1. **Co-author**. Thomas L, Baczynski M, Deshpande P, Kharrat A, Joyes S, Zhu F, Ibarra-Rios D, Shah PS, Mertens L, Jankov RP, Yee P, Neary E, Ting J, Castaldo P, Levy PT, Smith A, El-Khuffash A, Giesinger RE, **McNamara PJ**, Weisz DE, Jain A. A multicentre prospective observational study of predictive value of functional echocardiography indices for early identification of preterm neonates at risk for development of chronic pulmonary hypertension. BMJ Open. 2021 Mar 31;11(3):e044924. doi: 10.1136/bmjopen-2020-044924.
2. **Senior Responsible Author**. Jasani B, Martins F, Weisz De, Jain A, Giesinger R, Joye S, McNamara PJ. Effect of Patent Ductus Arteriosus on Doppler Flow Patterns of Pulmonary Veins in Preterm Infants. Pediatr Res. 2021 Mar 17. doi: 10.1038/s41390-021-01447-0. Online ahead of print.
3. **Co-author**. Bischoff AR, **McNamara PJ**, Giesinger RE. Milrinone use during Therapeutic Hypothermia for Hypoxic-Ischemic Encephalopathy is associated with adverse outcome among neonates with comorbid Pulmonary Hypertension. J Perinatol [Accepted]
4. **Co-author**. Rysavy MA, Mehler K, Oberthür A, Ågren J, Kusuda S, **McNamara PJ**, Kribs A, Normann E, Carlson S, Klein J, Backes CH, Bell EF.An Immature Science: Providing Intensive Care for Infants Born at ≤23 Weeks’ Gestation. J Pediatr. 2021 Mar 7:S0022-3476(21)00218-3. doi: 10.1016/j.jpeds.2021.03.006. Online ahead of print.
5. **Co-author.** Bussmann N, SmithA, BreatnachCR, McCallionN, ClearyB,FranklinO, McNamaraPJ, EL- Khuffash A.Patent Ductus Arteriosus Shunt Elimination Results in a Reduction in Adverse Outcomes: A Post Hoc Analysis of the PDA RCT Cohort. J Perinatol. 2021 Mar 8. doi: 10.1038/s41372-021-01002-z. Online ahead of print.
6. **Senior Responsible Author**. Bischoff AR, Giesinger RE, Neary E, Weisz DE, Belik J, **McNamara PJ**.Clinical and Echocardiography Predictors of Response to Inhaled Nitric Oxide in Hypoxemic Term and Near-Term Neonates. Pediatr Pulmonol. 2021 Jan 12. doi: 10.1002/ppul.25252. Online ahead of print.
7. **Senior Responsible Author**. El Khuffash A, Rios DR, **McNamara PJ.** Toward a Rational Approach to Patent Ductus Arteriosus Trials: Selecting the Population of Interest. J Pediatr. 2021 Jan 10:S0022-3476(21)00016-0. doi: 10.1016/j.jpeds.2021.01.012. Online ahead of print.
8. **Co-author.** Joye S, McNamara PJ, Giesinger RE, Tolsa JF, Sekarski N. Association of Hemboglin and Spontaneous Closure of the Ductus Arteriosus during Transition, in Very Low Birth Weight Infants. J Neonatal Perinatal Med. 2021 Jan 27. doi: 10.3233/NPM-200518. Online ahead of print.
9. **Senior Responsible Author**. El Khuffash A, Bussmann N, Breatnach C, Smith A, Tully E, Griffin J, McCallion N, Corcoran JD, Fernandez E, Looi C, Cleary B, Franklin O, **McNamara PJ.** Early Targeted Patent Ductus Arteriosus Treatment Using a Risk Based Severity Score: study protocol for a randomized controlled trial (PDA RCT). HRB open access 2020 Nov 25: doi.org/10.12688/hrbopenres.13140.1. Online ahead of print.
10. **Co-Author**. Baczynski M, Kelly E, **McNamara PJ**, Shah PS, Jain A. Outcomes Following Conservative Management of Chronic Pulmonary Hypertension in Preterm Infants. Pediatr Pulmonol. 2020 Dec 3. doi: 10.1002/ppul.25200. Online ahead of print.

### Co-author. Bhattacharya S, McNamara PJ, Giesinger RE. Cardiovascular derangement in Neonatal Herpes Infection. Pediatr Infect Dis J. 2021 Jan 19. doi: 10.1097/INF.0000000000003071. Online ahead of print.

