MCCPOP 42nd Annual Perinatal Potpourri: Advances in Care (Recorded Sessions)

References/Bibliography

Perinatal Palliative Care: A Family Centered, Interdisciplinary Team Approach

- Association for Children with Life-threatening and Terminal Conditions and their Families (ACT) and the Royal College of Paediatrics and Child Health. (2001, 2003). A guide to the development of children's palliative care services. *RCPCH, London*.
- Cacciatore, J. (2016). When the unthinkable happens: A mindfulness approach to perinatal and pediatric death. In: Black, B. P., Wright, P. M., & Limbo, R. (Eds.), *Perinatal and pediatric bereavement in nursing and other health professions* (pp. 97-110). Springer Publishing Company. https://www.springerpub.com/perinatal-and-pediatric-bereavement-in-nursing-and-other-health-professions-9780826129260.html
- Dean, B., & McDonald, K. (2014). Nursing Perspectives: Building an Interprofessional Perinatal Palliative Care Team. *American Academy of Pediatrics*, *15*(10), e422-e425. https://doi.org/10.1542/neo.15-10-e422
- Denney-Koelsch, E. M., & Côté-Arsenault, D. (2020). *Perinatal Palliative Care*. *Springer, ISBN 9783030347505*. https://link.springer.com/book/10.1007/978-3-030-34751-2
- Fry, J. T., Henner, N., & Caruso, A. (2020). Anticipatory guidance: Birth planning and advanced care planning. In: Limbo, R., Wool, C., & Carter, B. S. (Eds.) *Handbook of perinatal and neonatal palliative care* (pp. 151-172). *Springer Publishing Company*. https://books.google.com/books?hl=en&lr=&id=szCeDwAAQBAJ&oi=fnd&pg=PP1&ots=HjuO8Km8fI&sig=19rjs9NE3dBPREHNYAjkFAlH5k4#v=onepage&q&f=false
- Kuebelbeck, A., & Davis, D. L. (2011). *A gift of time: Continuing your pregnancy when your baby's life is expected to be brief*. *Johns Hopkins University Press*. https://www.press.jhu.edu/books/title/9866/gift-time
- Leuthner, S. R., & Acharya, K. (2020). Perinatal Counseling Following a Diagnosis of Trisomy 13 or 18: Incorporating the Facts, Parental Values, and Maintaining Choices. *Advances in neonatal care : official journal of the National Association of Neonatal Nurses*, *20*(3), 204–215. https://doi.org/10.1097/ANC.0000000000000704

- Perinatal Hospice & Palliative Care. (2021). Continuing Your Pregnancy. *Perinatal Hospice & Palliative Care*. https://www.perinatalhospice.org/birth-planning
- Perinatal Palliative Care: ACOG COMMITTEE OPINION, Number 786. (2019). *Obstetrics and gynecology*, *134*(3), e84–e89. https://doi.org/10.1097/AOG.0000000000003425
- Wolfe, J., Hinds, P. S., & Sourkes, B. M. (2022). *Interdisciplinary Pediatric Palliative Care*, 2nd Edition. *Oxford University Press*, *ISBN 9780190090012*. https://global.oup.com/academic/product/interdisciplinary-pediatric-palliative-care-9780190090012?cc=us&lang=en&

People-Centered Postpartum Contraception: Updates on Methods, Counseling, and Provision

- ACOG Committee Opinion No. 736: Optimizing Postpartum Care. (2018). *Obstetrics and gynecology*, *131*(5), e140–e150. https://doi.org/10.1097/AOG.0000000000002633
- American College of Obstetricians and Gynecologists. Immediate Postpartum LARC Implementation: Systems and Sustainability. *American College of Obstetricians and Gynecologists*. https://www.acog.org/education-and-events/webinars/immediate-postpartum-larc-implementation-systems-and-sustainability
- American College of Obstetricians and Gynecologists' Committee on Health Care for Underserved Women (2021). Access to Postpartum Sterilization: ACOG Committee Opinion, Number 827. *Obstetrics and gynecology*, *137*(6), e169–e176. https://doi.org/10.1097/AOG.0000000000004381
- American College of Obstetricians and Gynecologists' Committee on Health Care for Underserved Women, Contraceptive Equity Expert Work Group, and Committee on Ethics (2022). Patient-Centered Contraceptive Counseling: ACOG Committee Statement Number 1. *Obstetrics and gynecology*, *139*(2), 350–353. https://doi.org/10.1097/AOG.0000000000004659
- Centers for Disease Control and Prevention. (2018). Introduction. *Centers for Disease Control and Prevention*. https://www.cdc.gov/reproductivehealth/contraception/mmwr/spr/intro.html

