

Dr. Colm G. Hanratty MB BCh MRCP MD

Director of Cath Lab, Mater Private Network

Top Publications

1. Intravascular lithotripsy for treatment of calcific coronary lesions in ST elevation myocardial infarction. Cosgrove C, **Hanratty CG**, Hill JM, Mahadevan K, Mailey J, McEntegart M, O'Kane P, Sidik N, Strange JW, Walsh SJ, Wilson S, Yeoh J, Spratt JC. *Catheter Cardiovasc Interv*. 2021 May 29. doi: 10.1002/ccd.29801. Online ahead of print. PMID: 34051045
2. Durable or Biodegradable Polymer Stent Coatings: Same or Different? Byrne RA, **Hanratty CG**. *Circulation*. 2021 Mar 16;143(11):1092-1094. doi:10.1161/CIRCULATIONAHA.121.052485. Epub 2021 Mar 15.
3. Definitions and Clinical Trial Design Principles for Coronary Artery Chronic Total Occlusion Therapies: CTO-ARC Consensus Recommendations. Ybarra LF, Rinfret S, Brilakis ES, Karpaliotis D, Azzalini L, Grantham JA, Kandzari DE, Mashayekhi K, Spratt JC, Wijeyesundera HC, Ali ZA, Buller CE, Carlino M, Cohen DJ, Cutlip DE, De Martini T, Di Mario C, Farb A, Finn AV, Galassi AR, Gibson CM, **Hanratty C**, Hill JM, Jaffer FA, Krucoff MW, Lombardi WL, Maehara A, Magee PFA, Mehran R, Moses JW, Nicholson WJ, Onuma Y, Sianos G, Sumitsuji S, Tsuchikane E, Virmani R, Walsh SJ, Werner GS, Yamane M, Stone GW, Rinfret S, Stone GW; Chronic Total Occlusion Academic Research Consortium. *Circulation*. 2021 Feb 2;143(5):479-500. doi: 10.1161/CIRCULATIONAHA.120.046754. Epub 2021 Feb 1. PMID: 33523728
4. Occupational radiation exposure in interventional cardiology - time for further action. Byrne RA, **Hanratty CG**, Gilligan P. *EuroIntervention*. 2020 Oct 23;16(8):613-616. doi: 10.4244/EIJV16I8A113. PMID: 33095162 Free article. No abstract available.
5. Intravascular Healing Is Not Affected by Approaches in Contemporary CTO PCI: The CONSISTENT CTO Study. Walsh SJ, **Hanratty CG**, McEntegart M, Strange JW, Rigger J, Henriksen PA, Smith EJ, Wilson SJ, Hill JM, Mehmedbegovic Z, Chevalier B, Morice MC, Spratt JC. *JACC Cardiovasc Interv*. 2020 Jun 22;13(12):1448-1457. doi: 10.1016/j.jcin.2020.03.032. PMID: 32553333
6. Intravascular lithotripsy for lesion preparation in patients with calcific distal left main disease. Cosgrove CS, Wilson SJ, Bogle R, **Hanratty CG**, Williams R, Walsh SJ, McEntegart M, Spratt JC. *EuroIntervention*. 2020 May 20;16(1):76-79. doi: 10.4244/EIJ-D-19-01052. PMID: 32224480 Free article. No abstract available.
7. Intravascular ultrasound to guide left main stem intervention: a NOBLE trial substudy. Ladwiniec A, Walsh SJ, Holm NR, **Hanratty CG**, Mäkikallio T, Kellerth T, Hildick-Smith D, Mogensen LJH, Hartikainen J, Menown IBA, Erglis A, Eriksen E, Spence MS, Thuesen L, Christiansen EH. *EuroIntervention*. 2020 Jun 25;16(3):201-209. doi: 10.4244/EIJ-D-19-01003.
8. Complex high-risk and indicated percutaneous coronary intervention for stable angina: Does operator volume influence patient outcome? Kinnaird T, Gallagher S, Spratt JC, Ludman P,

