

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: January 17, 2007

Initials:

1. **SURNAME:** Nicolaou**FIRST NAME:** Savvakis**MIDDLE NAME(S):**2. **DEPARTMENT/SCHOOL:** Radiology3. **FACULTY:** Medicine4. **PRESENT RANK:** Assistant Professor**SINCE:** July, 20015. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
Rutgers University of New Jersey	BA	Major: Biological Sciences, Minor: Psychology	Sept. 1985 - May 1988
University of Toronto	MD	Medicine	Sept. 1988 - June 1992

Post-Graduate Training

Surgical Comprehensive Internship St. Michael's Hospital, Toronto, Canada, July 1992 - June 1993

Diagnostic Radiology UBC, Vancouver Health Sciences Centre, Vancouver, Canada, July 1993 - June 1997

Special Professional Qualifications

Jan. 17, 1994	Licentiate of the Medical Council of Canada (LMCC)
July 1, 1993	Diplomate of the National Board of Medical Examiners
June 30, 1997	Royal College of Physicians and Surgeons of Canada Diagnostic Radiology
June 11, 1997	American Board of Radiology
2000 - 2005	Royal College of Physicians & Surgeons of Canada
Feb 3, 2006	Cardiac CT Angiography, Vancouver Coastal Health, UBC

6. **EMPLOYMENT RECORD**(a) *Prior to coming to UBC*

(b) At UBC

University, Company or Organization	Rank or Title	Dates
Vancouver General Hospital and UBC	Locum	July 1997 to Sept 1999
Vancouver General Hospital and UBC	Clinical Instructor	Oct 1999 to June 30, 2001.
Vancouver General Hospital and UBC	Assistant Professor	July 1, 2001 - present

(c) Date of granting of tenure at U.B.C.:

7. LEAVES OF ABSENCE

University, Company or Organization at which Leave was taken	Type of Leave	Dates

8. TEACHING

(a) Areas of special interest and accomplishments

- CME Trauma Rounds 5 days/week
- Organized teaching rounds once a month for emergency residents
- Problem-based learning for medical students
 - Completed PBL (GI block) 2nd year medical students, Nov. 2000 VGH
 - Given lecture on GI radiology for 2nd year medical students Nov. 2000 VGH
 - Teaching GU block May 2001 UBC
 - PBL CVS and Respiratory March/April 2002
 - PBL Respiratory April 2003
 - PBL Intro to Chest Radiology April 2003
 - PBL MSK hematology Aug/Sept 2003
 - PBL Respiratory March 2004
 - PBL Intro to Chest Radiology March 2004
- Teaching residents in medicine and radiology and PPL - Integument/Brain and Behaviour Feb 2005
- Teaching modules for fellows for radiology website
- Developing a radiology curriculum for medical students on medical website
- UBC CME workshop for the Family Practice Program given at Sheraton Wall Centre on March 14, 2001
- CME Trauma Radiology Rounds once/month
- CME Lecture – C-spine for ER physicians at Cranbrook and Terrace –Telemedicine April 2002
- Introduction to Radiology for UBC 1st year medical students 2002, 2003, 2004, 2005, 2006
- Clinical Orientation to Radiology UBC 3rd year medical students Sept 2002, 2003, 2004, 2005, 2006
- Introduction to Thoracic and Cardiac Imaging, 2005, 2006 – UBC Medical School 1st year.
- Interactive web-based thoracic module – UBC Medical School. 1st year. March 2006.
- Problem based learning – Pulmonary block April 2006.

(b) Courses Taught at UBC

Session: PBL GI, GI Radiology, 1 hour, class size 145, 1 lecture

Jan 2005 – Introduction to Thoracic Imaging. Four sessions, class size 45 students/session, 2005, 2006.
 March 2005 – Introduction to Cardiac Imaging. Four sessions, class size 45 students, 2005, 2006.

