

**THE UNIVERSITY OF BRITISH COLUMBIA**  
**Faculty of Medicine Abbreviated Curriculum Vitae**

**Date:**

**Initials:** DM

1. **SURNAME:** MURPHY

**FIRST NAME:** Darra  
**MIDDLE NAME(S):** Thomas

2. **DEPARTMENT/SCHOOL:** Radiology

3. **FACULTY:** Medicine

4. **PRESENT RANK:** Clinical Assistant Professor                      **SINCE:** 2016

5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
University College Dublin	MB BCh BAO	Medicine	2002
Royal College of Physicians of Ireland	MRCPI	Internal Medicine	2005
Royal College of Surgeons in Ireland	FFR (RCSI)	Radiology	2009
Royal College of Physicians and Surgeons of Canada	FRCP(C)	Radiology	2013

**CONTINUING EDUCATION/TRAINING**

University or Institution	Type	Detail	Dates

**PROFESSIONAL QUALIFICATIONS:**

6. **EMPLOYMENT RECORD**

(a) *Prior (reverse chronological order)*

University, Hospital or Organization	Rank or Title	Dates
St Vincent's University Hospital, Dublin, Ireland	Intern	2002/3
Royal North Shore Hospital, Sydney, Australia	RMO	2003/4
St Vincent's University Hospital, Dublin, Ireland	Senior House Officer	2004-6
Mater Hospital, Dublin, Ireland	Radiology Registrar	2006-2011
Vancouver General Hospital, Vancouver, Canada	Radiology Fellow	2011-2013

(b) *Present*

University, Hospital or Organization	Rank or Title	Dates
St Paul's Hospital, Vancouver, Canada	Radiologist	2013-present

(b) *At UBC*

Rank or Title	Dates
Clinical Instructor	2014-present

**7. TEACHING**

(a) ***Areas of special interest and accomplishments***

I work at St. Paul's Hospital, a teaching hospital. As such, we have many medical students, residents and clinical fellows. I am in a unique position as the only member of the staff radiologists to have specialist training in all three areas we have fellows: Cardiac imaging, musculoskeletal imaging and Body Imaging and Intervention. Over the last three and half years I have directly taught, mentored and more importantly learned from 37 fellows from twelve countries.

I also regularly teach the radiology and visiting elective residents both at the workstation and by giving dedicated rounds. In 2015/16 I was a winner of a teaching award for 'Best Viewbox Teacher' for the UBC radiology residents.

(b) ***Courses Taught at UBC***

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other

(c) ***Graduate Students Supervised and/or Co-Supervised (including students supervised in clinical placements)***

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		

**(d) Continuing Education Activities (Only those that you taught)**

UBC Head to Toe Conference, Vancouver; presenter 2014, 2015  
 UBC MSK Conference, Whistler; Presenter 2015 - present

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

**(f) Other**

**8. SCHOLARLY AND PROFESSIONAL ACTIVITIES**

**(a) Areas of special interest and accomplishments**

**(b+c) Research or equivalent grants/contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))**

Granting Agency	Subject	C / NC	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)

**(d) Presentations**

1. Ethelbert J, **Murphy DT**, Parissis H, Siddiah V, Luke D. Review of Lobectomy with Sleeve-Resection of Main Bronchus in Surgically Treated Pulmonary Neoplasms. *Annual Conference of the Indian Association of Cardiovascular-Thoracic Surgeons; Cochi, Kerala, India; February 2005.*
2. Monaghan TS, **Murphy DT**, Tubridy N, Hutchinson M. The Woman who Mistook the Past for the Present – A ‘variant’ presentation of an old disease: a further differential for the ‘pulvinar sign’.

