



**Activities of Current Position:**

- Supervise running of the rheumatology dayward and outpatient services
- Lead trainer for house-staff and Rheumatology Specialist Registrars (Fellows)
- 6-week inpatient medicine & rheumatology service every 24 weeks
- Lead Clinician for the hospital's DXA service
- Lead Clinician for the hospital's fracture liaison services: Inpatient (HOOF) and Outpatient (SPOOF)
- Clinical Specialty lead in Rheumatology for the West North West hospital Group
- Rheumatology lead for N.U.I.G. Medical students and school of Podiatry
- Established and lead clinician for the weekly Rheumatology Journal Club
- Established the Rheumatology Radiology Conference with Dr. Diane Bergin
- Member of Royal College of Physicians of Ireland Specialty training committee for Rheumatology Specialist registrars
- Member of the organizing committee for the Irish Osteoporosis Society Annual meeting
- President International Society for Clinical Densitometry
- Chair of I.S.C.D. Local Organising Committee for DXA Courses in Ireland
- Supervisor summer student projects from NUIG annually
- Supervisor Rheumatology Research Registrar posts since 2009
- Rheumatology Lead, Clinical Research Facility, NUIG, Galway
- Established and help modify the Rheumatology electronic medical record with Dr. Coughlan and Ms. Mary Langan (Cellma)
- Member of the National Information Communication and Technology strategy group, Ireland
- Established and runs monthly rheumatology e-clinic with Roscommon Hospital for rheumatology patients (1-2 hours away)
- Establishing nurse-led remote monitoring of rheumatology arthritis patients, GUH
- Reviewer for several peer-reviewed medical journals
- Member of Trans-Atlantic Cardiovascular Risk Calculator for Rheumatoid Arthritis group (ATACC-RA)
- Irish Representative EULAR Epidemiology sub-committee
- Member, Scientific Advisory Committee, International Osteoporosis Foundation

**Postdoctoral Training:**

1993-94	<b>Internship</b>	Medicine and Surgery, St Vincent’s Hospital, Dublin, Ireland.
1994-95	<b>Internship</b>	Internal Medicine, Newton-Wellesley Hospital, Newton, MA 02162, U.S.A.
1995-1997	<b>Resident</b>	Internal Medicine, Boston University Medical Center, (Boston City Hospital, University Hospital, Boston V.A. Hospital, Brockton Hospital) Boston, MA 02118, U.S.A.
1997-98	<b>Clinical Fellow</b>	Rheumatology, Boston University Medical Center, Boston, MA 02118, U.S.A.
1/7/2003 - 1/10/2004	<b>Fellow</b>	Rheumatology, A50, Cleveland Clinic Foundation, 9500 Euclid Avenue, Cleveland, OH 44195, U.S.A.
1/10/2004 – 1/10/2006	<b>Clinical Associate</b>	Rheumatology and Metabolic Bone Disease, A50, Cleveland Clinic Foundation, 9500 Euclid Avenue, Cleveland, OH 44195, U.S.A.
5/7/2004 – 11/08/2006	<b>Clinical Research</b>	Clinical Research Scholars Program, Case Western Reserve University, Cleveland, OH 44106. (M.S. Degree awarded 11 <sup>th</sup> August 2006) Professor Regis E. McFadden, M.D.

**Degrees, Certification & Licensure:**

1993	Registered Medical Practitioner, Ireland. #:17528.
1993	United States Medical Licensing Examination, part 1 and 2.
1995	American Heart Association Certification in Basic and Advanced Cardiac Life Support (renewed 2001).
1995	United States Medical Licensing Examination, part III, #:0-506-897-8.
1996	Medical license, Commonwealth of Massachusetts, #:151987.
1997	Diplomat, American Boards in Internal Medicine, #:175822.
1998	Licensed in Medicine and Rheumatology, Commonwealth of Massachusetts, #:151987.
2000	Certified Clinical Densitometrist (C.C.D.), The International Society For Clinical Densitometry (I.S.C.D.), Boston, MA, USA.
2004	Medical License, State of Ohio, #: 35.085085
2005	Diplomat, American Boards in Rheumatology, #:175822.
2009	Registered Medical Practitioner in specialty of Internal (General) Medicine, Ireland
2009	Registered Medical Practitioner in specialty of Rheumatology, Ireland.

