validation of a novel technique and comparison with electrophysiologic and pulsed wave Doppler-derived equivalents in an animal model. Mar;19(3):314-21.

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Benamore R. 2007. *J Thorac Oncol*. Does intensive follow-up alter outcome in patients with advanced lung cancer? Apr;2(4):273-81.

Chung TB, Patsios D, Pereira A et al. 2007. *Can Assoc Radiol J*. Lung cancer screening with low-dose computed tomography: Canadian experience. Oct;58(4):225-35. Tracy Elliot 2007 Oct;245(1):292-5 Radiology.

Elliot T, Provost Y et al. 2007. *Radiology*. Case 123: cardiac hemosiderosis. Oct;245(1):292-5

Goo HW et al. 2007. *Cardiol Young*. Double-barrelled aorta with tetralogy of Fallot and pulmonary atresia. Feb;17(1):98-101. Epub 2006 Dec 22.

Goo HW et al. 2007. *Journal of the American College of Cardiology*. [Anatomical and functional evaluation of pulmonary veins in children by magnetic resonance imaging](#). Mar 6;49(9):993-1002.

Patsios D. 2007. *Med Phys*. Investigating the low-dose limits of multidetector CT in lung nodule surveillance. Sep;34(9):3587-95.

Pen V, Provost Y et al. 2007. *Circulation*. [Images in cardiovascular medicine. Cardiac magnetic resonance imaging and multidetector computed tomography scan illustrating Damus-Kaye-Stansel operation](#). May 8;115(18):e440-2.

Provost Y et al. 2007. *Am J Cardiol*. Comparison of echocardiographic and cardiac magnetic resonance imaging for assessing right ventricular function in

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Roman K et al. 2007. *Am J Cadiol*. Determinants of outcome in fetal pulmonary valve stenosis or atresia with intact ventricular septum. Mar 1;99(5):699-703

2008

Patsios D, Walsham A et al. 2008. *Clin Radiol*. [CT-guided percutaneous fine-needle aspiration biopsy of pulmonary nodules measuring 10 mm or less](#). Mar;63(3):272-7. Epub 2007 Nov 19.

Pereira A et al. 2008. *Inverst Radiol*. Computed Tomography Perfusion Using First Pass Methods for Lung Nodule Characterization. Jun;43(6):349-358.

Provost Y et al. 2008. *Eur Heart J*. An unappetizing dog bone: cardiac sarcoidosis presenting with heart block and unusual left ventricular bulging. Jun;29(11):1358. Epub 2007 Dec 7.

Provost Y et al. 2008. *Acad Radiol*. Radiology resident interpretation of on-call CT pulmonary angiograms. May;15(5):556-62.

Provost Y et al. 2008. *Eur Radiol*. Cardiac MRI and CT features of inheritable and congenital conditions associated with sudden cardiac death. Sep 16. [Epub ahead of print]

Walsham A et al. 2008. *J Comput Assist Tomogr*. The use of computer-aided detection for the assessment of pulmonary arterial filling defects at computed tomographic angiography. Nov-Dec;32(6):913-8

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Goo HW et al. 2009. *J Magn Reson Imaging*. [Phase-contrast magnetic resonance quantification of normal pulmonary venous return](#). Mar;29(3):588-94

Ng YL. 2009. *J Thorac Imaging*. Tree-in-bud pattern on thoracic CT due to pulmonary intravascular metastases from pancreatic adenocarcinoma. May;24(2):150-1

Moussa F, Kumar P and **Pen V**. 2009 *J Card Surg*. [Cardiac CT scan for preoperative planning in a patient with bilateral subclavian stenosis needing coronary artery bypass](#). Mar-Apr;24(2):196-7

Pereira A et al. 2009. *Eur Heart J*. Refining the assessment of pulmonary regurgitation in adults after tetralogy of Fallot repair: should we be measuring regurgitant fraction or regurgitant volume. Feb;30(3):356-61.

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Pereira A et al. 2009. *Lung Cancer*. [Lung cancer screening using low-dose computed tomography in at-risk individuals: The Toronto experience.](#) May 6. [Epub ahead of print]

Seed M et al. 2009. *Pediatr Radiol*. [Antenatal MR imaging of pulmonary lymphangiectasia secondary to hypoplastic left heart syndrome.](#) Jul;39(7):747-9. Epub 2009 Apr 24.