1. **Senior Responsible Author.** Rios DR, de Freitas Martins FF, El-Khuffash AE, Jain A, Weisz DE, Giesinger RE, **McNamara PJ**. Early Role of the Atrial Level Shunt in Premature Infants with Hemodynamically Significant Patent Ductus Arteriosus. J Am Soc Echocardiogr. 2020 Nov 20:S0894-7317(20)30733-1. doi: 10.1016/j.echo.2020.11.008. Online ahead of print.
2. **Co-Author**. Bussmann N, Franklin O, McCallion N, **McNamara PJ**, El Khuffash A. The Impact Preload on Left Ventricular Three-Plane Deformation Measurements in Extremely Premature Infants. Early Hum Dev. 2020 Dec 8;153:105291. doi: 10.1016/j.earlhumdev.2020.105291. Online ahead of print
3. **Senior Responsible Author**. Giesinger RE, Boyd S, Rios DR, McNamara PJ. Towards optimization of cardiovascular stability in neonates with Hypertrophic Cardiomyopathy: uniqueness of the neonatal cardiovascular system. J Perinatol. 2021 Jan 28. doi: 10.1038/s41372-021-00926-w. Online ahead of print.
4. **Principle Author**. **McNamara PJ**, Barker P, Jain A, Lai WW. Towards use of POCUS to evaluate Hemodynamics in Critically Ill Neonates: Caution before Adoption in this Population. Crit Care. 2021 Mar 3;25(1):92. doi: 10.1186/s13054-020-03394-4.
5. **Senior Responsible Author**. El Khuffash A, Bussmann N, Breatnach C, Smith A, Tully E, Griffin J, McCallion N, Corcoran JD, Fernandez E, Looi C, Cleary B, Franklin O, **McNamara PJ,.** A Pilot Randomized Controlled Trial of Ealy Targeted Patent Ductus Arteriosus Treatment Using a Risk Based Severity Score (The PDA RCT). J Pediatr. 2021 Feb;229:127-133. doi: 10.1016/j.jpeds.2020.10.024. Epub 2020 Oct 16
6. **Co-Author.** Sehgal A, Allison BJ, Miller SL, Polglase GR, McNamara PJ, Hooper SB. Impact of Acute and Chronic Hypoxia-Ischemia on the Transitional Circulation. Pediatrics. 2021 Feb 23:e2020016972. doi: 10.1542/peds.2020-016972. Online ahead of print.
7. **Senior Responsible Author**. Rahde-Bischoff A, Jasani B, Sathanandam SK, Backes C, Weisz DE, **McNamara PJ**. Percutaneous Closure of Patent Ductus Arteriosus in Very Low Weight Infants: A Meta-Analysis. J Pediatr. 2021 Mar;230:84-92.e14. doi: 10.1016/j.jpeds.2020.10.035. Epub 2020 Oct 22
8. **Senior Responsible Author**. Rahde-Bischoff A, Giesinger RE, Rios DR, Mertens L, Ashwath R, **McNamara PJ**. Anatomic Conclordance of Neonatologist Performed Echocardiography as part of Hemodynamic Consultation and Pediatric Cardiology. J Am Soc Echocardiogr. 2021 Mar;34(3):301-307. doi: 10.1016/j.echo.2020.11.005. Epub 2020 Nov 18.
9. **Senior Responsible Author**. McNamara PJ, Lai W. Growth of Neonatal Hemodynamic Programs and Targeted Neonatal Echocardiography performed by neonatologists. J Am Soc Echocardiogr. 2020 Oct;33(10):A15-A16. doi: 10.1016/j.echo.2020.08.009.
10. **Senior Responsible Author.** Bates M, Levy PT, Nuyt AM, Lewandowski AJ, Goss KN, **McNamara PJ**. Adult Cardiovascular Health Risk and Cardiovascular Phenotypes of Prematurity. J Pediatr. 2020 Dec;227:17-30. doi: 10.1016/j.jpeds.2020.09.019. Epub 2020 Sep 12.
11. **Senior Responsible Author**. Martins FF, Bassani DG, Resende MHF, Javed H, Weisz D, Jain A, Lopes JMA, El-Khuffash A, **McNamara PJ.** Correlative Analysis of Echocardiography Markers of Hemodynamic Significance of Patent Ductus Arteriosus and Shunt Volume. J Ultrasound Med. 2020 Oct 12. doi: 10.1002/jum.15528. Online ahead of print.