(c) Graduate Students Supervised

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Julian Guerero	Masters (completed) and Phd (ongoing)	2002	Ongoing	Dr. J. McEwan	Dr. S. Nicolaou

(d) Continuing Education Activities

- AJR (Categorical Course in Emergency Radiology), Washington, DC May 2000
- Aerospace and Medicine Conference, Houston, TX June 2000
- Internal derangements of joints: Advanced and intensive MR imaging, Toronto, ON, Oct 6-8, 2000
- RSNA December 2000, Chicago
- Radiology Grand Rounds, VGH
- Trauma Rounds, VGH
- April 2001 - ARRS Annual Meeting, Seattle, WA
- Aerospace and Medicine Conference, Reno, Nevada 2001
- CAR – September 2001, Vancouver
- RSNA December 2001, Chicago
- Emergency Radiology Meeting, Seattle, WA August 2003
- Stanford University Neuroradiology Musculoskeletal Meeting, Las Vegas, February 2004
- Johns Hopkins Conference on CTA Applications, Los Angeles, April 2004
- Society of Computed Tomography and Magnetic Resonance Imaging Meeting, Whistler, BC August 2004
- American Society of Emergency Radiology Meeting, Montreal, September 2004
- Stanford University Neuroradiology Musculoskeletal Meeting, Las Vegas, March 2005.
- Johns Hopkins Conference on CTA Applications, Los Angeles, April 2005.
- CTA Conference, Boston, July 2005.
- CTA – Practical Cardiac Training, Charleston, SC, October 2005.
- Case Review with the Experts. Nuclear/CT. Los Angeles January 2006, Cedars Sinai.

(e) Visiting Lecturer (indicate university/organization and dates)

1. Family Practice Radiology Workshop, March 14, 2001 Sheraton Wall Ctr
2. CME Lecture – C-spine for ER physicians at Cranbrook and Terrace –Telemedicine April 2002
3. International Conference in Sepsis. Department of Critical Care Medicine, Porto, Portugal, March 2006. “Management and diagnosis of infection in the ICU”
4. Grand Rounds. Department of Radiology, University of Porto, Portugal 2006.
5. City-wide Departmental Rounds, Porto, Portugal 2006. “MDCT in blunt abdominal trauma”.

(f) Other

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) Areas of special interest and accomplishments

- Developing Novell technique in determining leg lengths
- Trauma / ER Radiology
- VGH Trauma Research website (www.VGHtraumaresearch.com)
- Microgravity research, consultant to Wyle Life Sciences Laboratory, Medical Operations Branch, NASA
- PBL for Medical Students
- MSK Website – VGH
- Trauma/Emergency Radiology Website - VGH

(b) Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
CIHR	Musculoskeletal	√	\$300,000	2002	J. Ciberle	S. Nicolaou
CIHR	Musculoskeletal	√	\$300,000	ongoing	J. Ciberle	S. Nicolaou

(c) Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)

(d) Invited Presentations

TAC Meeting, Whistler BC April 9, 2005. "The role of imaging in the follow-up of solid organ injury".

(e) Other Presentations

1. Canadian Association of Radiologists Annual Meeting. *Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach*. Vancouver, June 1996.
2. Canadian Association of Radiologists Annual Meeting. *Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome after Thymectomy*. Vancouver, June 1996.
3. RSNA Scientific Program. *Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach*. Chicago, IL, Dec. 1996.
4. RSNA Scientific Program. *Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome after Thymectomy*. Chicago, IL, Dec. 1996.
5. SCVIR 22nd Annual Meeting. *Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach*. Washington, DC, March 12 1997.
6. American Roentgen Ray Society 101st Annual Meeting, Seattle, WA. April 29-May 4, 2001
Torreggiani WC, Al-Ismael K, Munk PL, **Nicolaou S**, O'Connell JX, Knowling M.
Dermatofibrosarcoma protuberans: MRI imaging features.

7. International Conference in Sepsis. Department of Critical Care Medicine, Porto, Portugal, March 2006. "Management and diagnosis of infection in the ICU"
Grand Rounds. Department of Radiology, University of Porto, Portugal 2006.
City-wide Departmental Rounds, Porto, Portugal 2006. "MDCT in blunt abdominal trauma".