- Centers for Disease Control and Prevention. (2017). Lactational Amenorrhea Method. *Centers for Disease Control and Prevention*. https://www.cdc.gov/reproductivehealth/contraception/mmwr/mec/appendixg.html
- Conde-Agudelo, A., Rosas-Bermúdez, A., & Kafury-Goeta, A. C. (2006). Birth spacing and risk of adverse perinatal outcomes: a meta-analysis. *JAMA*, *295*(15), 1809–1823. https://doi.org/10.1001/jama.295.15.1809
- Congdon, J. L., Baer, R. J., Arcara, J., Feuer, S. K., Gómez, A. M., Karasek, D., Oltman, S. P., Pantell, M. S., Ryckman, K., & Jelliffe-Pawlowski, L. (2022). Interpregnancy Interval and Birth Outcomes: A Propensity Matching Study in the California Population. *Maternal and child health journal*, *26*(5), 1115–1125. https://doi.org/10.1007/s10995-022-03388-4
- Copen, C. E., Thoma, M. E., & Kirmeyer, S. (2015). Interpregnancy Intervals in the United States: Data From the Birth Certificate and the National Survey of Family Growth. *National vital statistics reports : from the Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System*, *64*(3), 1–10. https://pubmed.ncbi.nlm.nih.gov/25933008/
- Curtis, K. M., Tepper, N. K., Jatlaoui, T. C., Berry-Bibee, E., Horton, L. G., Zapata, L. B., Simmons, K. B., Pagano, H. P., Jamieson, D. J., & Whiteman, M. K. (2016). U.S. Medical Eligibility Criteria for Contraceptive Use, 2016. *MMWR. Recommendations and reports : Morbidity and mortality weekly report. Recommendations and reports*, *65*(3), 1–103. https://doi.org/10.15585/mmwr.rr6503a1
- Dehlendorf, C., Krajewski, C., & Borrero, S. (2014). Contraceptive counseling: best practices to ensure quality communication and enable effective contraceptive use. *Clinical obstetrics and gynecology*, *57*(4), 659–673. https://doi.org/10.1097/GRF.0000000000000059
- Hofler, L. G., Cordes, S., Cwiak, C. A., Goedken, P., Jamieson, D. J., & Kottke, M. (2017). Implementing immediate postpartum long-acting reversible contraception programs. *Obstet Gynecol*, *129*: 3-9. https://pcainitiative.acog.org/implementation/getting-started/

- Horvath, S., Bumpus, M., & Luchowski, A. (2020). From uptake to access: a decade of learning from the ACOG LARC program. *American journal of obstetrics and gynecology*, *222*(4S), S866–S868.e1. https://doi.org/10.1016/j.ajog.2019.11.1269
- McKinney, D., House, M., Chen, A., Muglia, L., & DeFranco, E. (2017). The influence of interpregnancy interval on infant mortality. *American journal of obstetrics and gynecology*, *216*(3), 316.e1–316.e9. https://doi.org/10.1016/j.ajog.2016.12.018
- Moniz, M. H., Spector-Bagdady, K., Perritt, J. B., Heisler, M., Loder, C. M., Wetmore, M. K., & Harris, L. H. (2022). Balancing enhanced contraceptive access with risk of reproductive injustice: A United States comparative case study. *Contraception*, *113*, 88–94. https://doi.org/10.1016/j.contraception.2022.04.004
- Reed, S. D., Zhou, X., Ichikawa, L., Gatz, J. L., Peipert, J. F., Armstrong, M. A., Raine-Bennett, T., Getahun, D., Fassett, M. J., Postlethwaite, D. A., Shi, J. M., Asiimwe, A., Pisa, F., Schoendorf, J., Saltus, C. W., Anthony, M. S., & APEX-IUD study team (2022). Intrauterine device-related uterine perforation incidence and risk (APEX-IUD): a large multisite cohort study. *Lancet (London, England)*, *399*(10341), 2103–2112. https://doi.org/10.1016/S0140-6736(22)00015-0
- Ryan Program. The Ryan Residency Training Program. *Bixby Center for Global Reproductive Health, University of California, San Francisco*. https://ryanprogram.org/
- Secura, G. M. (2014). Long-lasting Contraceptive Methods & the Contraceptive CHOICE Project. *The Contraceptive Choice Project*. http://www.codajic.org/sites/default/files/sites/www.codajic.org/files/Long-lasting%20Contraceptive%20Methods%20&%20the%20Contraceptive%20CHOICE%20Project.pdf
- Sothornwit, J., Kaewrudee, S., Lumbiganon, P., Pattanittum, P., & Averbach, S. H. (2022). Immediate versus delayed postpartum insertion of contraceptive implant and IUD for contraception. *The Cochrane database of systematic reviews*, *10*(10), CD011913. https://doi.org/10.1002/14651858.CD011913.pub3
- Speroff, L., & Mishell, D. R., Jr (2008). The postpartum visit: it's time for a change in order to optimally initiate contraception. *Contraception*, *78*(2), 90–98. https://doi.org/10.1016/j.contraception.2008.04.005