12. **Co-author**. Bischoff AR, **McNamara PJ**, Giesinger RE. Targeteted Neonatal Echocardiography-Guided Therapy Pre-Embolization for Congenital Liver Vascular Malformation: Inhaled Nitric Oxide to prevent Parodoxical Embolization to the Systemic Circulation. Cardiol Young. 2021 Feb;31(2):308-311. doi: 10.1017/S104795112000373X. Epub 2020 Nov 16.
13. **Co-Author**. Suciu LM, Fagarasan A, Claudiu M, Bischoff AR, **McNamara PJ.** Category II Non-Reassuring Fetal Heart Rate and cord blood pH less than 7.15 is associated with increased risk of neonatal stabilization and respiratory support. J Pediatr Neonat Individual Med [In press]
14. **Senior Responsible Author**. Hebert A, Neary E, Bischoff AR, Weisz DE, Giesinger RE, **McNamara PJ**. Management of Chronic Pulmonary Hypertension in Neonates with Bronchopulmonary Dysplasia: Perspectives of Neonatologists with Hemodynamic Expertise vs. Pediatric Cardiologists. J Perinatol. 2020 Nov;40(11):1726-1728. doi: 10.1038/s41372-020-00791-z. Epub 2020 Aug 16.
15. **Senior Responsible Author**. Giesinger RE, Levy PT, Ruoss JL, El-Dib M, Mohammed K, Wintermark P, **McNamara PJ**. Cardiovascular Management following Hypoxic Ischemic Encephalopathy in North America: Need for Physiologic Consideration. Pediatr Res. 2020 Oct 18. doi: 10.1038/s41390-020-01205-8. Online ahead of print.
16. **Senior Responisble Author**. Riley K, Giesinger RE, Bischoff AR, McNamara PJ, Harmon H. Impact of Acute Cardiovascular Collapse on Cerebral Electrical Activity: Importance of Heart-Brain Interaction. J Pediatr Neonat Individual Med. 2020; 9(2):e090205.doi 10.7363/090205
17. **Co-author**. Baczynski M, Bell EF, Finan E, **McNamara PJ**, Jain A. Survey of practices in relation to chronic pulmonary hypertension in preterm neonates in Canadian Neonatal Network and Neonatal Research Network. Pulm Circ. 2020 Jul 16;10(3):2045894020937126. doi: 10.1177/2045894020937126. eCollection 2020 Jul-Sep
18. **Co-author**. Boyd S, Riley K, **McNamara PJ**, Giesinger RE. Use of vasopressin in neonatal Hypertropic Obstructive Cardiomyopathy: Case Series. J Perinatol. 2021 Jan;41(1):126-133. doi: 10.1038/s41372-020-00824-7. Epub 2020 Sep 19.
19. **Senior Responsible Author**. Bischoff AR, Giesinger RE, Bell EF, **McNamara PJ**. Precision Medicine in Neonatal Hemodynamics: Need for prioritization of mechanism of illness and defining population of interest. J Perinatol. 2020 Sep;40(9):1446-1449. doi: 10.1038/s41372-020-0741-y. Epub 2020 Jul 27.
20. **Co-author.** Lewandowski AJ, Levy PT, Bates M, **McNamara PJ**, Nuyt AM, MD,. Goss KN. Impact of the Vulnerable Preterm Heart and Circulation on Adult Cardiovascular Disease. Hypertension. 2020 Oct;76(4):1028-1037. doi: 10.1161/HYPERTENSIONAHA.120.15574. Epub 2020 Aug 17.
21. **Senior Responsible Author.** Elgin TG, Fricke EM, Hernandez Reyes ME, Tsimis ME, Leslein NE, Thomas B, Sato TS, McNamara PJ. The Changing Landscape of SARS-CoV-2: Implications for the Maternal-Infant Dyad. J Neonatal Perinatal Med. 2020;13(3):293-305. doi: 10.3233/NPM-200460.
22. **Co-Author**. Deshpande P, Jain A, Ibarra Ríos D, Bhattacharya S, Dirks J, Baczynski M, McNamara KP, Hahn C, **McNamara PJ**, Shah PK, Guerguerian AM. Combined Multimodal Cerebral Monitoring and Serial Hemodynamic Assessments at the Bedside in the First 72 Hours after Birth in Extremely Low Gestational Age Preterm Infants Neonatology. 2020;117(4):504-512. doi: 10.1159/000508961. Epub 2020 Aug 19.