(f) *Other*

1. University of Department of Diagnostic Imaging, St. Michael's Hospital, Grand Rounds. *Metabolic Bone Disease*. Toronto, Ontario, October, 1991.
2. British Columbia, Department of Radiology, Resident Research Day. *Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach*. June, 1996.
3. University of British Columbia, Department of Radiology, Resident Research Day. *Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome after Thymectomy*. June, 1995.
4. University of British Columbia, Department of Radiology, Grand Rounds. *Imaging of Male Infertility*. May 1996
5. University of British Columbia, Department of Radiology, GI Radiology Lecture for 2nd year medical students, November 2000
6. CME UBC Family Practice Workshop March 14, 2001

(g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

Invited speaker on Seminar in Ultrasound on Applications and Implications in Human Space Flight, Houston, TX, July 25, 26, 2000

CAR – ER Abdominal – Small bowel obstruction, Vancouver, September 2001

10. SERVICE TO THE UNIVERSITY

(a) *Memberships on committees, including offices held and dates*

Trauma Advisory Committee – October 1999-present
Head of Undergraduate Teaching (VGH Radiology) for Medical Students – October 1999-present
ER Advisory Committee – present
Head, Radiology Faculty Mentoring Program present
UBC-Scholar September 2004 – present.
Third year undergraduate curriculum committee, UBC Medical School Sept 2005 – present
Robotics and Control Laboratory, Department of Electrical Engineering, University of British Columbia
Medical Undergraduate Elective/Selective Program Director for UBC Radiology

(b) *Other service, including dates*

11. SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

Golden Key National Honour Society

1987 - Date

Canadian Medical Association	1988 - Date
Ontario Medical Association	1988 - 1994
Canadian Association of Radiologists	1993 - Date
BCMA	1997 - Date
AJR	1999- Date
RSNA	1999- Date
American Society of Emergency Radiology	2004- Date
Society of Cardiovascular Computed Tomography	2005 – date

(b) Memberships on other societies, including offices held and dates

(c) Memberships on scholarly committees, including offices held and dates

(d) Memberships on other committees, including offices held and dates

(e) Editorships (list journal and dates)

(f) Reviewer (journal, agency, etc. including dates)

(g) External examiner (indicate universities and dates)

(h) Consultant (indicate organization and dates)

Imaging consultant for Wyle Life Sciences Laboratory, Medical Operations Branch, NASA

(i) Other service to the community

12. AWARDS AND DISTINCTIONS

(a) Awards for Teaching (indicate name of award, awarding organizations, date)

Radiology Resident Teaching Award, 2001

(b) Awards for Scholarship (indicate name of award, awarding organizations, date)

Certificate for Scholastic Excellence May 1988
Rutgers University of New Jersey,
Piscataway, New Jersey, USA

Robert Wallace Boyd Research Endowment 2004
"Sonographic diagnosis of closed loop ischemic bowel obstruction"

(c) Awards for Service (indicate name of award, awarding organizations, date)

(d) Other Awards

RSNA Roentgen Ray Resident Research Award for excellence in research related activities. March 1997

Graduating Dean's Honor List, MD, Faculty of Medicine, University of Toronto. June 1992

Graduated with Highest Honors, BA, Rutgers University, New Jersey, USA. Sept 1985 – June 1988

Dean's Honor List Each Semester, Rutgers University, New Jersey, USA. Sept 1985 – June 1988

Dean's Honor List, Faculty of Medicine, University of Toronto. Sept 1988 – June 1992

A National Survey. 'Merit award' 2001. Torreggiani WC, **Nicolaou S**, Lyburn ID, Harris AC, Buckley AR. Emergency Radiology in Canada.

The Gordon E. Trueman Award (1st place). 2001. Torreggiani WC, **Nicolaou S**, Lyburn ID, Harris AC, Buckley AR. Emergency Radiology in Canada. A National Survey.