- Stamilio, D. M., DeFranco, E., Paré, E., Odibo, A. O., Peipert, J. F., Allsworth, J. E., Stevens, E., & Macones, G. A. (2007). Short interpregnancy interval: risk of uterine rupture and complications of vaginal birth after cesarean delivery. *Obstetrics and gynecology*, *110*(5), 1075–1082. https://doi.org/10.1097/01.AOG.0000286759.49895.46
- Sullivan, G. (2014). How Colorado's teen birthrate dropped 40% in four years. *The Washington Post*. https://www.washingtonpost.com/news/morning-mix/wp/2014/08/12/how-colorados-teen-birthrate-dropped-40-in-four-years/
- Tavernise, S. (2015). Colorado's Effort Against Teenage Pregnancies Is a Startling Success. *The New York Times*. https://www.nytimes.com/2015/07/06/science/colorados-push-against-teenage-pregnancies-is-a-startling-success.html#:~:text=They%20did%20in%20a%20big,of%20Public%20Health%20and%20Environment.
- University of California, San Francisco. (2019). How Well Does Birth Control Work? (Image). *Beyond the Pill, UCSF*. https://beyondthepill.ucsf.edu/sites/beyondthepill.ucsf.edu/files/Tiers%20of%20Effectiveness_English-043019.pdf
- Upstream USA. What are my postpartum birth control options?. *Upstream USA Partner Portal*. https://portal.upstream.org/resource/what-are-my-postpartum-birth-control-options/
- Whitaker, A. K., & Chen, B. A. (2018). Society of Family Planning Guidelines: Postplacental insertion of intrauterine devices. *Contraception*, *97*(1), 2–13. https://doi.org/10.1016/j.contraception.2017.09.014
- White, K., Teal, S. B., & Potter, J. E. (2015). Contraception after delivery and short interpregnancy intervals among women in the United States. *Obstetrics and gynecology*, *125*(6), 1471–1477. https://doi.org/10.1097/AOG.0000000000000841
- World Health Organization. (2007). Report of a WHO technical consultation on birth spacing: Geneva, Switzerland 13-15 June 2005. *World Health Organization*. https://apps.who.int/iris/handle/10665/69855

Exploring the Spectrum of Maternal Complications from Severe Maternal Morbidity to Maternal Mortality

- California Maternal Quality Care Collaborative (CMQCC). (2022). Improving Diagnosis and Treatment of Maternal Sepsis. *CMQCC*. https://www.cmqcc.org/sites/default/files/Sepsis%20Toolkit_FINAL.2_Errata_7.1.22.pdf
- California Maternal Quality Care Collaborative (CMQCC). (2021). Improving Health Care Response to Hypertensive Disorders of Pregnancy. *CMQCC*. https://www.cmqcc.org/resource/improving-health-care-response-hypertensive-disorders-pregnancy
- California Maternal Quality Care Collaborative (CMQCC). (2022). Improving Health Care Response to Obstetric Hemorrhage, V3.0. *CMQCC*. https://www.cmqcc.org/sites/default/files/HEMToolkit_03252022%20Errata%207.2022%20%282%29.pdf
- California Pregnancy-Associated Mortality Review. (2018). Report from 2002 to 2007 Maternal Death Reviews. *California Department of Public Health*. https://www.cdph.ca.gov/Programs/CFH/DMCAH/CDPH%20Document%20Library/PAMR/CA-PAMR-Report-1.pdf
- California Pregnancy Mortality Surveillance System. (2021). California Pregnancy-Related Deaths, 2008-2016. *California Department of Public Health*. https://www.cdph.ca.gov/Programs/CFH/DMCAH/surveillance/CDPH%20Document%20Library/CA-PMSS/CA-PMSS-Surveillance-Report-2008-2016.pdf
- California Pregnancy Mortality Surveillance System. (2022). California Pregnancy-Related Deaths, 2011-2019. *California Department of Public Health*. https://www.cdph.ca.gov/Programs/CFH/DMCAH/Pages/CA-PMSS.aspx
- Chatterjee, R. (2021). U.S. pregnancy-related deaths have doubled in the last 30 years. *NPR*. https://www.npr.org/2021/11/15/1055936702/u-s-maternal-and-infant-health-remains-at-crisis-level#:~:text=The%20U.S.%20remains%20at%20crisis,over%20the%20last%2030%20years.
- Elmir, R., Schmied, V., Jackson, D., & Wilkes, L. (2012). Between life and death: women's experiences of coming close to death, and surviving a severe postpartum

haemorrhage and emergency hysterectomy. *Midwifery*, *28*(2), 228–235. https://doi.org/10.1016/j.midw.2010.11.008