23. **Senior Responsible Author.** Mohamed A A, Surak A, Weisz DE, **McNamara PJ,** Jain A. Vasopressin for refractory persistent pulmonary hypertension in neonates: A case series. J Matern Fetal Neonatal Med. 2020 Apr 29:1-9. doi: 10.1080/14767058.2020.1757642. Online ahead of print.
24. **Senior Responsible Author**. Deshpande P, Jain A, Keyzers M, **McNamara PJ**. Effect of phenobarbitone on amplitude integrated electro-encephalography (aEEG) in newborn infants undergoing therapeutic hypothermia for hypoxic ischemic encephalopathy. Neonatology. 2020;117(6):721-728. doi: 10.1159/000511540. Epub 2021 Jan 7
25. **Senior Responsible Author**. Bischoff AR, Bhombhal S, Fraga MV, Altman C, Punn R, Rohatgi R, Lopez L, McNamara PJ. Targeted Neonatal Echocardiography in patients with Hemodynamic Instability. Pediatrics [In press]
26. **Co-Author.** LiekeKeusters, Dany E. Weisz,Jyotsna Purna, Luc Mertens, Prakesh Shah, **McNamara PJ**, Amish Jain. Diastolic Flow Alterations in Systemic Arteries in Extremely Preterm Infants with Persistent Hemodynamically Significant Patent Ductus Arteriosus: Association with Neonatal Outcomes. J Perinatol. 2021 Jan;41(1):84-92. doi: 10.1038/s41372-020-0663-8. Epub 2020 May 11. PMID: 32393829
27. **Senior Responsible Author**. Ruoss LJ, Bazacliu C, Giesinger RE, **McNamara PJ.** Impact of PDA shunt volume on the Adequacy of Systemic Perfusion. Semin Fetal Neonatal Med. 2020 Oct;25(5):101120. doi: 10.1016/j.siny.2020.101120. Epub 2020 Jun 2
28. **Senior Responsible Author**. Mitra S, **McNamara PJ.** Patent Ductus Arteriosus: Time for a Definitive Trial. Clin Perinatol. 2020 Sep;47(3):617-639. doi: 10.1016/j.clp.2020.05.007. Epub 2020 May 15.
29. **Senior Responsible Author**. Sehgal A, Steenhort JJ, McLennan D, Merkus D, Ivy D, **McNamara PJ.** The Left Heart, Systemic Circulation and Bronchopulmonary Dysplasia: Relevance to pathophysiology and therapeutics. J Pediatr. J Pediatr. 2020 Oct;225:13-22.e2. doi: 10.1016/j.jpeds.2020.06.031. Epub 2020 Jun 14.
30. **Co- Author**. Tamir Hostovsky L, Pan J, **McNamara PJ**, Belik J. Acetaminophen Increases Pulmonary and Systemic Vasomotor Tone in the Newborn Rat. Pediatr Res. 2020 Jun;87(7):1171-1176. doi: 10.1038/s41390-019-0725-9. Epub 2019 Dec 12.
31. **Senior Responsible Author**. Levy PT, Jain A, Nawaytou H, Teitel D, Keller R, Fineman J, Steinhorn R,

Abman SH, **McNamara PJ**, for the Pediatric Pulmonary Hypertension Network (PPHNet). Risk Assessment and Monitoring of Chronic Pulmonary Hypertension in Premature Infants. J Pediatr. 2020 Feb;217:199-209.e4. doi: 10.1016/j.jpeds.2019.10.034. Epub 2019 Nov 14

1. **Senior Responsible Author.** Smith A, Rysavy M, El-Khuffash AE, **McNamara PJ** Reply to: Methodological considerations in accuracy and reliability of qualitative echocardiography assessment of right ventricular size and function in neonates. Echocardiography. 2019 Oct;36(10):1961-1962. doi: 10.1111/echo.14484. Epub 2019 Oct 14
2. **Senior Responsible Author**. Jain A, EL-Khuffash AF, van Herpen CH, Helena M, Giesinger RE, Weisz D, Mertens L, Jankov RP, **McNamara PJ**. Cardiac Function and Ventricular Interactions in Persistent Pulmonary Hypertension of the Newborn. Pediatr Crit Care Med. 2021 Feb 1;22(2):e145-e157. doi: 10.1097/PCC.0000000000002579.