*Association of British Neurologists, Spring Meeting; Brighton; April 19-21, 2006. Winner of ABN 1<sup>st</sup> prize.*

3. Shaw CM, **Murphy DT**, Moriarty JM, Lawler LP. Diagnosis and Management of Iatrogenic Pseudoaneurysms: A Single Centre Experience. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin; September 2007.*
4. MacMahon P, Kennedy AM, **Murphy DT**, Maher M, McNicholas MM. A Prostate Volume Algorithm based on Actual Prostate Shape Significantly Improves Trans-Rectal Ultrasound Volume Estimation. *Radiological Society of North America (93rd Annual Meeting), Chicago; November 2007.*
5. **Murphy DT**, Shine S, MacMahon PJ, Eustace SJ. Perimalleolar Subcutaneous Edema in Acute Ankle Sprain - A Mark of Capsule Disruption at MRI. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin; September 2007.*
6. **CT Urography – Indications and Techniques.** *Annual Conference of the Irish Institute of Radiography and Radiation Therapy (IIRRT); Sligo, Ireland. November 7/8<sup>th</sup> 2008*
7. Shine SC, **Murphy DT**, Eustace SJ. Bone Bruise Pattern Complicating Ankle Inversion Injury at Magnetic Resonance Imaging. *Radiological Society of North America (94th Annual Meeting), Chicago; December 2008.*
8. **Murphy DT**, MacMahon PJ. “Next Case Please”: Implementation of an Open Source Conference Solution in a PACS-less Institution. *Radiological Society of North America (94th Annual Meeting), Chicago; December 2008 and Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin; September 2008 (via iChat video link).*
9. Ryan HM, **Murphy DT**, Boyd W, Lawler LP. Uterine Fibroid Imaging and Therapy: Medical, Endovascular and Surgical Management. *French Society of Gynaecology, Ninth European Meeting, Paris, France; October 2008*
10. **Murphy DT.** Osteonecrosis of the Jaw. *Annual Meeting of the Irish Society of Musculoskeletal Radiologists (ISMR), Dublin; January 2009.*
11. Ryan HM, **Murphy DT**, Boyd W, Lawler LP. PET/CT in the Staging of Cervical Cancer: Experience of a Single Irish Institution. *Specialist Registrars in Obstetrics & Gynaecology Society Annual Scientific Meeting - UK & Ireland, Dublin; June 2009. Winner of 1<sup>st</sup> prize.*
12. **OsiriX – An open Source Solution to the Multidisciplinary Conference.** *European Congress of Radiology (ECR), Vienna, Austria; March 2010*
13. **Murphy DT**, McGee A, Craddock A, Lawler LP, Murray JM. Value of Subtraction of High Resolution Time-Resolved Contrast-Enhanced MR Angiography Images using a spiral-TWIST Sequence in the evaluation of complex Congenital Heart Disease. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin; September 2010.*

14. **Anatomy: The Spine.** *UBC School of Medicine, Vancouver*; September 2011
15. **Murphy DT**, Moynagh M, Chan V, Kavanagh EC, Eustace SJ. Distribution of Injectate on MRI at Caudal Epidural Injection. *Society of Skeletal Radiologists (SSR) Annual Meeting, Miami, Florida*; March 2012.
16. **Murphy DT**, Murphy BD, McGee A, Craddock A, Lawler LP, Murray JM. Value of Sequential Subtraction of Time Resolved MR Angiography in the Evaluation of Complex Adult Congenital Heart Disease. *American Roentgen Ray Society (ARRS) Annual Meeting (Abstract 288)*, *Vancouver, Canada*; May 2012.