**Prior Appointments / Work Experience:**

- 1993 Internship in Surgery, St Vincent's Hospital, Dublin, Ireland.  
Mrs. Brian Hurson, Kieran O'Rourke, William Quinlan & Eamon Kelly  
Orthopedic Surgery. Phone: 01-2694533.  
Professor Niall O'Higgins, General and Thyroid Surgery and National  
Breast Cancer Unit. Phone: 01-2694533.
- 1994 Internship in Medicine, St. Vincent's Hospital, Dublin, Ireland.  
Professor Diarmuid O'Donoghue & Dr. John Hegarty Gastroenterology  
and National Liver Transplant Unit.  
Gastroenterology and Liver Unit, St. Vincent's University Hospital, Elm  
Park, Dublin 4. Phone: 01-2694533. Ext 4711/4416. Fax: 01-2697949.=  
Professor Muiris X. Fitzgerald, Pulmonary Medicine and National Cystic  
Fibrosis Unit. Phone: 01-2694947.
- 1994-1995 Internship in Internal Medicine, Newton - Wellesley Hospital, Tufts  
University, Boston, Massachusetts, U.S.A.  
Professor John Harrington and Dr. Henry Yager.  
Department of Medicine, Newton-Wellesley Hospital, 2014 Washington  
Street, Newton, MA 02462, U.S.A.  
Telephone: 001-617-244-6940. Fax: 001-617-243-6701
- 1996-1997 Junior/Senior Resident in Internal Medicine, Boston University  
Medical Center, (Boston City Hospital, University Hospital, Boston  
V.A. Hospital, Brockton Hospital) Boston, MA 02118, U.S.A.  
Dr. Thomas Barber.
- 7/97-6/98 Clinical Fellow in Rheumatology, Boston University Medical Center,  
MA 02118, U.S.A. Professor Joseph Korn (RIP).  
Professor R. Simms.  
Dr. T. McAlindon, MD, MPH.
- 07/98-06/03 Staff Physician in Internal Medicine and Rheumatology, Emerald  
Physicians, Hyannis, Massachusetts, U.S.A. Partner: Dr. Cormac Coyle.  
Phone: 001-508-778-4777. Fax: 001-508-771-9555.
- 07/98-06/03 Staff Physician in Internal Medicine, Cape Cod Hospital, 27 Park Street  
Hyannis, MA 02601 U.S.A. Ms. Gail Negron.  
Phone: 001- 508-862-5357 (office). 001-508-862-7316 (FAX)  
gnegron@capecodhealth.org
- 2002 – 2003 Consultant Physician in Adolescent Medicine, Cape Cod Healthcare,  
Hyannis, MA, U.S.A.

- 7/03-10/04 Fellow in Rheumatology, A50, Cleveland Clinic Foundation, 9500 Euclid Avenue, Cleveland, OH 44195, U.S.A. Professor Gary S.Hoffman.
- 10/2004 Clinical Associate in Rheumatology, Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A. Professor Gary Hoffman.
- 10/06-6/07 Associate Staff in Rheumatology, Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A. Professor Gary Hoffman.
- 10/06-6/07 Assistant Professor Cleveland Clinic Lerner College of Medicine/C.W.R.U. Cleveland, Ohio, U.S.A.
- 10/06-6/07 Staff Physician, The Center for Osteoporosis and Metabolic Bone Disease, Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A.
- 10/04-6/07 Director of Rheumatology for Internal Medicine & Podiatry Residents, Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A.
- 10/06-6/07 Associate Rheumatology Fellowship Program Director, Cleveland Clinic Foundation, Cleveland, Ohio, U.S.A.