P. Poon Memorial Research Award 2002. Rowan K, Forkheim K, Liu D, Kirkpatrick A, **Nicolaou S**. US detection of pneumothoraces: correlation between CT and chest x-ray.

P. Poon Memorial Research Award 2003. Neyestani A, **Nicolaou S**, Graeb D, Simons R. CTA screening for blunt trauma to neck.

Walsh S, Harris A, Zwirewich C, **Nicolaou S**. Review of the CT findings of small bowel and mesenteric ischemia following blunt abdominal trauma. American Roentgen Ray Society Annual Meeting, Vancouver 2006. Bronze Medal for Scientific Exhibit.

13. OTHER RELEVANT INFORMATION (Maximum One Page)

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Nicolaou**FIRST NAME:** Savvakis**Initials:****MIDDLE NAME(S):****Date:** January 9, 2007**1. REFEREED PUBLICATIONS***(a) Journals*

1. Willoughby R, **Nicolaou S**, Stern H. Colorectal Cancer in a Young Woman and Literature Review. Medical Journal, University of Toronto 1991;69(1): 18-23.
2. **Nicolaou S**, Cooperberg P. The Two-Tone Testis Due to Refractive Shadowing of the Intratesticular Artery. Journal of Ultrasound and Medicine 1995;14: 963-965.
3. **Nicolaou S**, Müller NL, Li D, Oger J. Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome After Thymectomy. Radiology 1996;201: 471 -474 .
4. Torreggiani WC, Munk PL, **Nicolaou S**, Lee MJ. Musculoskeletal case 14. Presentation. Multiple enchondromatosis. Can J Surg 2001;44 (1);14, 63-64.
5. **Nicolaou S**, Dubec JJ, Munk PL, O'Connell JX, Lee MJ. Malignant chondroid syringoma of the skin: MR imaging features (Case Report). Australasian Radiology 2001;45 (April 2001)
6. Torreggiani WC, Lyburn ID, Harris AC, **Nicolaou S**. Computerized tomography appearances of partial lipodystrophy syndrome in association with membranoproliferative glomerulonephritis type 2. J HK Coll Radiol 2001;4:150-152.
7. Torreggiani WC, Munk PL, Al-Ismael K, O'Connell JX, **S Nicolaou**, Lee MJ, Masri BA. Case report: Granular cell tumour of the deltoid muscle. J HK Coll Radiol 2001;4:160-163.
8. Sargsyan AE, Hamilton D, **Nicolaou S**, Kirkpatrick AW, Campbell M, Billica RD, Dawson DL, Williams DR, Melton SL, Beck G, Forkheim K, Dulchavsky SA. Ultrasound evaluation of the magnitude of pneumothorax: A new concept. Am Surg 2001;67:232-236.
9. Kirkpatrick AW, Ng AK, Dulchavsky SA, Lyburn I, Harris A, Torreggiani W, Simons RK, **Nicolaou S**. Sonographic diagnosis of a pneumothorax inapparent on plain radiography: confirmation by computed tomography. J Trauma 2001;50:750-752.
10. Nicolaou S, Dubec JJ, Munk PL, O'Connell JX, Lee MJ. Malignant chondroid syringoma of the skin: magnetic resonance imaging features. Australas Radiol 2001;45:240-243.
11. Torreggiani WC, Lyburn ID, Harris AC, **Nicolaou S**. Internal oblique hematoma: an alternative computed tomography diagnosis for flank pain. J Emerg Med 2001;21:183-184.
12. Torreggiani WC, Lyburn ID, Harris AC, **Nicolaou S**. Odontoid fracture following an epileptic seizure. Australas Radiol 2001;45:359-361.
13. Roche CJ, Lee WK, Duddalwar VA, **Nicolaou S**, Munk PL, Morris DC. Intrahepatic pseudoaneurysm complicating transjugular biopsy of the liver. AJR Am J Roentgenol 2001;177:819-821.
14. Torreggiani WC, Munk PL, Al-Ismael K, O'Connell JX, **Nicolaou S**, Lee MJ, Masri BA. MR imaging features of bizarre parosteal osteochondromatous proliferation of bone (Nora's lesion). Eur J Radiol 2001;40:224-231.