- de Belder M, Copt S, Anderson R, Walsh S, **Hanratty C**, Curzen N, Banning A, Mamas M. *Am Heart J*. 2020 Jan 7;222:15-25. doi: 10.1016/j.ahj.2019.12.019. [Epub ahead of print].
9. Management of stent underexpansion using intravascular lithotripsy-Defining the utility of a novel device. Yeoh J, Cottens D, Cosgrove C, Mallek K, Strange J, Anderson R, Wilson S, **Hanratty C**, Walsh S, McEntegart M, Hill J, Spratt JC. *Catheter Cardiovasc Interv*. 2020 Jan 8. doi: 10.1002/ccd.28715. [Epub ahead of print]
 10. Percutaneous coronary angioplasty versus coronary artery bypass grafting in the treatment of unprotected left main stenosis: updated 5-year outcomes from the randomised, non-inferiority NOBLE trial. Holm NR, Mäkikallio T, Lindsay MM, Spence MS, Erglis A, Menown IBA, Trovik T, Kellerth T, Kalinauskas G, Mogensen LJH, Nielsen PH, Niemelä M, Lassen JF, Oldroyd K, Berg G, Stradins P, Walsh SJ, Graham ANJ, Endresen PC, Fröbert O, Trivedi U, Anttila V, Hildick-Smith D, Thuesen L, Christiansen EH; NOBLE investigators. *Lancet*. 2020 Jan 18;395(10219):191-199. doi: 10.1016/S0140-6736(19)32972-1. Epub 2019 Dec 23.
 11. Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. Brilakis ES, Mashayekhi K, Tsuchikane E, Abi Rafeh N, Alaswad K, Araya M, Avran A, Azzalini L, Babunashvili AM, Bayani B, Bhindi R, Boudou N, Boukhris M, Božinović NŽ, Bryniarski L, Bufe A, Buller CE, Burke MN, Büttner HJ, Cardoso P, Carlino M, Christiansen EH, Colombo A, Croce K, Damas de Los Santos F, De Martini T, Dens J, Di Mario C, Dou K, Eged M, ElGuindy AM, Escaned J, Furkalo S, Gagnor A, Galassi AR, Garbo R, Ge J, Goel PK, Goktekin O, Grancini L, Grantham JA, **Hanratty C**, Harb S, Harding SA, Henriques JPS, Hill JM, Jaffer FA, Jang Y, Jussila R, Kalnins A, Kalyanasundaram A, Kandzari DE, Kao HL, Karpaliotis D, Kassem HH, Knaapen P, Kornowski R, Krestyaninov O, Kumar AVG, Laanmets P, Lamelas P, Lee SW, Lefevre T, Li Y, Lim ST, Lo S, Lombardi W, McEntegart M, Munawar M, Navarro Lecaro JA, Ngo HM, Nicholson W, Olivecrona GK, Padilla L, Postu M, Quadros A, Quesada FH, Prakasa Rao VS, Reifart N, Saghatelian M, Santiago R, Sianos G, Smith E, C Spratt J, Stone GW, Strange JW, Tammam K, Ungi I, Vo M, Vu VH, Walsh S, Werner GS, Wollmuth JR, Wu EB, Wyman RM, Xu B, Yamane M, Ybarra LF, Yeh RW, Zhang Q, Rinfret S. *Circulation*. 2019 Jul 30;140(5):420-433. doi: 10.1161/CIRCULATIONAHA.119.039797. Epub 2019 Jul 29.
 12. Coronary intravascular lithotripsy is associated with a high incidence of "shocktopics" and asynchronous cardiac pacing. Wilson SJ, Spratt JC, Hill J, Spence MS, Cosgrove C, Jones J, Strange JW, Halperin H, Walsh SJ, **Hanratty CG**. *EuroIntervention*. 2019 May 21. pii: EIJ-D-19-00484. doi: 10.4244/EIJ-D-19-00484. [Epub ahead of print]
 13. Saphenous Vein Graft Sacrifice Following Native Vessel PCI is Safe and Associated with Favourable Longer-Term Outcomes. Wilson SJ, **Hanratty CG**, Spence MS, Owens CG, Rigger J, Spratt JC, Walsh SJ. *Cardiovasc Revasc Med*. 2019 Dec;20(12):1048-1052. doi: 10.1016/j.carrev.2019.01.025. Epub 2019 Jan 24.
 14. Algorithmic solutions to common problems encountered during chronic total occlusion angioplasty: The algorithms within the algorithm. Riley RF, Walsh SJ, Kirtane AJ, Michael Wyman R, Nicholson WJ, Azzalini L, Spratt JC, Kalra S, **Hanratty CG**, Pershad A, DeMartini T, Karpaliotis D, Lombardi WL, Aaron Grantham J. *Catheter Cardiovasc Interv*. 2019 Feb 1;93(2):286-297. doi: 10.1002/ccd.27987. Epub 2018 Nov 23. Review.
 15. Recovery of myocardial perfusion after percutaneous coronary intervention of chronic total occlusions is comparable to hemodynamically significant non-occlusive lesions. Schumacher SP, Driessen RS, Stuijzand WJ, Raijmakers PG, Danad I, Dens J, Spratt JC, **Hanratty CG**, Walsh