**Other Education/Courses**

- 2006 Vertebral Fracture Assessment (VFA) Course, The International Society For Clinical Densitometry (I.S.C.D.), Cleveland Ohio, USA.
- 2010 Paediatric Bone Densitometry Course, The International Society For Clinical Densitometry, San Antonio, Texas, USA
- 2011 Body Composition Course, The International Society For Clinical Densitometry, Miami, Florida, USA
- 2012 Interviewer Skills Course, Royal College of Physicians, Dublin, Ireland.
- 2013 Project ECHO Immersion Training, Albuquerque, New Mexico, USA

**Professional Society Involvement:**

- 1994 - Massachusetts Medical Society
- 1997 - American College of Rheumatology
- 2000 - International Society for Clinical Densitometry
- 2002 - American Society of Bone and Mineral Research.
- 2003 - The Arthritis Foundation
- 2005 - Irish Society for Rheumatology
- 2013 - International Osteoporosis Foundation

**Achievements/Awards:**

2000	Voted number 1 Doctor in patient poll, Cape Cod, Massachusetts.
2001	Voted number 1 Doctor's office for Cape Cod, Massachusetts.
2002	Voted number 1 Doctor's office for Cape Cod, Massachusetts.
2005	Awarded best Cleveland Clinic Foundation cluster group: Bone Deficiency Working Group.
2005	HON Code Approval: International Society For Clinical Densitometry (member of I.S.C.D. web committee)
2006	Webby Distinction Award: I.S.C.D. Web Site (member of I.S.C.D. web committee)
2007	Young Investigator Award, I.S.C.D. Annual Meeting, Tampa, Florida, USA.
2011	Fellow Member, Royal College of Physicians, Ireland.
2013	Winner Irish Health Care Awards for best use of IT
2014	Winner Health Innovation Hub Award, Cork, Ireland
2016	Winner H.S.E., Ireland Best Open Access Research Publication

**PART 2:                    **Research****

**Report of Research Activities:**

My research expertise is in patient-oriented clinical research focusing on imaging and outcomes research. I have several training programmes, including a Master's degree in Clinical Research (Thesis on file at Case Western Reserve University, Cleveland, Ohio, USA), obtaining an A grade in all graded courses except CRSP 406 (B grade):

CRSP 401	Introduction to Clinical Research
CRSP 402	Epidemiology
CRSP 403	Biostatistics
CRSP 404	Seminar Series
CRSP 406	Introduction to SAS programming
CRSP 407	Logistic Regression and Survival Analysis
CRSP 500	Observational Studies
CRSP 515	Large Database Management and Analysis
EPBI 460	Health Services Research Methods I
IBMS 500	Being a Professional Scientist
CRSP 651	Thesis Project

In addition, I have participated as a sub-investigator in several clinical trials: vasculitis (RAVE-ITN group), rheumatoid arthritis, juvenile idiopathic arthritis and osteoporosis.

**Abilities:**

- Study Design and Implementation.
- Data collection and Analysis

- Implementation of standardized assessment and data collection in Clinical Practice and Research.
- Cleaning and analysis of large databases.
- Able to work effectively with the following statistical software programs:
  1. SAS version 9.1, SAS Institute, North Carolina, U.S.A.
  2. S-plus, version 7.0 ,Insightful INC. Lucent technologies, U.S.A.
  3. MedCalc Software, version. 8.2.1.0. 9030 Mariakerke, Belgium.

I have worked with and helped integrate patient records from a completely paper system to a seamless paperless system, that not only improves efficiency, resource utilization, quality of care and patient satisfaction, but also captures information in a standardized systematic electronic template that can be stored and used for audit and research.

I am familiar with the following Electronic patient information Systems:

- Vista A, Veterans Administration Hospital, Jamaica Plain, MA, USA.
- American Medical Softwares, β-test centre, St. Louis, MI, USA
- Epicare, Cleveland Clinic, Ohio, USA.
- Cellma, Riomed.org, Hampshire, UK.