15. Kirkpatrick AW, Brown DR, Crickmer S, Mohr BP, Hamilton DR, Cunningham J, Walden PD, **Nicolaou S**. Hand-held portable sonography for the on-mountain exclusion of a pneumothorax. *Wilderness Environ Med* 2001;12:270-272.
16. Kirkpatrick AW, Simons RK, Brown DR, Ng AK, **Nicolaou S**. Digital hand-held sonography utilised for the focused assessment with sonography for trauma: a pilot study. *Ann Acad Med Singapore* 2001;30:577-581.
17. Torreggiani WC, Al-Ismail K, Munk PL, **Nicolaou S**, O'Connell JX, Knowling MA. Dermatofibrosarcoma protuberans: MR imaging features. *AJR Am J Roentgenol* 2002;178:989-993.
18. **Nicolaou S**, Hagel J, Munk PL, Torreggiani WC, Dubec JJ, Lee MJ, O'Connell JX. Pictorial Essay: Imaging features of alveolar soft part sarcoma. *J HK Coll Radiol* 2002;5:54-61.
19. **Colistro R**, Torreggiani WC, Lyburn ID, Harris AC, Al-Nakshabandi N, **Nicolaou S**, Munk PL. Pictorial Review. Unenhanced helical CT in the investigation of acute flank pain. *Clin Radiol* 2002;57:435-441.
20. Cunningham J, Kirkpatrick AW, **Nicolaou S**, Liu D, Hamilton DR et al. Enhanced recognition of "lung sliding" with power color Doppler imaging in the diagnosis of pneumothorax. *J Trauma* 2002;52:769-771.
21. Al-Ismail K, Torreggiani WC, Munk PL, **Nicolaou S**. Gluteal mass in a bodybuilder: radiologic depiction of a complication of anabolic steroid use. *Eur Radiol* 2002;12:1366-1369.
22. Kirkpatrick AW, Simons RK, Brown R, **Nicolaou S**, Dulchavsky S. The hand-held FAST: experience with hand-held trauma sonography in a level-I urban trauma center. *Injury* 2002;33:303-308.
23. Torreggiani WC, **Nicolaou S**, Lyburn ID, Harris AC, Buckley AR. Emergency radiology in Canada: a national survey. *Can Assoc Radiol J* 2002;53:160-167.
24. Torreggiani WC, Keogh C, Al-Ismail K, Munk PL, **Nicolaou S**. Von Hippel-Lindau disease: a radiological essay. *Clin Radiol* 2002;57:670-680. Review.
25. Torreggiani WC, Al-Ismail K, Munk PL, Roche C, Keogh C, **Nicolaou S**, Marchinkow LP. The imaging spectrum of Baker's (Popliteal) cysts. *Clin Radiol* 2002;57:681-691.
26. Al-Ismail K, Torreggiani WC, Munk PL, O'Connell JX, **Nicolaou S**, Masri BA. Ollier's disease in association with adjacent fibromatosis. *Skeletal Radiol* 2002;31:479-483.
27. Kirkpatrick AW, **Nicolaou S**, Campbell MR, et al. Percutaneous aspiration of fluid for management of peritonitis in space. *Aviat Space Environ Med* 2002;73:925-930.
28. Rowan KR, Kirkpatrick AW, Liu D, Forkheim KE, Mayo JR, **Nicolaou S**. Traumatic pneumothorax detection with thoracic US: correlation with chest radiography and CT -- initial experience. *Radiology* 2002;225:210-214.
29. **Nicolaou S**, Al-Nakshabandi NA, Müller NL. SARS: imaging of severe acute respiratory syndrome. *AJR* 2003;180:1247-1249.
30. Kirkpatrick AW, Brown R, Diebel LN, **Nicolaou S**, Marshburn T, Dulchavsky SA. Rapid diagnosis of an ulnar fracture with portable hand-held ultrasound. *Mil Med* 2003;168:312-313. Erratum in: *Mil Med* 2003;168:555.