3. **Senior Responsible Author.** Giesinger RE,Breathnach C, El-Shahed A, Whyte HE, El-Khuffash A, Mertens L, McNamara PJ. Impaired Right Ventricular Function in the setting of Neonatal Hypoxic Ischemic Encephalopathy Predicts Residual Brain Injury despite Therapeutic Hypothermia. Am J Respir Crit Care Med. 2019 Nov 15;200(10):1294-1305. doi: 10.1164/rccm.201903-0583OC.
4. **Senior Responsible Author**. Smith A, Purna J, Castaldo M, Ibarra-Rios D, Rios DR, Giesinger RE, El-Khuffash AE, Weisz D, Jain A, **McNamara PJ**. Accuracy and Reliability of Qualitative Echocardiography Assessment of Right Ventricular Size and Function in Neonates. Echocardiography. 2019 Jul;36(7):1346-1352. doi: 10.1111/echo.14409. Epub 2019 Jun 27.
5. **Senior Responsible Author**. Grasse B, Crosdale B, Ng E, Keyzers M, **McNamara PJ**. Survey of amplitude integrated electroencephalography (aEEG) practice in canadian neonatal intensive care units. Paediatr Child Health. 2019 Oct 10;25(8):511-517. doi: 10.1093/pch/pxz091. eCollection 2020 Dec.PMID: 33354260
6. **Co-Author**. Backes CH,Giesinger RE, Rivera BK, Berman BP, Smith CV, Kelleher K, **McNamara PJ**, Slaughter JL. Considerations following Federal Drug Administration Approval of the Amplatzer Piccolo™ Occluder for Patent Ductus Arteriosus in Very Low Weight Infants. J Pediatr. 2019 Oct;213:218-221. doi: 10.1016/j.jpeds.2019.05.062. Epub 2019 Jun 27.
7. **Co-Author.** Patel MD, Breatnach CR, James AT, Choudhry S, **McNamara PJ**, Jain A, Franklin O, Hamvas A, Mertens L, Singh GK, EL-Khuffash A, Levy PT. Echocardiographic Evaluation of Right Ventricular Afterload in Preterm Infants: Maturational Patterns of Pulmonary Artery Acceleration Time over the first year of age and implications for Pulmonary Hypertension. J Am Soc Echocardiogr. 2019 Jul;32(7):884-894.e4. doi: 10.1016/j.echo.2019.03.015.
8. **Principal Author**. **McNamara PJ**, Giesinger RE, Backes CH. Closure of the Patent Ductus Arteriosus in Extremely Low Birth Weight Infants by Cardiac Catheterization – the new Standard of Care? Lancet Child Adolesc Health. 2019 May;3(5):290-292. doi: 10.1016/S2352-4642(19)30088-4. Epub 2019 Mar 28.
9. **Co-Author**. Kovacs K, Szakmar E, Meder E, Szakacs L, Cseko A, Vatai B, Szabo AJ, **McNamara PJ**, Szabo M, Jermendy A. A Double-blind, Randomized, Controlled Study of Low-dose Hydrocortisone Treatment for Hypotension in Asphyxiated Neonates during Hypothermia. J Pediatr. 2019 Aug;211:13-19.e3. doi: 10.1016/j.jpeds.2019.04.008. Epub 2019 May 30
10. **Senior Responsible Author**. Elgin T, **McNamara PJ**, Giesinger RE. Dichotomizing the spectrum of ductal shunt places long-term outcomes research at risk. J Pediatr. 2019 Jun;209:257. doi: 10.1016/j.jpeds.2019.02.006. Epub 2019 Mar 8.
11. **Co-Author**. Krishnappa S, Shah PS, Jain A, **McNamara PJ**, Weisz D. Predicting Extubation after Patent Ductus Arteriosus Ligation among Infants born Extremely Preterm Dependent on Mechanical Ventrilation. Krishnappa S, Shah PS, Jain A, Resende MHF, McNamara PJ, Weisz DE. J Pediatr. 2019 Nov;214:222-226.e3. doi: 10.1016/j.jpeds.2019.06.027. Epub 2019 Jul 3.

### Senior Responsible Author. Hebert A, Lavoie PM, Giesinger RE, Ting JY, Finan E, Singh Y, de Boode W, Kluckow M, Mertens L, McNamara PJ.Evolution of Training Guidelines for Echocardiography Performed by The Neonatologist: Moving towards Hemodynamic Consultation (editorial). J Am Soc Echocardiogr. 2019 Jun;32(6):785-790. doi: 10.1016/j.echo.2019.02.002. Epub 2019 Mar 26.