### **Current Research Projects:**

1. Langan M, Armstrong C, Heaney F, Carey JJ. The SPOOF (Secondary Prevention Of Osteoporotic Fractures) and HOOOF (Hospital Outcomes following Osteoporotic Fracture) Projects. Working with Fracture liaison service to promote evaluation and treatment of osteoporosis among persons aged 50 years and older presenting to the orthopaedic fracture clinics.
2. Carey JJ et al. Establishment of a West of Ireland DXA database – in progress.
3. Novel predictors of cardiovascular disease in Rheumatoid Arthritis –ATACCRA consortium
4. Tocilizumab in Giant Cell Arteritis and undifferentiated inflammatory disorders
5. Epidemiology, outcomes and economic consequences of Arthritis in Ireland (in progress; lead/PI: Prof. Brian McGuire, Dept. of Psychology, N.U.I.G., Galway)
6. Observational study of arthritis patients switched to biosimilar medications.
7. Diabetic Bone Disease: Of mice and men Prof T. O'Brien, Dr. Cynthia Coleman, Prof. John J. Carey, Prof. Laoise McNamara, Mr. John McCabe, Mr. Stephen Kearns, Dr. Miriam F. Delaney, Mr. Colin Murphy.

**Publications:****Original Research (Pubmed Citations: >100)**

1. **Carey J**, Spence L, Blickman H, Eustace S. *MRI of pediatric growth plate injury: correlation with plain film radiographs and clinical outcome.* Skeletal Radiol. 1998 May;27(5): 250-5.
2. Eustace S, Tello R, DeCarvalho V, **Carey J**. *Whole body turbo STIR MRI in unknown primary tumor detection.* J Magn Reson Imaging. 1998 May-Jun; 8(3): 751-3.
3. Eustace S, Tello R, DeCarvalho V, **Carey J**. *A comparison of whole-body turboSTIR MR imaging and planar 99mTc-methylene diphosphonate scintigraphy in the examination of patients with suspected skeletal metastases.* AJR Am J Roentgenol. 1997 Dec;169(6): 1655-61.
4. Wadhvani A, **Carey J**, Propeck T. *Isolated scaphotrapezoid osteoarthritis: a possible radiographic marker of chronic scapholunate ligament disruption.* Clin Radiol. 1998 May; 53(5): 376-8.
5. Adams JG, McAlindon T, Dimasi M, **Carey J**, Eustace S. *Contribution of meniscal extrusion and cartilage loss to joint space narrowing in osteoarthritis.* Clin Radiol. 1999 Aug; 54(8):502-6.
6. Sikon AL, Thacker HL, **Carey JJ**, Deal CL, Licata AA. *Secondary Osteoporosis: Are We Recognizing It?* J Women's Health. 2006 Dec; 15(10): 1174-83.
7. **Carey JJ**, Delaney, MF, Love TE, Richmond BJ, Cromer BA, Miller PD, Manilla-McIntosh M, Lewis SA, Thomas CL, Licata AA. *DXA-generated Z-scores and T-scores may differ substantially and significantly in Young Adults.* J Clin Densitom. 2007;10(4):351-8.
8. Villa-Forte A, Clark TM, Gomes M, **Carey J**, Mascha E, Karafa MT, Arrigain S, Roberson G, Langford CA, Hoffman GS. *Substitution of methotrexate for cyclophosphamide in Wegener granulomatosis: a 12 year single-practice experience.* Medicine (Baltimore) 2007; 86(5):269-77.
9. **Carey JJ**, Delaney MF, Love TE, Richmond BJ, Cromer BA, Miller PD, Manilla-McIntosh M, Lewis SA, Thomas CL, Licata AA. *Dual-Energy X-Ray Absorptiometry Diagnostic Discordance Between Z-Scores and T-Scores in Young Adults.* J Clin Densitom. 2009; 12(1):11-16.
10. McGonagle D, Tan AL, **Carey J**, Benjamin M. *The Anatomical Basis for a novel classification of osteoarthritis and allied disorders.* J Anat. 2010;216(3):279-91.
11. Palomo L, Buencamino-Francisco MC, **Carey JJ**, Sivanandy M, Thacker H. *Is Long-term bisphosphonate therapy associated with benefits to the periodontium in postmenopausal women?* Menopause. 2011;18(2):164-70.
12. Dinizulu T, Griffin D, **Carey J**, Mulkerrin E. *Vitamin D supplementation versus combined calcium and vitamin D in older female patients – An observational study.* J Nutr Health Aging. 2011; 15(8):605-8.
13. Mohammad A, **Carey JJ**, Storan E, Scarry M, Coughlan RJ, Lee JM. *Prevalence of fibromyalgia among patients with chronic hepatitis C infection: relationship to viral characteristics and quality of life.* J Clin Gastroenterol 2012; 46(5):407-12.