- Galvin, G. (2019). How America Is Combating Maternal Mortality. *U.S. News & World Report*. https://www.usnews.com/news/health-news/articles/2019-06-19/whats-being-done-to-fight-maternal-mortality-in-america
- Geller, S. E., Rosenberg, D., Cox, S. M., Brown, M. L., Simonson, L., Driscoll, C. A., & Kilpatrick, S. J. (2004). The continuum of maternal morbidity and mortality: factors associated with severity. *American journal of obstetrics and gynecology*, *191*(3), 939–944. https://doi.org/10.1016/j.ajog.2004.05.099
- Hoyert, D. L. (2023). Maternal mortality rates in the United States, 2021. *Centers for Disease Control and Prevention, National Center for Health Statistics*. https://www.cdc.gov/nchs/data/hestat/maternal-mortality/2021/maternal-mortality-rates-2021.htm#:~:text=In%202021%2C%201%2C205%20women%20died,20.1%20in%202019%20(Table).
- Igbinosa, I., Leonard, S. A., Butwick, A. J., & Lyell, D. J. (2020). Antepartum anemia and racial/ethnic disparities in blood transfusion in california. *American Journal of Obstetrics & Gynecology*, *222*(1), S304. https://doi.org/10.1016/j.ajog.2019.11.480
- Leonard, S. A., Main, E. K., Lyell, D. J., & Butwick, A. J. (2020). Antepartum iron-deficiency anemia: An opportunity to reduce severe maternal morbidity. *American Journal of Obstetrics & Gynecology*, *222*(1), S168-S169. https://doi.org/10.1016/j.ajog.2019.11.260
- Leonard, S. A., Main, E. K., Scott, K. A., Profit, J., & Carmichael, S. L. (2019). Racial and ethnic disparities in severe maternal morbidity prevalence and trends. *Annals of epidemiology*, *33*, 30–36. https://doi.org/10.1016/j.annepidem.2019.02.007
- Main, E. K., Chang, S. C., Dhurjati, R., Cape, V., Profit, J., & Gould, J. B. (2020). Reduction in racial disparities in severe maternal morbidity from hemorrhage in a large-scale quality improvement collaborative. *American journal of obstetrics and gynecology*, *223*(1), 123.e1–123.e14. https://doi.org/10.1016/j.ajog.2020.01.026
- Main, E. K., Leonard, S. A., & Menard, M. K. (2020). Association of Maternal Comorbidity With Severe Maternal Morbidity: A Cohort Study of California Mothers

Delivering Between 1997 and 2014. *Annals of internal medicine*, *173*(11 Suppl), S11–S18. https://doi.org/10.7326/M19-3253

- Mei, Z., Cogswell, M. E., Looker, A. C., Pfeiffer, C. M., Cusick, S. E., Lacher, D. A., & Grummer-Strawn, L. M. (2011). Assessment of iron status in US pregnant women from the National Health and Nutrition Examination Survey (NHANES), 1999-2006. *The American journal of clinical nutrition*, *93*(6), 1312–1320. https://doi.org/10.3945/ajcn.110.007195
- Rosenstein, M. G., Chang, S. C., Sakowski, C., Markow, C., Teleki, S., Lang, L., Logan, J., Cape, V., & Main, E. K. (2021). Hospital Quality Improvement Interventions, Statewide Policy Initiatives, and Rates of Cesarean Delivery for Nulliparous, Term, Singleton, Vertex Births in California. *JAMA*, *325*(16), 1631–1639. https://doi.org/10.1001/jama.2021.3816
- Sgaier, S., & Downey, J. (2021). What We See in the Shameful Trends on U.S. Maternal Health. *The New York Times*. https://www.nytimes.com/interactive/2021/11/17/opinion/maternal-pregnancy-health.html

Using the Voices of Black Women to Address Racial Disparities in Maternal Health

- Altman, M. R., McLemore, M. R., Oseguera, T., Lyndon, A., & Franck, L. S. (2020). Listening to Women: Recommendations from Women of Color to Improve Experiences in Pregnancy and Birth Care. *Journal of midwifery & women's health*, *65*(4), 466–473. https://doi.org/10.1111/jmwh.13102
- Altman, M. R., Oseguera, T., McLemore, M. R., Kantrowitz-Gordon, I., Franck, L. S., & Lyndon, A. (2019). Information and power: Women of color's experiences interacting with health care providers in pregnancy and birth. *Social science & medicine (1982)*, *238*, 112491. https://doi.org/10.1016/j.socscimed.2019.112491
- Badreldin, N., Grobman, W. A., & Yee, L. M. (2019). Racial Disparities in Postpartum Pain Management. *Obstetrics and gynecology*, *134*(6), 1147–1153. https://doi.org/10.1097/AOG.0000000000003561