31. **Nicolaou S**, Al-Nakshabandi NA, Müller NL. Images in clinical medicine. Radiologic manifestations of severe acute respiratory syndrome. *N Engl J Med* 2003;348:2003.
32. Gee R, Munk PL, Keogh C, **Nicolaou S**, Masri B, Marchinkow LO. Radiography of the PROSTALAC (prosthesis with antibiotic-loaded acrylic cement) orthopedic implant. *AJR* 2003;180:1701-1706.
33. Kirkpatrick AW, Hamilton DR, **Nicolaou S**, Sargsyan AE, Campbell MR, Feiveson A, Dulchavsky SA, Melton S, Beck G, Dawson DL. Focused Assessment with Sonography for Trauma in weightlessness: a feasibility study. *J Am Coll Surg* 2003;196:833-844.
34. Müller NL, Ooi GC, Khong PL, **Nicolaou S**. Severe acute respiratory syndrome: radiographic and CT findings. *AJR* 2003;181:3-8.
35. Liu DM, Forkheim K, Rowan K, Mawson JB, Kirkpatrick A, **Nicolaou S**. Utilization of ultrasound for the detection of pneumothorax in the neonatal special-care nursery. *Pediatr Radiol* 2003;33:880-883.
36. White JH, Hague C, **Nicolaou S**, Gee R, Marchinkow LO, Munk PL. Imaging of sacral fractures. *Clin Radiol* 2003;58:914-921.
37. Müller NL, Ooi GC, Khong PL, Zhou LJ, Tsang KW, **Nicolaou S**. High-resolution CT findings of severe acute respiratory syndrome at presentation and after admission. *AJR* 2004;182:39-44.
38. Ooi GC, Khong PL, Müller NL, Yiu WC, Zhou LJ, Ho JC, Lam B, **Nicolaou S**, Tsang KW. Severe acute respiratory syndrome: temporal lung changes at thin-section CT in 30 patients. *Radiology* 2004 Mar;230(3):836-844.
39. Hamilton DR, Sargsyan AE, Kirkpatrick AW, **Nicolaou S**, Campbell M, Dawson DL, Melton SL, Beck G, Guess T, Rasbury J, Dulchavsky SA. Sonographic detection of pneumothorax and hemothorax in microgravity. *Aviat Space Environ Med* 2004 Mar;75(3):272-277.
40. Kirkpatrick AW, Sirois M, Laupland KB, Liu D, Rowan K, Ball CG, Hameed SM, Brown R, Simons R, Dulchavsky SA, Hamilton DR, **Nicolaou S**. Hand-held thoracic Sonography for detecting post-traumatic pneumothoraces: the extended focused assessment with sonography for trauma (EFAST). *J Trauma* 2004;57:288-295.
41. Kirkpatrick AW, **Nicolaou S**, Rowan K, Liu D, Cunningham J, Sargsyan AE, Hamilton D, Dulchavsky SA. Thoracic sonography for pneumothorax: the clinical evaluation of an operational space medicine spin-off. *Acta Astronautica*. In press. Available online at www.sciencedirect.com
42. Ball CG, Kirkpatrick AW, Laupland KB, Fox DI, **Nicolaou S**, Anderson IB, Hameed SM, Kortbeek JB, Mulloy RR, Litvinchuk S, Boulanger BR. Incidence, risk factors, and outcomes for occult pneumothoraces in victims of major trauma. *J Trauma* 2005;59:917-925.
43. Schneidereit NP, Simons R, **Nicolaou S**, Graeb D, Brown DR, Kirkpatrick A, Redekop G, McKeivitt EC, Neyestani A. Utility of screening for blunt vascular neck injuries with computed tomographic angiography. *J Trauma* 2006;60:209-215.
44. Kirkpatrick AW, Ball CG, **Nicolaou S**, Ledgerwood A, Lucas CE. Ultrasound detection of right-sided diaphragmatic injury: the "liver sliding" sign. *Am J Emerg Med* 2006;24:251-252.
45. Ball CG, Kirkpatrick AW, Fox DL, Laupland KB, Louis LJ, Andrews GD, Dunlop MP, Kortbeek JB, **Nicolaou S**. Are occult pneumothoraces truly occult or simply missed? *J Trauma* 2006;60:294-298.
46. **Nicolaou S**, Kai B, Ho S, Su J, Ahamed K. Imaging of acute small bowel obstruction. *AJR* 2005;1036-1044.