**(e) Other**

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

1. **Anatomy: The Heart.** *UBC School of Medicine, Vancouver*; October 2012
2. **Pulmonary Nodules – solid and perifissural.** *Vancouver Imaging Review: Head to Toe*; September 2013
3. **Valvular Assessment with Cardiac CT:** Transcatheter Aortic Valve Implantation. *Vancouver Imaging Review: Head to Toe*. Friday, September 19, 2014.
4. **Advanced imaging techniques, applications and intervention;** Technology in Radiology & Medicine; *Choosing Wisely. Department of Family and Community Medicine. CME rounds*. November 17 2014. St Paul's Hospital.
5. **Squash: Achilles tendon tears.** *MSK Imaging Course Whistler*. Sunday February 8<sup>th</sup> 2015.
6. **Playing detective: Hard to identify clinical foot pain -SPECT/CT foot & ankle.** *MSK Imaging Course Whistler*. Sunday February 8<sup>th</sup> 2015.
7. **Iliopsoas snapping.** *MSK Imaging Course Whistler*. Tuesday February 10<sup>th</sup> 2015.
8. **Abdominal wall pain in an athlete.** *MSK Imaging Course Whistler*. Tuesday February 10<sup>th</sup> 2015.
9. **Low Back and MSK Imaging: Interpreting the Results.** *GP CME on the Run*. Paetzold Auditorium, Vancouver General Hospital. March 2015.
10. **Tendinopathy: Role of Ultrasound Imaging in Diagnosis and Treatment.** *Current Updates & New Advances in Sports Medicine. Fortius Sport & Health: Burnaby, BC*. April 18th, 2015.
11. **Modern Approach to Interstitial Lung disease.** *Vancouver Imaging Review: Head to Toe*. Rosewood Hotel Georgia, 801 West Georgia Street Vancouver, British Columbia, Canada. Fidat September 11<sup>th</sup> 2015.

12. **MR Imaging with Cardiac Implantable Electronic Devices: Is the Change of Pace Too Slow?** *UBC Radiology Grand Rounds*. 13th May 2015
13. **Key points in MRI of the Upper Extremity.** *2015 Joint Congress on Medical Imaging and Radiation Sciences*. Palais de Congres, Montreal. 30th May 2015.
14. **HRCT Patterns in Di use Lung Disease.** *18th annual respiratory medicine update*; Sheraton Vancouver Wall Centre, Vancouver, BC Canada. Saturday February 13<sup>th</sup> 2016.
15. **Squash: Gastrocnemius and Achilles tendon tears.** *Whistler MSK Imaging Course*, Whistler, BC, Canada. Saturday 27<sup>th</sup> February 2016.
16. **Calcaneus and Subtalar Joint.** *Whistler MSK Imaging Course*, Whistler, BC, Canada. Saturday 27<sup>th</sup> February 2016.
17. **Biceps Tendon and the Rotator Interval.** *Whistler MSK Imaging Course*, Whistler, BC, Canada. Monday 29<sup>th</sup> February 2016.
18. **Snapping at the hip – iliopsoas and Greater Trochanter.** *Whistler MSK Imaging Course*, Whistler, BC, Canada. Tuesday 1<sup>st</sup> March 2016.
19. **CT Measures of LV function and Volume.** Society of Cardiac Computed Tomography Meeting, Orlando, Florida. June 23<sup>rd</sup> – 26<sup>th</sup> 2016
20. **Low Back Pain and Intervention.** *Physician Champion, Vancouver Coastal Health (VCH) Regional Practice Support Program (PSP)*. Vancouver, BC. September 19<sup>th</sup> 2016.
21. **Session leader for the MSK - Sports Injuries Track.** *Canadian Association of Radiologists 80<sup>th</sup> Annual Scientific Meeting*. April 21, 2017

## 9.1 SERVICE TO THE UNIVERSITY

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

- UBC Radiology Research Committee; 2016 - present

### (b) **Other service to the University, including dates**

Capstone Collaborations:

- 2014/15: Capstone UBC Department of Electrical and Computer Engineering (ECE). HACK: Hybrid windowing using an Advanced CT reconstruction Kernel
- 2014/15: Capstone UBC Department of Electrical and Computer Engineering (ECE). DocTalk: An Advanced Communication Tool for Healthcare Professionals