- Canty, L. (2020). It's Not Always Rainbows and Unicorns: The Lived Experience of Severe Maternal Morbidity Among Black Women (Doctoral Dissertation). *University of Connecticut, Storrs*. https://opencommons.uconn.edu/dissertations/2426
- Canty L. (2022). The lived experience of severe maternal morbidity among Black women. *Nursing inquiry*, *29*(1), e12466. https://doi.org/10.1111/nin.12466
- Centers for Disease Control and Prevention. (2020). Infographic: Racial/Ethnic Disparities in Pregnancy-Related Deaths- United States, 2007-2016. *Centers for Disease Control and Prevention*. https://www.cdc.gov/reproductivehealth/maternal-mortality/disparities-pregnancy-related-deaths/infographic.html
- Hoyert, D. L. (2021). Maternal Mortality Rates in the United States, 2020. *Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System*. https://doi.org/10.15620/cdc:103855
- Johnson, J. D., Asiodu, I. V., McKenzie, C. P., Tucker, C., Tully, K. P., Bryant, K., Verbiest, S., & Stuebe, A. M. (2019). Racial and Ethnic Inequities in Postpartum Pain Evaluation and Management. *Obstetrics and gynecology*, *134*(6), 1155–1162. https://doi.org/10.1097/AOG.0000000000003505
- Jones C. P. (2000). Levels of racism: a theoretic framework and a gardener's tale. *American journal of public health*, *90*(8), 1212–1215. https://doi.org/10.2105/ajph.90.8.1212
- Pérez-Stable, E. J., & El-Toukhy, S. (2018). Communicating with diverse patients: How patient and clinician factors affect disparities. *Patient education and counseling*, *101*(12), 2186–2194. https://doi.org/10.1016/j.pec.2018.08.021
- Saluja, B., & Bryant, Z. (2021). How Implicit Bias Contributes to Racial Disparities in Maternal Morbidity and Mortality in the United States. *Journal of women's health (2002)*, *30*(2), 270–273. https://doi.org/10.1089/jwh.2020.8874
- Vedam, S., Stoll, K., Taiwo, T. K., Rubashkin, N., Cheyney, M., Strauss, N., McLemore, M., Cadena, M., Nethery, E., Rushton, E., Schummers, L., Declercq, E., & GVtM-US Steering Council (2019). The Giving Voice to Mothers study: inequity and mistreatment during pregnancy and childbirth in the United States. *Reproductive health*, *16*(1), 77. https://doi.org/10.1186/s12978-019-0729-2

- United States Government Accountability Office. (2022). Maternal Health: Outcomes Worsened and Disparities Persisted During the Pandemic. *United States Government Accountability Office*. https://www.gao.gov/assets/gao-23-105871.pdf

Hyperglycemia: Antecedents, Causes, Preventions, Treatments, and Outcomes

- Alsweiler, J. M., Harding, J. E., & Bloomfield, F. H. (2012). Tight glycemic control with insulin in hyperglycemic preterm babies: a randomized controlled trial. *Pediatrics, 129*(4), 639–647. https://doi.org/10.1542/peds.2011-2470
- Alsweiler, J. M., Kuschel, C. A., & Bloomfield, F. H. (2007). Survey of the management of neonatal hyperglycaemia in Australasia. *Journal of paediatrics and child health, 43*(9), 632–635. https://doi.org/10.1111/j.1440-1754.2007.01158.x
- Amin, H., Holst, J. J., Hartmann, B., Wallace, L., Wright, J., & Sigalet, D. L. (2008). Functional ontogeny of the proglucagon-derived peptide axis in the premature human neonate. *Pediatrics*, *121*(1), e180–e186. https://doi.org/10.1542/peds.2007-1461
- Anhê, F. F., Barra, N. G., & Schertzer, J. D. (2020). Glucose alters the symbiotic relationships between gut microbiota and host physiology. *American journal of physiology. Endocrinology and metabolism*, *318*(2), E111–E116. https://doi.org/10.1152/ajpendo.00485.2019
- Basu, S. K., Kaiser, J. R., Guffey, D., Minard, C. G., Guillet, R., Gunn, A. J., & CoolCap Study Group (2016). Hypoglycaemia and hyperglycaemia are associated with unfavourable outcome in infants with hypoxic ischaemic encephalopathy: a post hoc analysis of the CoolCap Study. *Archives of disease in childhood. Fetal and neonatal edition*, *101*(2), F149–F155. https://doi.org/10.1136/archdischild-2015-308733
- Basu, S. K., Ottolini, K., Govindan, V., Mashat, S., Vezina, G., Wang, Y., Ridore, M., Chang, T., Kaiser, J. R., & Massaro, A. N. (2018). Early Glycemic Profile Is Associated with Brain Injury Patterns on Magnetic Resonance Imaging in Hypoxic Ischemic Encephalopathy. *The Journal of pediatrics*, *203*, 137–143. https://doi.org/10.1016/j.jpeds.2018.07.041
- Beardsall, K., Vanhaesebrouck, S., Frystyk, J., Ogilvy-Stuart, A. L., Vanhole, C., van Weissenbruch, M., Midgley, P., Thio, M., Cornette, L., Gill, B., Ossuetta, I., Iglesias, I., Theyskens, C., de Jong, M., Ahluwalia, J. S., de Zegher, F., Dunger, D. B., & NIRTURE

