

John J. Newland, MD**Hometown:** Merion Station, PA**Undergrad:** University of Vermont**Surgical Specialty Interest:** Thoracic, Colorectal, Surgical Oncology**Hobbies:** Gluten Free Baking and Cooking, lacrosse, running, eating, exercising**Publications:**

1. **Newland J.J.**, Johnson, A., Zhaoyong, F., Kim, R., Williams, R.T., Hanna, N.N., Mullins, C.D., Hu, Y. Increasing Utilization of Endoscopic Local Excision for Early Stage Gastric Cancers in the United States. *Surgery*. 2021 (In Review)
2. **Newland, JJ**, Dukleska, K, Cowan, S, Yeo, CJ, Tholey, R. Dr. Orvar Swenson and the Pull-Through. *American Surgeon*. 2019, Dec. 1:85(12):1311-1313. PMID 31912779
3. Lynch, J.M., Ko T., Busch D.R., **Newland, J.J.**, Winters, M.E., Mensah-Brown, K., Boorady, T.W., Xiao, R., Nicolson, S.C., Montenegro, L.M., Gaynor, J.W., Spray, T.L., Yodh, A.G., Naim, M.Y., Licht, D.J. Pre-Operative Cerebral Hemodynamics from Birth to Surgery in Neonates with Critical Congenital Heart Disease. *Journal of Thoracic and Cardiovascular Surgery*. 2018 Oct; 156(4): 1657-1664, PMID 29859676
4. Busch, D.R., Lynch, J.M., Winters, M.E., McCarthy, A.L., **Newland, J.J.**, Ko, T., Cornaglia, M.A., Radcliffe, J., McDonough, .M., Samuel, J., Matthews, E., Xiao, R., Yodh, A.G., Marcus, C.L., Licht, D.J. and Tapia, I.E. Cerebral Blood Flow Response to Hypercapnia in Children with Obstructive Sleep Apnea Syndrome. *Sleep* **39**, 209-216, doi:10.5665/sleep.5350 (2016)

Abstracts

1. Busch, DR; Ko, T; Lynch, J; Winters, M; **Newland, J**; Mensah-Brown, K; Boorady, T; Cornaglia, MA; Radcliffe, J; McDonough, J; Pediatric sleep apnea suppresses cerebral blood flow reactivity to hypercarbia. *Journal Of Cerebral Blood Flow And Metabolism* 37, 243-243 (2017)
2. Busch, DR; Ko, T; Boorady, T; **Newland, J**; Mensah-Brown, K; Lynch, J; Winters, M; McCarthy, A; Beslow, L; Buckley, E; Manipulation of cerebral blood flow through postural changes in pediatric stroke. *Journal Of Cerebral Blood Flow And Metabolism*. 37, 176-176 (2017)
3. Busch, D; Mavroudis, C; Ko, T; Lynch, J; Mensah-Brown, K; **Newland, J**; Boorady, T; McCarthy, A; Du Pont-Thibodeau, G; Connelly, J; Continuous monitoring of cerebral hemodynamics during disrupted cerebral auto-regulation in extracorporeal membrane oxygenation therapy. *Journal Of Cerebral Blood Flow And Metabolism*. 37, 46-46 (2017)
4. Ko, T., Lynch, J., Mensah-Brown, K., Winters, M., **Newland, J.**, Hudson, E., Mavroudis, C., Busch, D., McCarthy, A., Xiao, R., Nicolson, S., Montenegro, L., Fuller, S., Gaynor, J., Spray, T., Naim, M., Yodh, A., Licht, D. and Melchior, R. Post-Operative Recovery of Cerebral Metabolism in Neonates with Critical Congenital Heart Disease. *Ann Neurol* 80, S404-S405 (2016)
5. McCarthy, A., Busch, D., G, D.P.-T., Mavroudis, C., Ko, T., Winters, M., **Newland, J.**, Mensah-Brown, K., Griffith, K., Lynch, J., Schwab, P., Buckley, E., Yodh, A. and Licht, D. Continuous Neurovascular Monitoring During Extra-Corporeal Membrane Oxygenation Therapy. *Ann Neurol* 80, S345-S345 (2016)
6. McCarthy, AL, Busch, DR, Lynch, JL, Winters, ME, **Newland, JJ**, Ko, T, Cornaglia, M., Yodh, A., Marcus, C., Licht, D. and Tapia, I. Depressed Cerebral Blood Flow Response To Hypercapnia in Children with Obstructive Sleep Apnea Syndrome. *Ann Neurol* 80, S384-S385 (2016)
7. Busch, DR; Du Pont-Thibodeau, G; Mavroudis, CD; McCarthy, AL; Ko, T; Winters, ME; **Newland, JJ**; Mensah-Brown, K; Griffith, KR; Lynch, JM; Cerebral autoregulation during pediatric extracorporeal membrane oxygenation therapy. *Optics and the Brain*. JTu3A. 49 (2016)
8. Ko, T; Lynch, J; **Newland, J**; Winters, M; Busch, D; McCarthy, A; Nicolson, S; Montenegro, L; Fuller, S; Gaynor, J; Development Of Regional Cerebral Hemodynamics In Neonates With Critical Congenital Heart Disease: 369. *Journal of Cerebral Blood Flow & Metabolism*. 36 (2016).
9. Lynch, JM; Ko, T; **Newland, JJ**; Winters, Madeline E; Busch, David R; Nicolson, Susan C; Montenegro, Lisa M; Yodh, Arjun G; Licht, Daniel J; Effect of anesthesia on cerebral oxygenation and blood flow in neonates with critical congenital heart disease. *Clinical and Translational Biophotonics*. JW3A. 45 (2016)