- 2015/16: Capstone UBC Department of Electrical and Computer Engineering (ECE). Leapsis – Radiology image manipulation using single handed gesturing in a sterile environment
- 2015/16: Capstone UBC School of Population and Public Health, Masters of Health Administration. Supervisor for Samuel Yim – “*Improving the Efficiency of the Pacemaker-Magnetic Resonance Imaging Program: A Single Facility Evaluation*”

## **9.2 SERVICE TO THE HOSPITAL/ORGANIZATION**

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

- Lower Mainland Medical Imaging (LMMI) DIR VCH/PHC PACS Upgrade Clinical Advisory Group member; 2015 - present
- PHC Facility (Physician) Engagement Working Group member; 2016 - present
- Regional Quality Improvement (RQI) Steering Committee; 2016 - present
- Provincial Advanced Imaging Strategy – Medical Imaging Business Process (MIBP) Working Group; 2016 - present
- SPH Redevelopment Physician Advisory Group; 2016 - present
- SPH Redevelopment - Information Technology Steering Committee; 2016 - present
- Expert Advisory Panel Committee member: RFPQ BC Clinical and Support Services (BCCSS); 2016 - present

### **(b) *Other service to the Hospital/Organization, including dates***

## **10. SERVICE TO THE COMMUNITY**

### **(a) *Memberships in professional and/or scholarly societies, include offices held and dates (eg. RCPS, Specialty societies etc.)***

- Pacific Northwest Radiological Society (PNWRS) Board Member; 2014-2016 (British Columbia Councillor)

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

- Radiological Society of North America (RSNA) since 2007
- European Society of Radiology (ESR) member since 2007
- American Roentgen Ray Society (ARRS) member since 2008
- Canadian Association of Radiologists (CAR) member since 2012
- Society of Skeletal Radiology (SSR) member since 2013
- Society of Cardiovascular CT (SCCT) member since 2013
- Pacific Northwest Radiological Society (PNWRS) 2014-2016
- Society of Cardiovascular Magnetic Resonance Imaging (SCMR) member since 2015

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

- UBC Radiology Research Committee; 2016 - present

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

(e) **Editorships (list journal and dates)**

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

- Canadian Association of Radiologists Journal (CARJ); 2013 – present
- CardioVascular and Interventional Radiology (CVIR); 2013 – present
- Journal of Cardiovascular Computed Tomography (JCCT); 2013 – present
- European Radiology; 2013 – present

(g) **External examiner (indicate universities and dates)**

(h) **Consultant (indicate organization and dates)**

(i) **Other service to the community**

11. **AWARDS AND DISTINCTIONS** (Indicate whether award is for Teaching, Scholarship, Service or Other. Indicate name of award, awarding organization, date)

- UBC faculty of Medicine, Department of Radiology Teaching award for “**Best Viewbox Teacher**” 2015/16

13. **OTHER RELEVANT INFORMATION** (Maximum One Page)



**THE UNIVERSITY OF BRITISH COLUMBIA**  
**Publications Record**

1. **SURNAME:** MURPHY **FIRST NAME:** Darra  
**MIDDLE NAME(S):** Thomas

2. **PUBLICATIONS** (*Indicate whether Refereed or Non-Refereed Publication or Book. Indicate whether Journal Article, Conference Proceeding or Other*)