14. Conway R, Bergin D, **Carey JJ**, Coughlan RJ. *Tibial insufficiency fractures in rheumatoid arthritis: a new clinical sign.* J Rheumatol. 2012; 39(9):1893-4.
15. Conway R, Coughlan RJ, **Carey JJ**. *Adherence to uric acid treatment guidelines in a rheumatology clinic.* Clin Rheumatol. 2012; 31(12):1707-11.
16. Mohammad A, **Carey JJ** Storan E, Scarry M, Coughlan RJ, Lee JM. *High Prevalence of Fibromyalgia in Patients with HFE related Hereditary Hemochromatosis 2012.* J Clin Gastroenterol. 2013; 47(6):559-64.
17. Mohammad A, Lohan D, Bergin D, Mooney S, Newell J, O'Donnell M, Coughlan RJ, **Carey JJ**. *The Prevalence of Aortic Calcification on Vertebral Fracture Assessment (VFA) Imaging among Patients with Rheumatoid Arthritis.* J Clin Densitom. 2014 Jan-Mar;17(1):72-7.
18. A Mohammad, D Lohan, D Bergin, S Mooney, J Newell, M O' Donnell, RJ Coughlan, and **JJ Carey**. *The Prevalence of Vertebral Fractures on Vertebral Fracture Assessment (VFA) Imaging in a Large Cohort of Patients with Rheumatoid Arthritis.* Rheumatology (Oxford). 2014 May;53(5):821-7.
19. A Mohammad, D Lohan, D Bergin, S Mooney, J Newell, M O' Donnell, RJ Coughlan, and **JJ Carey**. *Vertebral Fracture Assessment-detected Abdominal Aortic Calcification Enhances Cardiovascular Disease Risk Stratification of Rheumatoid Arthritis Patients.* Semin Arthritis Rheum. 2014 Apr;43(5):632-7.
20. A Mohammad, S Mooney, RJ Coughlan, and **JJ Carey**. *Appropriateness of Referrals to a Tertiary Referral Centre for Bone Mineral Density Testing.* Irish Journal of Medical Science DOI: 10.1007/s11845-013-1044-5.
21. Conway R, Low C, Coughlan RJ, O'Donnell MJ, **Carey JJ**. *Methotrexate and lung disease in rheumatoid arthritis: a meta-analysis of randomized controlled trials.* Arthritis Rheumatol. 2014 Apr;66(4):803-12.
22. Conway R, Low C, Coughlan RJ, O'Donnell MJ, **Carey JJ**. *Expanding Access to Rheumatology Care; The Rheumatology General Practice Toolbox.* Ir Med J. 2015 Feb;108(2):48-50.
23. Reid C, Conway R, O'Neill L, Usman A, Coughlan RJ, **Carey JJ**. *Rheumatologists Need Better Education on Clinical Features and Management of Psoriasis: Results of a Survey of Clinical Rheumatologists.* Revista Latinoamericana de Psoriasis y Artritis Psoriásica 2014;11:7-14.
24. Conway R, Low C, Coughlan RJ, O'Donnell MJ, **Carey JJ**. *Methotrexate use and risk of lung disease in psoriasis, psoriatic arthritis, and inflammatory bowel disease: systematic literature review and meta-analysis of randomised controlled trials.* BMJ. 2015 Mar 13;350:h1269. doi: 10.1136/bmj.h1269.
25. Conway R, Low C, Coughlan RJ, O'Donnell MJ, **Carey JJ**. *Risk of liver injury among methotrexate users: A meta-analysis of randomised controlled trials.* Semin Arthritis Rheum. 2015 Oct;45(2):156-62.
26. Conway R, Low C, Coughlan RJ, O'Donnell MJ, **Carey JJ**. *Leflunomide Use and Risk of Lung Disease in Rheumatoid Arthritis: A Systematic Literature Review and Meta-Analysis of Randomised Controlled Trials.* J Rheumatol. 2016 Mar 15. pii: jrheum.150674. [Epub ahead of print]
27. Lewiecki EM, Binkley N, Morgan SL, Shuhart CR, Camargos BM, **Carey JJ**, Gordon CM, Jankowski LG, Lee JK, Leslie WD; International Society for Clinical Densitometry. *Best Practices for Dual-Energy X-ray Absorptiometry*