47. Guerrero, J., Salcudean, S. E., McEwen, J. A., Masri, B. A., **Nicolaou S.** System for Deep Venous Thrombosis Detection using Objective Compression Measures, IEEE Transactions on Biomedical Engineering 2006;53:845-854.
48. Ball CG, Kirkpatrick AW, Yilmaz S, Monroy M, **Nicolaou S**, Salazar A. Renal allograft compartment syndrome: an underappreciated postoperative complication. Am J Surg 2006;191:619-624.
49. Rowan KR, **Nicolaou, S**, et al. Traumatic pneumothorax detection with thoracic US: Correlation with chest radiography and CT – initial experience. Radiology 2002;Oct(225):210-214.
50. Kirkpatrick AW, Colistro R, Laupland KB, Fox DL, Konkin DE, Kock V, Mayo JR, **Nicolaou S.** Renal arterial resistive index response to intraabdominal hypertension in a porcine model. Crit Care Med 2007;35:207-213.

In press:**Accepted for publication:**

1. Simons R, **Nicolaou S.** CTA screening of blunt trauma to neck. (Submitted to Journal of Trauma).
2. Guerrero J, Salcudean SE, McEwen JA, Masri BA, **Nicolaou S.** Contour detection with extended Kalman filters.
3. Guerrero J, Salcudean SE, McEwen JA, Masri BA, **Nicolaou S.** FAST screening system for deep vein thrombosis. Accepted at the 29th Canadian Medical and Biological Engineering Conference. Proceedings will be published.
4. **Nicolaou S.** Renal arterial resistive index response to intra-abdominal hypertension in a porcine model. Accepted for publication: Critical Care Medicine.
5. **Nicolaou S, Talsky A, Khashoggi.** Ultrasound-guided interventional radiology in critical care. Accepted for publication: Supplement, Applications of Ultrasound in Critical Care Medicine.

(b) Conference Proceedings and Published Abstracts

1. **Nicolaou S, Müller NL, Li D, Oger J.** Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome After Thymectomy. Radiology 1996;201:471 -474.
2. **Nicolaou S, Cooperberg P.** The Two-Tone Testis Due to Refractive Shadowing of the Intratesticular Artery. Journal of Ultrasound and Medicine 1995;14: 963-965.
3. Willoughby R, **Nicolaou S, Stem H.** Colorectal Cancer in a Young Woman and Literature Review. Medical Journal, University of Toronto 1991;69(I):18-23.
4. **Nicolaou S, Nigro M, Machan L.** SCVIR 22nd Annual Meeting. Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach. Washington, DC, March 12 1997.
5. **Nicolaou S, Nigro M, Machan L.** RSNA Scientific Program. Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach. Chicago, 11, Dec. 1996.