(a) *Peer-reviewed Publications:*

1. MacMahon PJ, Kennedy AM, **Murphy DT**, Maher M, McNicholas MM. Modified Prostate Volume Algorithm Improves Transrectal US Volume Estimation in Men Presenting for Prostate Brachytherapy. *Radiology*. 2009 Jan;250(1):273-80. DOI:10.1148/radiol.2501080290 PMID: 19092098
2. **Murphy DT**, Shine SC, Cradock A, Galvin JM, Keelan ET, Murray JG. Cardiac MRI in Arrhythmogenic Right Ventricular Cardiomyopathy. *AJR Am J Roentgenol*. (2010) Apr; 194(4):W299-366. DOI: 10.2214/AJR.09.3450 PMID:20308474
3. **Murphy DT**, Moynagh MR, Eustace SJ, Kavanagh EC. Bone Marrow. *Magn Reson Imaging Clin N Am*. 2010 Nov;18(4):727-35. Review. DOI: 10.1016/j.mric.2010.07.003 PMID: 21111977
4. O'Rourke K; Crumlish N, **Murphy D**, Stack J, Murray B. Cerebral autosomal dominant arteriopathy with subcortical infarcts and leucoencephalopathy (CADASIL): a familial cause of depression and headache. *Irish Journal of Psychological Medicine*; Dec 2010; Vol: 27, Issue: 4; p 215-217 MAY HAVE TO MOVE TO NON PUBMED SECTION – entered in CCV as journal article
5. **Murphy DT**, Moynagh MR, Walsh KP, Nölke L, Murray JG. Percutaneous Transthoracic Computed Tomography-Guided AICD Insertion in a Patient with Extracardiac Fontan Conduit. *CVIR Cardiovasc Intervent Radiol*. 2011 Feb;34 Suppl 2:S224-7. DOI: 10.1007/s00270-010-9990-z PMID: 20953609
6. Tuohy MM, Remund KF, Hilfiker R, **Murphy DT**, Murray JG, Egan JJ. Endobronchial Valve Deployment in Severe  $\alpha$ -1 Antitrypsin Deficiency Emphysema: A Case Series. *Clin Resp J*. 2012 Jan 11. DOI: 10.1111/j.1752-699X.2012.00280.x PMID: 22236390
7. MacMahon PJ, **Murphy DT**, Zoga AC, Kavanagh EC. Postoperative Imaging of the Elbow, Wrist and Hand. *Semin Muscul Radiol*. 2011 Sep;15(4):340-56. Review. DOI: 10.1055/s-0031-01286015 PMID: 21928158
8. **Murphy DT**, Korzan JR, Ouellette HA, Liu DM, Clarkson PW, Munk PL. Driven Around the Bend: Novel Use of a Curved Steerable Needle. *Cardiovasc Intervent Radiol*. 2012 Oct 16. [Epub ahead of print] PMID: 23070100
9. Nicolaou S, Liang T, **Murphy DT**, Korzan JR, Ouellette H, Munk P. Dual-energy CT: a promising new technique for assessment of the musculoskeletal system. *AJR Am J Roentgenol*. 2012 Nov;199 (5 Suppl):S78-86. doi: 10.2214/AJR.12.9117. PMID: 23097171