- Measurement and Reporting: International Society for Clinical Densitometry Guidance.* J Clin Densitom. 2016 Apr;19(2):127-40. doi: 10.1016/j.jocd.2016.03.003. Epub 2016 Mar 22.
28. Fox L, Walsh JC, Morrison TG, O' Gorman D, Ruane N, Mitchell C, **Carey JJ**, Coughlan R, McGuire BE. Cognitive Coping Style and the Effectiveness of Distraction or Sensation-Focused Instructions in Chronic Pain Patients. PLoS One. 2016 Apr 12;11(4):e0142285. doi: 10.1371/journal.pone.0142285. eCollection 2016.
  29. McNicholas BA, Griffin TP, Donnellan S, Ryan L, Garrahy A, Coughlan R, Giblin L, Lappin D, Reddan D, **Carey JJ**, Griffin MD. ANCA-associated vasculitis: a comparison of cases presenting nephrology and rheumatology services. QJM. 2016 Dec;109(12):803-809.
  30. Conway R, **Carey JJ**. Methotrexate and lung disease in rheumatoid arthritis. Panminerva Med. 2017; 59(1):33-46.
  31. Abdalla A, Byrne NE, Conway R, Walsh T, Mannion G, Hanly M, O'Sullivan M, Curran AM, **Carey JJ**. Long-term safety and efficacy of Biosimilar Infliximab among patients with inflammatory arthritis switched from reference product. Open Access Rheumatology 2017.
  32. **Carey JJ**, Delaney MF. Utility of DXA for monitoring, technical aspects of DXA BMD measurement and precision testing. Bone 2017 Pubmed ID: 28554549.

#### ***Under Review / In Press:***

Conway R, **Carey JJ**. Risk of Liver Disease in Methotrexate Treated Patients. World J. Gastroenterol. 2017.

#### **Case Reports:**

1. Conway R, Bergin D, Coughlan RJ, **Carey JJ**. Renal infarction due to spontaneous renal artery dissection in Ehlers-Danlos Syndrome type IV. J Rheumatol. 2012; 39(1):199-200.
2. Conway R, **Carey JJ**, Coughlan RJ. A case of occupational gout. Ir Med J. 2011; 104(10):316-7.
3. Conway R, Bergin D, **Carey JJ**, Coughlan RJ. A case of Behcet's Syndrome presenting as focal myositis. Rheumatology (Oxford). 2012; 51(6):975.
4. English C, Coughlan R, **Carey J**, Bergin D. Plantar and palmar fibromatosis: characteristic imaging features and role of MRI in clinical management. Rheumatology (Oxford). 2012; 51(6):1134-6.