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16. Culotte stenting for coronary bifurcation lesions with 2nd and 3rd generation everolimus-eluting stents: the CELTIC Bifurcation Study. Walsh SJ, **Hanratty CG**, Watkins S, Oldroyd KG, Mulvihill NT, Hensey M, Chase A, Smith D, Cruden N, Spratt JC, Mylotte D, Johnson T, Hill J, Hussein HM, Bogaerts K, Morice MC, Foley DP
 17. A retrospective study of radiation dose measurements comparing different cath lab X-ray systems in a sample population of patients undergoing percutaneous coronary intervention for chronic total occlusions. McNeice AH, Brooks M, **Hanratty CG**, Stevenson M, Spratt JC, Walsh SJ. Catheter Cardiovasc Interv. 2018 Feb 7. doi: 10.1002/ccd.27541. [Epub ahead of print]
 18. One-Year Clinical Outcomes of the Hybrid CTO Revascularization Strategy After Hospital Discharge: A Subanalysis of the Multicenter RECHARGE Registry. Maeremans J, Avran A, Walsh S, Knaapen P, **Hanratty CG**, Faurie B, Agostoni P, Bressollette E, Kayaert P, Smith D, Chase A, McEntegart MB, Smith WHT, Harcombe A, Irving J, Ladwiniec A, Spratt JC, Dens J; RECHARGE Investigators. J Invasive Cardiol. 2018 Feb;30(2):62-70. Epub 2017 Nov 15.
 19. Clinical outcomes of state-of-the-art percutaneous coronary revascularization in patients with de novo three vessel disease: 1-year results of the SYNTAX II study. Escaned J, Collet C, Ryan N, De Maria GL, Walsh S, Sabate M, Davies J, Lesiak M, Moreno R, Cruz-Gonzalez I, Hoole SP, Ej West N, Piek JJ, Zaman A, Fath-Ordoubadi F, Stables RH, Appleby C, van Mieghem N, van Geuns RJ, Uren N, Zueco J, Buszman P, Iñiguez A, Goicolea J, Hildick-Smith D, Ochala A, Dudek D, **Hanratty C**, Cavalcante R, Kappetein AP, Taggart DP, van Es GA, Morel MA, de Vries T, Onuma Y, Farooq V, Serruys PW, Banning AP. Eur Heart J. 2017 Nov 7;38(42):3124-3134. doi: 10.1093/eurheartj/ehx512.
 20. Antegrade Dissection and Reentry as Part of the Hybrid Chronic Total Occlusion Revascularization Strategy: A Subanalysis of the RECHARGE Registry (Registry of CrossBoss and Hybrid Procedures in France, the Netherlands, Belgium and United Kingdom). Maeremans J, Dens J, Spratt JC, Bagnall AJ, Stuijzand W, Nap A, Agostoni P, Wilson W, **Hanratty CG**, Wilson S, Faurie B, Avran A, Bressollette E, Egred M, Knaapen P, Walsh S; RECHARGE Investigators. Circ Cardiovasc Interv. 2017 Jun;10(6). pii: e004791. doi: 10.1161/CIRCINTERVENTIONS.116.004791.
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 22. One-year outcomes after successful chronic total occlusion percutaneous coronary intervention: The impact of dissection re-entry techniques. Wilson WM, Walsh SJ, Bagnall A, Yan AT, **Hanratty CG**, Egred M, Smith E, Oldroyd KG, McEntegart M, Irving J, Douglas H, Strange J, Spratt JC. Catheter Cardiovasc Interv. 2017 Nov 1;90(5):703-712. doi: 10.1002/ccd.26980. Epub 2017 Mar 15.

23. A Novel Utility of Facilitated Antegrade Dissection Re-Entry Technique to Recanalize Chronic Total Occlusions. Joshi NV, Spratt JC, Wilson S, Walsh SJ, **Hanratty CG**. JACC Cardiovasc Interv. 2017 Mar 13;10(5):e51-e54. doi: 10.1016/j.jcin.2016.12.026. Epub 2017 Feb 15.
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 25. Percutaneous coronary angioplasty versus coronary artery bypass grafting in treatment of unprotected left main stenosis (NOBLE): a prospective, randomised, open-label, non-inferiority trial. Mäkikallio T, Holm NR, Lindsay M, Spence MS, Erglis A, Menown IB, Trovik T, Eskola M, Romppanen H, Kellerth T, Ravkilde J, Jensen LO, Kalinauskas G, Linder RB, Pentikainen M, Hervold A, Banning A, Zaman A, Cotton J, Eriksen E, Margus S, Sørensen HT, Nielsen PH, Niemelä M, Kervinen K, Lassen JF, Maeng M, Oldroyd K, Berg G, Walsh SJ, **Hanratty CG**, Kumsars I, Stradins P, Steigen TK, Fröbert O, Graham AN, Endresen PC, Corbascio M, Kajander O, Trivedi U, Hartikainen J, Anttila V, Hildick-Smith D, Thuesen L, Christiansen EH; NOBLE study investigators. Lancet. 2016 Dec 3;388(10061):2743-2752. doi: 10.1016/S0140-6736(16)32052-9. Epub 2016 Oct 31. Erratum in: Lancet. 2016 Dec 3;388(10061):2742.
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 29. Percutaneous coronary intervention for chronic total occlusions: time to move from the annex to mainstream? Walsh SJ, **Hanratty CG**. EuroIntervention. 2016 Jan 22;11(9):974-6. doi: 10.4244/EIJV11I9A200.
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