10. Murphy G, Foran P, **Murphy D**, Tobin O, Moynagh M, Eustace S. "Superior cleft sign" as a marker of rectus abdominus/adductor longus tear in patients with suspected sportsman's hernia. *Skeletal Radiol.* 2013 Jun;42(6):819-25. doi: 10.1007/s00256-013-1573-z. Epub 2013 Jan 27 PMID: 23354527
11. Stevens CJ, **Murphy DT**, Korzan JR, Nicolaou S, Munk PL, Ouellette H. Plantar Plate Tear Diagnosis Using Dual-Energy Computed Tomography Collagen Material Decomposition Application. *J Comput Assist Tomogr.* 2013 May-Jun;37(3):478-80. doi: 10.1097/RCT.0b013e3182839028 PMID: 23674026
12. **Murphy DT**, Murphy DM, Muray JG, Gaine S. Respiratory Medicine Case Series. Case 1: Chronic Thromboembolic Pulmonary Hypertension. *Irish Medical Journal, May 2013.* PMID:23914576
13. **Murphy DT**, Murphy DM, Muray JG, Gaine S. Respiratory Medicine Case Series. Case 2: Silicosis. *Irish Medical Journal, June 2013.* PMID:23909156
14. Gleeson T, Thiessen R, Hannigan A, **Murphy DT**, English JC, Mayo JR. Pulmonary hamartomas: CT pixel analysis for fat attenuation using radiologic-pathologic correlation. *J Med Imaging Radiat Oncol.* 2013 Oct;57(5):534-43. doi: 10.1111/1754-9485.12083 PMID:24119266
15. Ryerson CJ, O'Connor D, Dunne JV, Schooley F, Hague CJ, **Murphy D**, Leipsic J, Wilcox PG. Predicting mortality in systemic sclerosis-associated interstitial lung disease using risk prediction models derived in idiopathic pulmonary fibrosis. *Chest.* 2015 May 21. doi: 10.1378/chest.15-0003. PubMed PMID: 25996795
16. Ebtia M, **Murphy D**, Gin K, Lee PK, Jue J, Nair P, Mayo J, Barnes ME, Thompson DJ, Tsang TS. Best method for right atrial volume assessment by two-dimensional echocardiography: validation with magnetic resonance imaging. *Echocardiography.* 2015 May;32(5):734-9. doi: 10.1111/echo.12735. Epub 2014 Sep 18. PubMed PMID: 25231096.
17. **Murphy DT**, Kavanagh EC, Poynton A, Chan VO, Moynagh MR, Eustace S. MR epidurography: distribution of injectate at caudal epidural injection. *Skeletal Radiol.* 2015 Apr;44(4):565-71. doi: 10.1007/s00256-014-1963-x. Epub 2014 Aug 2. PubMed PMID: 25081634.
18. Hauptfleisch J, English C, **Murphy D**. Elbow magnetic resonance imaging: imaging anatomy and evaluation. *Top Magn Reson Imaging.* 2015 Apr;24(2):93-107. PubMed PMID: 25835585.
19. Blanke P, Dvir D, Cheung A, Ye J, Levine RA, Precious B, Berger A, Stub D, Hague C, **Murphy D**, Thompson C, Munt B, Moss R, Boone R, Wood D, Pache G, Webb J, Leipsic J. A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. *J Cardiovasc Comput Tomogr.* 2014 Nov-Dec;8(6):459-67. doi: 10.1016/j.jcct.2014.09.009. Epub 2014 Oct 7. PubMed PMID: 25467833; PubMed Central PMCID: PMC4372049.
20. Raju R, Thompson AG, Lee K, Precious B, Yang TH, Berger A, Taylor C, Heilbron B, Nguyen G, Earls J, Min J, Carrascosa P, **Murphy D**, Hague C, Leipsic JA. Reduced iodine load with CT coronary angiography using dual-energy imaging: a prospective randomized trial compared with standard coronary CT angiography. *J Cardiovasc Comput Tomogr.* 2014 Jul-Aug;8(4):282-8. doi:

10.1016/j.jcct.2014.06.003. Epub 2014 Jun 17. PubMed PMID: 25151920; PubMed Central PMCID: PMC4274621