Study Group (2014). Relationship between insulin-like growth factor I levels, early insulin treatment, and clinical outcomes of very low birth weight infants. *The Journal of pediatrics*, *164*(5), 1038–1044.e1. https://doi.org/10.1016/j.jpeds.2013.12.046

- Beardsall, K., Vanhaesebrouck, S., Ogilvy-Stuart, A. L., Vanhole, C., Palmer, C. R., van Weissenbruch, M., Midgley, P., Thompson, M., Thio, M., Cornette, L., Ossuetta, I., Iglesias, I., Theyskens, C., de Jong, M., Ahluwalia, J. S., de Zegher, F., & Dunger, D. B. (2008). Early insulin therapy in very-low-birth-weight infants. *The New England journal of medicine*, *359*(18), 1873–1884. https://doi.org/10.1056/NEJMoa0803725
- Bellagamba, M. P., Carmenati, E., D'Ascenzo, R., Malatesta, M., Spagnoli, C., Biagetti, C., Burattini, I., & Carnielli, V. P. (2016). One Extra Gram of Protein to Preterm Infants From Birth to 1800 g: A Single-Blinded Randomized Clinical Trial. *Journal of pediatric gastroenterology and nutrition*, *62*(6), 879–884. https://doi.org/10.1097/MPG.0000000000000989
- Burattini, I., Bellagamba, M. P., Spagnoli, C., D'Ascenzo, R., Mazzoni, N., Peretti, A., Cogo, P. E., Carnielli, V. P., & Marche Neonatal Network (2013). Targeting 2.5 versus 4 g/kg/day of amino acids for extremely low birth weight infants: a randomized clinical trial. *The Journal of pediatrics*, *163*(5), 1278–82.e1. https://doi.org/10.1016/j.jpeds.2013.06.075
- Bytoft, B., Knorr, S., Vlachova, Z., Jensen, R. B., Mathiesen, E. R., Beck-Nielsen, H., Gravholt, C. H., Jensen, D. M., Clausen, T. D., Mortensen, E. L., & Damm, P. (2016). Long-term Cognitive Implications of Intrauterine Hyperglycemia in Adolescent Offspring of Women With Type 1 Diabetes (the EPICOM Study). *Diabetes care*, *39*(8), 1356–1363. https://doi.org/10.2337/dc16-0168
- Carver, T. D., Anderson, S. M., Aldoretta, P. A., Esler, A. L., & Hay, W. W., Jr (1995). Glucose suppression of insulin secretion in chronically hyperglycemic fetal sheep. *Pediatric research*, *38*(5), 754–762. https://doi.org/10.1203/00006450-199511000-00020
- Catalano P. M. (1994). Carbohydrate metabolism and gestational diabetes. *Clinical obstetrics and gynecology*, *37*(1), 25–38. https://doi.org/10.1097/00003081-199403000-00007

- Chacko, S. K., & Sunehag, A. L. (2010). Gluconeogenesis continues in premature infants receiving total parenteral nutrition. *Archives of disease in childhood. Fetal and neonatal edition*, *95*(6), F413–F418. https://doi.org/10.1136/adc.2009.178020
- Chavez-Valdez, R., McGowan, J., Cannon, E., & Lehmann, C. U. (2011). Contribution of early glycemic status in the development of severe retinopathy of prematurity in a cohort of ELBW infants. *Journal of perinatology : official journal of the California Perinatal Association*, *31*(12), 749–756. https://doi.org/10.1038/jp.2011.19
- Fang, J. L., Sorita, A., Carey, W. A., Colby, C. E., Murad, M. H., & Alahdab, F. (2016). Interventions To Prevent Retinopathy of Prematurity: A Meta-analysis. *Pediatrics*, *137*(4), e20153387. https://doi.org/10.1542/peds.2015-3387
- Garg, R., Agthe, A. G., Donohue, P. K., & Lehmann, C. U. (2003). Hyperglycemia and retinopathy of prematurity in very low birth weight infants. *Journal of perinatology : official journal of the California Perinatal Association*, *23*(3), 186–194. https://doi.org/10.1038/sj.jp.7210879
- Gonzalez Villamizar, J. D., Haapala, J. L., Scheurer, J. M., Rao, R., & Ramel, S. E. (2020). Relationships between Early Nutrition, Illness, and Later Outcomes among Infants Born Preterm with Hyperglycemia. *The Journal of pediatrics*, *223*, 29–33.e2. https://doi.org/10.1016/j.jpeds.2020.04.038
- Hay, W. W., Jr, & Meznarich, H. K. (1988). Use of fetal streptozotocin injection to determine the role of normal levels of fetal insulin in regulating uteroplacental and umbilical glucose exchange. *Pediatric research*, *24*(3), 312–317. https://doi.org/10.1203/00006450-198809000-00007
- Limesand, S. W., Rozance, P. J., Zerbe, G. O., Hutton, J. C., & Hay, W. W., Jr (2006). Attenuated insulin release and storage in fetal sheep pancreatic islets with intrauterine growth restriction. *Endocrinology*, *147*(3), 1488–1497. https://doi.org/10.1210/en.2005-0900
- Marconi, A. M., Paolini, C., Buscaglia, M., Zerbe, G., Battaglia, F. C., & Pardi, G. (1996). The impact of gestational age and fetal growth on the maternal-fetal glucose concentration difference. *Obstetrics and gynecology*, *87*(6), 937–942. https://doi.org/10.1016/0029-7844(96)00048-8