1. **Senior Responsible Author**. Targeted Neonatal Echocardiography in the United States of America: The Contemporary Perspective and Barriers to Implementation. Letter to the Editor. Giesinger RE1, Stanford AH1, Rios DR3, Bhombal S4, Fraga M5, Levy VY6, **McNamara PJ**1,2 on behalf of the United States Hemodynamics Collaborative. Pediatr Res. 2019 Jun;85(7):919-921. doi: 10.1038/s41390-019-0338-3. Epub 2019 Feb 18.

### Senior Responsible Author. Giesinger R, El-Sayed Y, Castaldo M, McNamara PJ. Targeted Neonatal Echocardiography (TnECHO) guided therapy in Vein of Galen Aneurysmal Malformation (VGAM). Arterio-venous Malformation. AJP Rep. 2019 Apr;9(2):e172-e176. doi: 10.1055/s-0039-1688765. Epub 2019 May 29.

1. **Senior Responsible Author**. Reply to “Assessment of hemodynamic parameters in the assessment of a PDA: It is still a puzzle. de Freitas Martins F, **McNamara PJ**. J Pediatr. 2019 Mar;206:303-304. doi: 10.1016/j.jpeds.2018.11.048. Epub 2018 Dec 17.
2. **Co-Author**. Sakhuja P, More K, Ting J, Sheth J, Lapointe A, Jain A, **McNamara PJ**, Moore AM. Visceral hemodynamics in asphyxiated neonates during Hypothermia and after Rewarming. Pediatr Neonatol. 2019 Dec;60(6):669-675. doi: 10.1016/j.pedneo.2019.04.003. Epub 2019 Apr 16
3. **Co-Author**. Kharrat A, Ibarra DR, Weisz D, Giesinger RE, Groves A, Yang J, **McNamara PJ**, Shah P, Jain A. The Relationship between Systolic, Diastolic and Mean Blood Pressures and Left Ventricular Output in Preterm Neonates. J Perinatol. 2019 May;39(5):619-625. doi: 10.1038/s41372-019-0337-6. Epub 2019 Feb 15.
4. **Co-author.** Kharrat A, **McNamara PJ**, Weisz D, Jain A. Merits and Perils of Echocardiography-Based Hemodynamic Research: A Position Statement. Can J Physiol Pharmacol. 2019 Mar;97(3):183-186. doi: 10.1139/cjpp-2018-0458. Epub 2018 Oct 16.
5. **Senior Responsible Author**. Giesinger RE, Bischoff AR, **McNamara PJ**. Post-Ligation Cardiac Syndrome: A challenge of PDA Surgery. Congenit Heart Dis. 2019 Mar;14(2):311-316. doi: 10.1111/chd.12738. Review.
6. **Co-Principal Investigator**. EL-Khuffash AE, **McNamara PJ**, Breatnach C, Bussmann N, Smith A, Feeney A, Tully E, Griffin J, de Boode WP, Cleary B, Franklin O, Dempsey E. The Use of Milrinone in Neonates with Persistent Pulmonary Hypertension of the Newborn - A Randomised Controlled Trial Pilot Study (MINT 1): Study Protocol and Review of Literature. Matern Health Neonatol Perinatol. 2018 Dec 3;4:24. doi: 10.1186/s40748-018-0093-1. eCollection 2018. Review.
7. **Coauthor**. de Boode WP, van der Lee R, Eriksen BH, Nestaas E, Dempsey E, Singh Y, Austin T, El-Khuffash A [The role of Neonatologist Performed Echocardiography in the assessment and management of neonatal shock.](https://www.ncbi.nlm.nih.gov/pubmed/30072807) European Special Interest Group “Neonatologist-Performed Echocardiography” (NPE). [***named collaborator***]. Pediatr Res. 2018 Jul;84(Suppl 1):57-67. doi: 10.1038/s41390-018-0081-1. Review.
8. **Co-author.** Levy P, Tissot C, Horsberg Eriksen B, Nestaas E, Rogerson S, **McNamara PJ**, El-Khuffash A, de Boode WP; European Special Interest Group “Neonatologist Performed Echocardiography” (NPE). Application of Neonatologist Performed Echocardiography in the Assessment and Management of Neonatal Heart Failure unrelated to Congential Heart Disease. Pediatr Res. 2018 Jul;84(Suppl 1):78-88. doi: 10.1038/s41390-018-0075-z. Review.