21. Hansson NC, Nørgaard BL, Barbanti M, Nielsen NE, Yang TH, Tamburino C, Dvir D, Jilaihawi H, Blanke P, Makkar RR, Latib A, Colombo A, Tarantini G, Raju R, Wood D, Andersen HR, Ribeiro HB, Kapadia S, Min J, Feuchtner G, Gurvitch R, Alqoofi F, Pelletier M, Ussia GP, Napodano M, Sandoli de Brito F Jr, Kodali S, Pache G, Canovas SJ, Berger A, **Murphy D**, Svensson LG, Rodés-Cabau J, Leon MB, Webb JG, Leipsic J. The impact of calcium volume and distribution in aortic root injury related to balloon-expandable transcatheter aortic valve replacement. *J Cardiovasc Comput Tomogr*. 2015 Sep-Oct;9(5):382-92. doi: 10.1016/j.jcct.2015.04.002. PMID: 26164109
22. **Murphy DT**, Blanke P, Alaamri S, Naoum C, Rubinshtein R, Pache G, Precious B, Berger A, Raju R, Dvir D, Wood DA, Webb J, Leipsic JA. Dynamism of the aortic annulus: Effect of diastolic versus systolic CT annular measurements on device selection in transcatheter aortic valve replacement (TAVR). *J Cardiovasc Comput Tomogr*. 2016 Jan-Feb;10(1):37-43. doi: 10.1016/j.jcct.2015.07.008. Epub 2015 Jul 26. PMID: 26239964
23. Naoum C, Leipsic J, Cheung A, Ye J, Bilbey N, Mak G, Berger A, Dvir D, Arepalli C, Grewal J, Muller D, **Murphy D**, Hague C, Piazza N, Webb J, Blanke P. Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse: Implications for Transcatheter Mitral Valve Implantation. *JACC Cardiovasc Imaging*. 2016 Mar;9(3):269-80. doi: 10.1016/j.jcmg.2015.08.022. PMID: 26897676
24. Raju R, Cury RC, Precious B, Blanke P, Naoum C, Arepalli C, Battlle JC, **Murphy D**, Hague C, Leipsic JA. Comparison of image quality, and diagnostic interpretability of a new volumetric high temporal resolution scanner versus 64-slice MDCT. *Clin Imaging*. 2016 Mar-Apr;40(2):205-11. doi: 10.1016/j.clinimag.2015.10.009. PMID: 26995571
25. Soon J, Sulaiman N, Park JK, Kueh SH, Naoum C, **Murphy D**, Ellis J, Hague CJ, Blanke P, Leipsic J. The effect of a whole heart motion-correction algorithm on CT image quality and measurement reproducibility in Pre-TAVR aortic annulus evaluation. *J Cardiovasc Comput Tomogr*. 2016 Sep-Oct;10(5):386-90. doi: 10.1016/j.jcct.2016.08.001. PMID: 27576115
26. Sze MA, Xu S, Leung JM, Vucic EA, Shaipanich T, Moghadam A, Harris M, Guillemi S, Sinha S, Nislow C, **Murphy D**, Hague C, Leipsic J, Lam S, Lam W, Montaner JS, Sin DD, Man SF. The bronchial epithelial cell bacterial microbiome and host response in patients infected with human immunodeficiency virus. *BMC Pulm Med*. 2016 Nov 9;16(1):142. PMID: 2782944

*(b) Other Publications:*

1. Monaghan TS, **Murphy DT**, Tubridy N, Hutchinson M. The Woman who Mistook the Past for the Present – A 'variant' presentation of an old disease: a further differential for the 'pulvinar sign'. *ACNR (Advances in Clinical Neurosciences and Rehabilitation)*. Vol 6, Issue 3 July/August 2006.
2. **Murphy DT**, Kelly N, Lawler LP. Uroradiology Review Article. *Hospital Doctor of Ireland*, April 2007
3. Purandare N, **Murphy DT**, Cooley S, O'Leary A, Gaffney G, O'Sullivan JG. Pharmacomechanical Thrombectomy for Recurrent and Multiple Deep Vein Thrombosis in Puerperium.

4. **Murphy DT**, Koulouris GC, Gopez AG, Kavanagh EC. Humeral avulsion of the glenohumeral ligament. *AJR Am J Roentgenol*. 2009 Jul;193(1):W74-5. Letter to the Editor. DOI: 10.2214/AJR.08.2228
5. **Murphy DT**, Lawler LP. CT Urography: Clarification. *Emergency Medicine Journal*, 16<sup>th</sup> September 2009. <http://emj.bmj.com/cgi/eletters/25/9/569>. Published Electronic Letter to the Editor.
6. **Murphy DT**, Korzan JR, Ouellette HA, Munk PL. Calcific tendonitis of gluteus maximus insertion. *EuroRad*. Published online November 23<sup>rd</sup> 2011. DOI: 10.1594/EURORAD/CASE.9701
7. Marchinkow A, **Murphy DT**, Chang DR, Korzan JR, Ouellette HA, Munk PL. Isolated capitate fracture. *EuroRad*. Published online Dec 19<sup>th</sup> 2011. DOI: 10.1594/EURORAD/CASE.9720.
8. **Murphy DT**, Kavanagh EC. Acute Post-traumatic Spinal Subarachnoid Hematoma. *AJNR case of the week*. <http://www.ajnr.org/site/home/cow/12192011.xhtml>. Published online December 19th 2011.
9. Korzan JR, **Murphy DT**, Ouellette HA, Munk PL. Malignant giant cell tumor of bone. *EuroRad*. Published online March 21<sup>st</sup> 2012. DOI: 10.1594/EURORAD/CASE.9738
10. Chang DR, Korzan JR, Marchinow A, **Murphy DT**, Ouellette HA, Munk PL. Hamate Hook Fracture. *EuroRad*. Published online June 10<sup>th</sup> 2012. DOI: 10.1594/EURORAD/CASE.9740