- Meetze, W., Bowsher, R., Compton, J., & Moorehead, H. (1998). Hyperglycemia in extremely- low-birth-weight infants. *Biology of the neonate*, *74*(3), 214–221. https://doi.org/10.1159/000014027
- Mohsen, L., Abou-Alam, M., El-Dib, M., Labib, M., Elsada, M., & Aly, H. (2014). A prospective study on hyperglycemia and retinopathy of prematurity. *Journal of perinatology : official journal of the California Perinatal Association*, *34*(6), 453–457. https://doi.org/10.1038/jp.2014.49
- Naseh, N., Canto Moreira, N., Vaz, T. F., Gonzalez Tamez, K., Ferreira, H., Kaul, Y. F., Johansson, M., Diderholm, B., Ahlsson, F., Ågren, J., & Hellström-Westas, L. (2022). Early Hyperglycemia in Very Preterm Infants Is Associated with Reduced White Matter Volume and Worse Cognitive and Motor Outcomes at 2.5 Years. *Neonatology*, *119*(6), 745–752. https://doi.org/10.1159/000524923
- Picard, M., Juster, R. P., & McEwen, B. S. (2014). Mitochondrial allostatic load puts the 'gluc' back in glucocorticoids. *Nature reviews. Endocrinology*, *10*(5), 303–310. https://doi.org/10.1038/nrendo.2014.22
- Rozance, P. J., Limesand, S. W., Barry, J. S., Brown, L. D., & Hay, W. W., Jr (2009). Glucose replacement to euglycemia causes hypoxia, acidosis, and decreased insulin secretion in fetal sheep with intrauterine growth restriction. *Pediatric research*, *65*(1), 72–78. https://doi.org/10.1203/PDR.0b013e318189358c
- Rozance, P. J., Hay, W. W. Jr. (2010). Neonatal Hyperglycemia. *American Academy of Pediatrics*, *11*(11), e632-639. https://doi.org/10.1542/neo.11-11-e632
- Spies, E. E., Lababidi, S. L., & McBride, M. C. (2014). Early hyperglycemia is associated with poor gross motor outcome in asphyxiated term newborns. *Pediatric neurology*, *50*(6), 586–590. https://doi.org/10.1016/j.pediatrneurol.2014.01.043
- Stensvold, H. J., Lang, A. M., Strommen, K., Abrahamsen, T. G., Ogland, B., Pripp, A. H., & Ronnestad, A. E. (2018). Strictly controlled glucose infusion rates are associated with a reduced risk of hyperglycaemia in extremely low birth weight preterm infants. *Acta paediatrica (Oslo, Norway : 1992)*, *107*(3), 442–449. https://doi.org/10.1111/apa.14164
- Stensvold, H. J., Strommen, K., Lang, A. M., Abrahamsen, T. G., Steen, E. K., Pripp, A. H., & Ronnestad, A. E. (2015). Early Enhanced Parenteral Nutrition, Hyperglycemia, and

Death Among Extremely Low-Birth-Weight Infants. *JAMA pediatrics*, *169*(11), 1003–1010. https://doi.org/10.1001/jamapediatrics.2015.1667