#### **Other Peer-reviewed Articles:**

Member RAVE ITN Research Group (See "Carey JJ" in pubmed):

Efficacy of remission-induction regimens for ANCA-associated vasculitis. N Engl J Med 2013; 369(5): 417-27.

Rituximab versus cyclophosphamide for ANCA-associated vasculitis. N Engl J Med 2010; 363 (3): 221-32.

1. **Carey John J.** *What is a “failure” of bisphosphonate therapy for osteoporosis?* Cleveland Clinic Journal of Medicine 2005; 72:1033-9.
2. **Carey John J**, Licata AA, Delaney MF. *Biochemical Markers of Bone Turnover.* Clinical Reviews in Bone and Mineral Metabolism, 2006; 4(3): 197-211.
3. **Carey John J**, Palomo LB. *Bisphosphonates and Osteonecrosis of the Jaw: Innocent Association or Significant Risk?* Cleve Clin J Med Dec 2008; 75(12):871-9.
4. Sheehy C, Another, M. Barry M, **Carey JJ.** *Treating Osteoporosis: Do bisphosphonates really increase the risk of osteonecrosis of the Jaw?* Ir Med J. June 2008; 101(6):166-7.
5. **Carey John J.** Delaney Miriam.F. *T-scores and Z-scores.* Clinical Reviews in Bone and Mineral Metabolism: 2010; 8(3): 113-121.
6. **Carey John J.** *Fracture Risk Models in Clinical Practice.* May 1<sup>st</sup> 2009. Available at: <http://www.iscd.org/visitors/resources/fractureriskmodels.cfm>.
7. Aamir MU, **Carey John J.** *Scleroderma.* Modern Medicine 2010; 40(3): 23-32.
8. Aamir MU, Mannion G, **Carey John J.** *Raynaud’s Phenomenon.* Modern Medicine 2010; 40(4): 42-4.

#### **Book Chapters:**

1. **Carey J.** Wilke W. *Osteoarthritis.* Cleveland Clinic Disease Management Project. Available at: <http://www.clevelandclinicmeded.com/medicalpubs/diseasemanagement/rheumatology/osteoarthritis/>
2. **Carey JJ**, Delaney MF, Thacker HL. *Osteoporosis.* Chapter 22 in Clinical Reproductive Medicine and Surgery. Falcone and Hurd, Elsevier Publications.
3. Abelson A, **Carey J**, Deal C. *Management of Osteoporosis.* Chapter 190 in Rheumatology 4e. Hochberg, Silman, Smolen, Weinblatt & Weisman. Elsevier Publications.
4. **Carey J.** Afridi K, Carey B, Mulkerrin EC. *Bone and Joint Disorders.* In Medicine in Old Age: A Clinical Approach. Advanced Medical Publications, London UK, 2009.

#### **Letters:**

1. **Carey JJ**, Delaney MF. *FDA approved Bisphosphonates.* JBJS, American Ed. August 2005.
2. Delaney MF, **Carey JJ.** *Hypercalcaemia.* Cleveland Clinic J Medicine 2005; 72:1075.
3. Thompson E, Sheehy C, Barry M, **Carey J.** *Treating Osteoporosis Letter to the editor. Author’s Response.* Irish Medical Journal March 2009; 102(3):89.
4. Conway R, **Carey JJ.** *Comment on: Efficacy and safety of various repeat treatment dosing regimens of rituximab in patients with active rheumatoid arthritis: results of a Phase III randomized study (MIRROR).* Rheumatology (Oxford). 2011; 50(3):631-2.
5. **Carey JJ**, Coughlan RJ, OSullivan M. *When Should a Rheumatologist Suspect a*

- Mitochondrial Myopathy, Comment on: the article by Albert et al. Arthritis Care Res* 2012 Jan 11. doi10.1002/acr.21605.
6. Conway R, Coughlan RJ, Low C, O'Donnell MJ, **Carey JJ**. *Reply to Comment on Meta-analysis of methotrexate and lung disease in rheumatoid arthritis. Arthritis Rheumatol.* 2014 Sep;66(9):2642. doi: 10.1002/art.38732.
  7. Conway R, Low C, Coughlan RJ, O'Donnell MJ, **Carey JJ**. *Reply to: methotrexate and not much harm to the lungs by H. Yazici. Clin Exp Rheumatol.* 2014 Nov-Dec;32(6 Suppl 87):S-11. Epub 2014 Sep 10.