(c) *Book Chapters*

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1. **Virtual Colonoscopy: A Practical Guide** (2<sup>nd</sup> Edition: 29 Nov 2009). *Chapter 3: Starting CT Colonography in your Department*. **Darra T Murphy**, Alan O'Hare, Helen Fenlon. Springer Berlin Heidelberg, ISBN 978-3540798798.
2. **Arrythmogenic Right Ventricular Cardiomyopathy/Dysplasia** in *Color Atlas of Clinical Cardiology*. **Darra T Murphy** and Marc Deyell. ISBN-13: 978-9351522447. Dec 31 2014.
3. **Technical Advancements in Dual Energy**. In: *Dual-Energy CT in Cardiovascular Imaging*. ISBN-13: 978-3319212265. Oct. 14 2015

(d) *Book Reviews*

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1. **Body MR Imaging at 3 Tesla**. CARJ (Canadian Association of Radiologists Journal). **Murphy DT**. DOI: 10.1016/j.carj.2011.12.002 Published 27 January 2012
2. **Diagnostic Imaging: CHEST**. Melissa L. Rosado-de-Christenson (Author), Gerald F. Abbott (Author). Radiology. **Murphy DT**. Published June 2013

(e) *Poster Presentations and Published Abstracts*

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1. Ethelbert J, **Murphy DT**, Parissis H, Siddiah V, Luke D. Review of Lobectomy with Sleeve-Resection of Main Bronchus in Surgically Treated Pulmonary Neoplasms. *Indian Journal of Thoracic and Cardiovascular Surgery (IJTCVS)*, 2005; 21: 118 (Abstract 249)
2. **Murphy DT**, Monaghan TS, O'Laoide RM, Tubridy N. A "Variant" Presentation of an Old Disease: Evaluation of the Pulvinar Sign. *Royal College of Surgeons in Ireland (Faculty of Radiology) Imaging Meeting, Dublin*; February 2006
3. **Murphy DT**, MacMahon P, O'Gorman P, Eustace SJ. Osteonecrosis of the Jaw – New name for an old Disease: Re-emergence of the 'Phossy Jaw'. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin*; September 2007
4. Shaw CM, **Murphy DT**, Moriarty JM, Lawler LP. The IVC- Diagnostic Imaging and Interventional Therapies. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin*; September 2007
5. **Murphy DT**, Moriarty JM, Shaw C, Lawler LP. 3D MDCT Cholangiography (MDCT-C) and Novel Interventional Techniques – New approaches to old and complex problems in the biliary system. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin*; September 2007
6. Moriarty JM, Margey R, **Murphy DT**, Walsh K, Murray JM, Lawler LP. 3D Dual Source Cardiac Multidetector CT (DSCT) of Percutaneous Pulmonary Valve and Arterial and Venous Stent placement: Data Acquisition, Reconstruction and Image Interpretation with Angiographic Correlation.
  - a. *Royal College of Surgeons in Ireland (Faculty of Radiology) Annual Scientific Meeting, Dublin*; September 2007
  - b. *Radiological Society of North America (93rd Annual Meeting), Chicago*; (Scientific Poster); November 2007
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