9. **Co-author**. Singh H, Roehr CC, Tissot C, Rogerson S, Gupta S, Bohlin K, El-Khuffash A, deBoode W; European Special Interest Group “Neonatologist Performed Echocardiography” [***named collaborator***]. Education, training, and accreditation of Neonatologist Perfomed Echocardiography in Europe-framework for practice. Pediatr Res. 2018 Jul;84(Suppl 1):13-17. doi: 10.1038/s41390-018-0078-9. Review.
10. **Senior Responsible Author**. Ahmed M, Giesinger RE, Ibrahim M, Baczynski M, Louis D, McNamara KP, Jain A, Weisz DE, **McNamara PJ**. Clinical and Echocardiography Predictors of Response to Inhaled Nitric Oxide in Hypoxic Preterm Neonates. J Paediatr Child Health. 2018 Dec 8. doi: 10.1111/jpc.14286
11. **Co-Author.** Mashally S, Nield LE, **McNamara PJ**, Martins FF, El-Khuffash A, Jain A, Weisz DE. [Late oral acetaminophen versus immediate surgical ligation in preterm infants with persistent large patent ductus arteriosus.](https://www.ncbi.nlm.nih.gov/pubmed/30007780) J Thorac Cardiovasc Surg. 2018 Nov;156(5):1937-1944. doi: 10.1016/j.jtcvs.2018.05.098. Epub 2018 Jul 11.
12. **Co-Author.** El-Sayed Y, Amer R, Ali Y, **McNamara PJ**, Seshia M. Integrated Evaluation of Hemodynamics: A novel approach for the Assessment and Management of Preterm Infants with Compromised Systemic Circulation. J Perinatol. 2018 Oct;38(10):1337-1343. doi: 10.1038/s41372-018-0188-6. Epub 2018 Aug 2.
13. **Co-Principal Author**. Gupta S, **McNamara PJ**. Contemporary approach to the Patent Ductus Arteriosus and Future Considerations. Semin Fetal Neonatal Med. 2018 Aug;23(4):223-224. doi: 10.1016/j.siny.2018.06.001. Epub 2018 Jun 15. No abstract available.
14. **Co-Author**. Baczynski M, Ginty S, Weisz D, **McNamara PJ,** Kelly E, Shah PS, Jain A. Outcomes of Hypoxic Respiratory Failure at Birth Associated with Previable Rupture of Membranes. J Perinatol. 2018 Aug;38(8):1087-1092. doi: 10.1038/s41372-018-0131-x. Epub 2018 May 22.
15. **Co-Author**. Papadhima I, Louis D, Purna J, Deshpande P, Diambomba Y, Lee SK, Shah P, Weisz D, El-Khuffash A, **McNamara PJ,** Mertens L, Jain A. Targeted Neonatal Echocardiography (TNE) Consult Service in a Large Tertiary Perinatal Center in Canada. J Perinatol. 2018 Aug;38(8):1039-1045. doi: 10.1038/s41372-018-0130-y. Epub 2018 May 22.
16. **Senior Responsible Author**. de Freitas Martins F, Ibarra Rios D, F Resende MH, Javed H, Weisz D, Jain A, de Andrade Lopes JM, **McNamara** PJ Comprehensive Appraisal of Relationship of Patent Ductus Arteriosus Size to Shunt volume. J Pediatr. 2018 Nov;202:50-55.e3. doi: 10.1016/j.jpeds.2018.06.045. Epub 2018 Aug 13.
17. **Co-author**. Deshpande P, Baczynski M, **McNamara PJ**, Jain A. Patent Ductus Arteriosus: The Physiology of the Transition. Semin Fetal Neonatal Med. 2018 Aug;23(4):225-231. doi: 10.1016/j.siny.2018.05.001. Epub 2018 May 5. Review.
18. **Senior Responsible Author**. Jasani B, Weisz DE, **McNamara PJ**. Evidenced based use of Acetaminophen for Hemodynamically Significant Ductus Arteriosus in Preterm Infants. Journal of Thoracic and cardiovascular Surgery. Semin Perinatol. 2018 Jun;42(4):243-252. doi: 10.1053/j.semperi.2018.05.007. Epub 2018 May 24. Review.