#### **Other Publications:**

1. Bone Disease in Wegener's Granulomatosis. Vasculitis Foundation Newsletter. March 2006.
2. Treatment of Bone Loss. Cleveland Clinic Foundation 'Arthritis Adviser. May 2006.
3. **Carey John J**. Thesis for Master's Degree in Science, Clinical Research and Scholar's Programme, Case Western Reserve University, May 2006.  
Full copy on file at the University Library.
4. McCausland Joanna. Advisor and Mentor for Ms. McCausland for her Master's thesis, copy on file at National University of Ireland, Cork.
5. Carey JJ. Hospital Medicine (Ireland). *Best Rheumatology Abstracts 2010*.

#### Hospital Guidelines:

1. McCausland J. Carey John J. Galway University Hospital: Guidelines for the management of glucocorticoid-induced osteoporosis, Galway, Ireland.
2. McCausland J. Carey John J. Galway University Hospital Protocol for the administration of Aclasta to osteoporosis patients, Galway, Ireland.
3. Carey John J. 2009 Hospital Guidelines for DXA service, Galway University Hospitals, Ireland.
4. Carey John J, Mooney S, Coughlan RJ, Bergin D, Lohan D. 2010 Hospital Guidelines for DXA service, Galway University Hospitals, Ireland.

#### Revised/Up-dated Following Web pages:

- Osteoarthritis. Cleveland Clinic Website 2005:  
<http://www.clevelandclinic.org/arthritis/treat/facts/osteoarthritis.htm>
- Treatment of Osteoarthritis. Cleveland Clinic Website 2005:  
<http://www.clevelandclinic.org/arthritis/treat/facts/osteoarthritis%20treatment.htm>
- Patient information page on bone density testing May 2006.  
<http://www.iscd.org/Visitors/patient/index.cfm>
- Useful links and resources page for ISCCD website.  
<http://www.iscd.org/visitors/resources/index.cfm>
- Clarified changes and missing information to reflect current ISCD positions 2007.  
<http://www.iscd.org/visitors/resources/IntroBoneDens.ppt?fromResources=7>

**Other interests/Awards:**

Numerous sporting accolades including:

1. Representing Irish Universities in Rugby Football 1992.
2. Captain St. Vincent's Hospital Rugby Club, 1993.
3. County Tipperary Gaelic Football Championship Titles , 1983, 1985, 1987, 1990, 1992, with Moyle Rovers G.A.A. club.
4. Music: Irish Flute

**Referees:**

1. Dr. Diane Bergin,  
Consultant Radiologist,  
Galway University Hospitals, WNW Hospital Group  
Galway, Ireland  
Phone: 091- 542626; Email: [diane.bergin@hse.ie](mailto:diane.bergin@hse.ie)
2. Prof. Dennis McGonagle,  
Professor of Regenerative Medicine,  
Section of Musculoskeletal Disease,  
Chapel Allerton Hospital,  
Chapeltown Road,  
Leeds, LS7 4SA, UK  
[D.G.McGonagle@leeds.ac.uk](mailto:D.G.McGonagle@leeds.ac.uk)
3. Professor Martin O'Donnell,  
Consultant Physician in Geriatric Medicine,  
Head of Clinical Research Facility, NUIG, Galway  
E-mail: [martin.odonnell@nuigalway.ie](mailto:martin.odonnell@nuigalway.ie)