10. Lynch, JM, **Newland, JJ**, Winters, MR, Busch, DL, McCarthy, AC, Xiao, RW, Naim, M. (2015). Abstract 19890: Pre-operative Cerebral Hemodynamics From Birth Until Surgery in Neonates With Critical Congenital Heart Disease. *Circulation*, 132(Suppl_3 Suppl 3), A19890
11. McCarthy, AL, Winters, ME, Bixler, E, Lynch, JL, **Newland, JJ**, Busch, DR, Naim, M. (2015). Earlier stage I operation in neonates with hypoplastic left heart syndrome is not associated with worse short-term outcomes. 132(19), *Circulation*, Nov 10, 2015, Vol.132(19).

Presentations

1. **Newland J.J.**, Johnson, A., Zhaoyong, F., Kim, R., Williams, R.T., Hanna, N.N., Mullins, C.D., Hu, Y. "Increasing Utilization of Endoscopic Local Excision for Early Stage Gastric Cancers in the United States.", Maryland Chapter - American College of Surgeons Annual Conference. July 17, 2021
2. **Newland, J.J.**, Dukleska, K., Cowan, S., Yeo, C.J., Tholey, R. "Dr. Orvar Swenson and the Pull-through", Gibbon Surgical Rounds, Sidney Kimmel Medical College. February 21, 2019.
3. Kocovic, N., **Newland, J.J.**, Carleen A.M., Pavri, B.P., "Prediction of Response to Cardiac Resynchronization Therapy by Surface ECG Findings in Patients with Left Bundle Branch Block – A Pilot Study" International Academy of Cardiology, 23rd World Congress on Heart Disease, Boston, MA, USA, July 27-29, 2018
4. **Newland, J.J.**, Ko, T, Mavroudis, C.M., Winters M.W., Busch, D.R., Mensah-Brown, K., Xiao, R., Nicolson, S.C., Montenegro L.M., Gaynor W.J., Spray, T.M, Yodh, A.G., Licht, D.J., Lynch, J.L. "Effect of anesthesia on cerebral oxygenation and blood flow in neonates with critical congenital heart disease", Sigma Xi Research Day at Sidney Kimmel Medical College, April 2018
5. **Newland, J.J.**, Nellen J.R., Jefferson-East Falls Innovation Collaboration. "Surgical Hernia Mesh Placement: Mesh Rod Assist Device" Gibbon Surgical Society, Sidney Kimmel Medical College, January 18, 2018.
6. Ko, T.S., Lynch, J. M., **Newland, J. J.**, Winters, M. E., Hudson, E., Busch, D. R., McCarthy, A. L., Xiao, R., Nicolson, S. C., Montenegro, L. M., Fuller, S., Gaynor, W., Spray, T. L., Naim, M. Y., Yodh, A. G., Licht, D. J. (2015, Sep). "Post-operative cerebral hemodynamics in neonates with critical congenital heart disease," SPIE/NIH Biophotonics from Bench to Bedside Conference, Bethesda, MD
7. Busch, D. R., Winters, M. E., McCarthy, A. L., Lynch, J. M., Ko, T., **Newland, J. J.**, Cornaglia, M. A., Yodh, A. G., Marcus, C. L., Licht, D. J., Xiao, R., Tapia, I. E. (2015, Mar). "Depressed cerebral blood flow response to hypercapnia in children with obstructive sleep apnea syndrome," Proceedings of the SPIE, European Conferences on Biomedical Optics
8. Lynch, J.M., Ko, T., **Newland, J.J.**, Winters, M.E., Busch, D.R., Nicolson, S.C., Montenegro, L.M., Yodh, A.G., Licht, D.J Pre-Operative Cerebral Hemodynamics From Birth Until Surgery in Infants with Critical Congenital Heart Disease. CHOP Research Day Feb 2015