19. **Senior Responsible Author**. Giesinger RE, **McNamara PJ**. The impact of Therapeutic Hypothermia on Pulmonary Hemodynamics of Meconium Aspiration Syndrome. Am J Respir Crit Care Med. 2018 Jul 15;198(2):286-287. doi: 10.1164/rccm.201802-0207LE
20. **Senior Responsible Author**. Jain A, Mohamed A, Kavanagh BP, Shah PS, Mertens L, Jankov RP, **McNamara PJ**.Cardio-Pulmonary Adaptation During First Day of Life in Human Neonates. J Pediatr. 2018 Sep;200:50-57.e2. doi: 10.1016/j.jpeds.2018.04.051. Epub 2018 May 24.
21. **Senior Responsible Author**. Castaldo M, Giesinger RE, Resende MHF, Weisz DE, Jain A, **McNamara PJ**. Efficacy of Rectal Acetaminophen for Avoiding Surgical Ligation of a Hemodynamically Significant Ductus Arteriosus. Journal of Thoracic and Cardiovascular Surgery [Accepted]
22. **Senior Responsible Author**. Rios D, Bhattacharya S, Levy P, **McNamara PJ**. Circulatory insufficiency and hypotension relates to Patent Ductus Arteriosus in Premature Infants. Front Pediatr. 2018 Mar 15;6:62. doi: 10.3389/fped.2018.00062. eCollection 2018. Review.
23. **Co-Author.** Smith A, **McNamara PJ**, El-Khuffash AF. Non-pharmacological Management of a Hemodynamically Significant Patent Ductus Arteriosus. Semin Fetal Neonatal Med. 2018 Aug;23(4):245-249. doi: 10.1016/j.siny.2018.03.008
24. **Co-Author.** De Boode W, Kluckow M, **McNamara PJ**, Gupta S. Role of neonatologist-performed echocardiography in the management of Patent Ductus Arteriosus physiology in the newborn. Semin Fetal Neonatal Med. 2018 Aug;23(4):292-297. doi: 10.1016/j.siny.2018.03.007. Epub 2018 Mar 7
25. **Co-Author.** Sehgal A, **McNamara PJ**. International Perspectives of Management of a Patent Ductus Arteriosus – lessons learned. Semin Fetal Neonatal Med. 2018 Aug;23(4):278-284. doi: 10.1016/j.siny.2018.03.002. Epub 2018 Mar 7

### Co-Author. Van Laere D, VanOvermiere B, Gupta S, Savoia M, McNamara PJ, El-Khuffash AEK, DeBoode W. Application of neonatologist performed echocardiograph (NPE) in Patent Ductus Arteriosus management. Pediatr Res. 2018 Jul;84(Suppl 1):46-56. doi: 10.1038/s41390-018-0077-x. Review.

### Co-Author. DeBoode W, Schubert U, Molnar Z, Levy P, McNamara PJ, Savoia M, Singh Y, El-Khuffash AEK. Application of neonatologist performed echocardiograph (NPE) in management of PPHN. Pediatr Res. 2018 Jul;84(Suppl 1):68-77. doi: 10.1038/s41390-018-0082-0. Review.

### Co-Author. Tissot C, Horsberg, Nestaas E, McNamara PJ, Rogerson S, DeBoode W El-Khuffash AEK. Application of neonatologist performed echocardiograph (NPE) in the assessment and management of cardiomyopathy. Pediatr Res. 2018 Jul;84(Suppl 1):78-87. doi: 10.1038/s41390-018-0082-0. Review

### Co-Author. Nestaas E, Schubert U, de Boode W, EL-Khuffash A on behalf of the European Echocardiography Training Steering Group [Named Contributor]. Tissue Doppler Velocity Imaging and Event Timings in Neonates. A guide to Image Acquisition, Measurement, Interpretation and Reference Values. Pediatr Res. 2018 Jul;84(Suppl 1):18-29. doi: 10.1038/s41390-018-0079-8. Review.

### Co-Author. EL-Khuffash A, Schubert U, Levy PT, Nestaas E, de Boode W, on behalf of the European Echocardiography Training Steering Group [Named Contributor]. Deformation Imaging and Rotational Mechanics in Neonates: A guide to Image Acquisition, Measurement, Interpretation and Reference Values. Pediatr Res. 2018 Jul;84(Suppl 1):30-45. doi: 10.1038/s41390-018-0080-2. Review.

### Co-Author. Groves AM, Singh Y, Dempsey E, Molnar Z, Austin T, El-Khuffash AE, DeBoode W on behalf of the European Echocardiography Training Steering Group [Named Contributor]. Introduction to Neonatologist Performed Echocardiography. Pediatr Res. 2018 Jul;84(Suppl 1):1-12. doi: 10.1038/s41390-018-0076-y. Review.