6. **Nicolaou S**, Müller NL, Li D, Oger J. RSNA Scientific Program. Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome after Thymectomy. Chicago, 11, Dec. 1996.
7. **Nicolaou S**, Nigro M, Machan L. Canadian Association of Radiologists Annual Meeting. Varicocele Embolization: Comparison of Transfemoral vs. Transjugular Venous Approach. Vancouver, June 1996.
8. **Nicolaou S**, Müller NL, Li D, Oger J. Canadian Association of Radiologists Annual Meeting. Thymus in Myasthenia Gravis: Comparison of CT, Pathologic Findings and Clinical Outcome after Thymectomy. Vancouver, June 1996.
9. **Nicolaou S**, Tonogai W, Marotta T. Canadian Association of Radiologists Annual Meeting. Radiologic-Pathologic Correlation of Intramedullary Spinal Cord Cavernous Angioma. Vancouver, June 1996.
10. Dubec JJ, **Nicolaou S**, Munk PL, Lee MJ, Marchinkow LO, Masri BA, Wambeek N. Radiological Society of North America 85th Annual Meeting. Cross Sectional Imaging Features of Alveolar-Cell Soft Tissue Sarcoma. Chicago, Ill., December 1999.
11. Torreggiani WC, **Nicolaou S**, Lyburn ID, Harris AC, Buckley AR. Emergency Radiology in Canada. A National Survey. *The University of British Columbia Radiology Research Day* June 2000 Congress Suppl
12. Lyburn ID, Torreggiani WC, Harris AC, Zwirewich CV, **Nicolaou S**, Buckley AR. Blunt Trauma to the Spleen - Pictorial Review of Sonography Findings *Canadian Journal of Radiology* 2000. congress suppl. p 91
13. Torreggiani WC, **Nicolaou S**, Lyburn ID, Harris AC, Buckley AR. Emergency Radiology in Canada. A National Survey. *Canadian Journal of Radiology* 2000. congress suppl. p 97
14. Sargsyan AE, **Nicolaou S**, Kirkpatrick AW, Hamilton D, Campbell M, Billica RD, Dawson DL, Williams DR, Melton SL, Beck G, Dulchavsky SA. Ultrasound evaluation of the magnitude of pneumothorax: A new concept. 43rd Annual Meeting, Midwest Surgical Association, August 2000.
15. **Nicolaou S**, Rowan K, Forkheim K, Bicknell, S, Nakshabandi N, Dulchavsky S, Kirkpatrick A. Thoracic sonography for the detection of traumatic pneumothoraces: a correlation with plain chest radiography and computed tomography. Radiological Society of North America, 86th Scientific Assembly and Annual Meeting, Chicago, IL. November 26-December 1, 2000.
16. Liu DM, Rowan KR, Kirkpatrick AW, **Nicolaou S**. Extended focused assessment with sonography in trauma (eFAST): incorporation of ultrasonography for detection of pneumothorax. Radiological Society of North America, 87th Scientific Assembly and Annual Meeting, Chicago, IL. November 25-30, 2001.
17. Torreggiani WC, Munk PL, Al-Ismail K, O'Connell JX, **Nicolaou S**, Lee MJ, Masri B. The Imaging Features of Bizarre Parosteal Osteochondromatous Proliferation of Bone with Emphasis on MRI. Proceedings of the 101st Annual Meeting of the American Roentgen Ray Society 2001, American Journal of Roentgenology 179; 134
Proceedings of the 64th Annual Meeting of the Canadian Association of Radiologists, Sept 21-23, 2001, p.43
18. Torreggiani WC, Munk PL, Al-Ismail K, O'Connell JX, **Nicolaou S**, Lee MJ, Masri B. The Imaging Features of Bizarre Parosteal Osteochondromatous Proliferation of Bone with Emphasis on MRI. Proceedings of the 101st Annual Meeting of the American Roentgen Ray Society 2001, American Journal of Roentgenology 179; 134

- Proceedings of the 64th Annual Meeting of the Canadian Association of Radiologists, Sept 21-23, 2001, p.43
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2. NON-REFEREED PUBLICATIONS

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3. BOOKS

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4. PATENTS

5. SPECIAL COPYRIGHTS

6. ARTISTIC WORKS, PERFORMANCES, DESIGNS

7. OTHER WORKS

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1. **WORK IN PROGRESS** (including degree of completion)

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