- Stoll, B., Horst, D. A., Cui, L., Chang, X., Ellis, K. J., Hadsell, D. L., Suryawan, A., Kurundkar, A., Maheshwari, A., Davis, T. A., & Burrin, D. G. (2010). Chronic parenteral nutrition induces hepatic inflammation, steatosis, and insulin resistance in neonatal pigs. *The Journal of nutrition*, *140*(12), 2193–2200. https://doi.org/10.3945/jn.110.125799
- Thureen, P. J., Melara, D., Fennessey, P. V., & Hay, W. W., Jr (2003). Effect of low versus high intravenous amino acid intake on very low birth weight infants in the early neonatal period. *Pediatric research*, *53*(1), 24–32. https://doi.org/10.1203/00006450-200301000-00008
- Valverde, E., Pellicer, A., Madero, R., Elorza, D., Quero, J., & Cabañas, F. (2006). Dopamine versus epinephrine for cardiovascular support in low birth weight infants: analysis of systemic effects and neonatal clinical outcomes. *Pediatrics*, *117*(6), e1213–e1222. https://doi.org/10.1542/peds.2005-2108
- van der Lugt, N. M., Smits-Wintjens, V. E., van Zwieten, P. H., & Walther, F. J. (2010). Short and long term outcome of neonatal hyperglycemia in very preterm infants: a retrospective follow-up study. *BMC pediatrics*, *10*, 52. https://doi.org/10.1186/1471-2431-10-52
- Wang, Q., Fang, P., He, R., Li, M., Yu, H., Zhou, L., Yi, Y., Wang, F., Rong, Y., Zhang, Y., Chen, A., Peng, N., Lin, Y., Lu, M., Zhu, Y., Peng, G., Rao, L., & Liu, S. (2020). *O*-GlcNAc transferase promotes influenza A virus-induced cytokine storm by targeting interferon regulatory factor-5. *Science advances*, *6*(16), eaaz7086. https://doi.org/10.1126/sciadv.aaz7086
- Wang, A., Huen, S. C., Luan, H. H., Yu, S., Zhang, C., Gallezot, J. D., Booth, C. J., & Medzhitov, R. (2016). Opposing Effects of Fasting Metabolism on Tissue Tolerance in Bacterial and Viral Inflammation. *Cell*, *166*(6), 1512–1525.e12. https://doi.org/10.1016/j.cell.2016.07.026
- Wesolowski, S. R., & Hay, W. W., Jr (2016). Role of placental insufficiency and intrauterine growth restriction on the activation of fetal hepatic glucose production. *Molecular and cellular endocrinology*, *435*, 61–68. https://doi.org/10.1016/j.mce.2015.12.016

- Zamir, I., Stoltz Sjöström, E., Ahlsson, F., Hansen-Pupp, I., Serenius, F., & Domellöf, M. (2021). Neonatal hyperglycaemia is associated with worse neurodevelopmental outcomes in extremely preterm infants. *Archives of disease in childhood. Fetal and neonatal edition*, *106*(5), 460–466. https://doi.org/10.1136/archdischild-2020-319926

Advances in Neonatal Dialysis

- AJKDblog. (2022). #NephMadness 2022: Novel Devices in Neonatal Nephrology- The Times They Are a-Changing. *AJKDblog*. https://ajkdblog.org/2022/04/07/nephmadness-2022-novel-devices-in-neonatal-nephrology-the-times-they-are-a-changing/
- Askenazi, D., Ingram, D., White, S., Cramer, M., Borasino, S., Coghill, C., Dill, L., Tenney, F., Feig, D., & Fathallah-Shaykh, S. (2016). Smaller circuits for smaller patients: improving renal support therapy with Aquadex™. *Pediatric nephrology (Berlin, Germany)*, *31*(5), 853–860. https://doi.org/10.1007/s00467-015-3259-3
- Battista, J., De Luca, D., Eleni Dit Trolli, S., Allard, L., Bacchetta, J., Bouhamri, N., Enoch, C., Faudeux, C., Guichoux, J., Javouhey, E., Kolev, K., Regiroli, G., Ranchin, B., & Bernardor, J. (2023). CARPEDIEM® for continuous kidney replacement therapy in neonates and small infants: a French multicenter retrospective study. *Pediatric nephrology (Berlin, Germany)*, 10.1007/s00467-022-05871-0. Advance online publication. https://doi.org/10.1007/s00467-022-05871-0
- Bignall, O. N. R., 2nd, Harer, M. W., Sanderson, K. R., & Starr, M. C. (2021). Commentary on "Trends and Racial Disparities for Acute Kidney Injury in Premature Infants: the US National Database". *Pediatric nephrology (Berlin, Germany)*, *36*(9), 2587–2591. https://doi.org/10.1007/s00467-021-05062-3
- Cordova-Ramos, E. G., Kerr, S., Heeren, T., Drainoni, M. L., Garg, A., & Parker, M. G. (2022). National Prevalence of Social Determinants of Health Screening Among US Neonatal Care Units. *Hospital pediatrics*, *12*(12), 1040–1047. https://doi.org/10.1542/hpeds.2022-006767
- Elgendy, M. M., Othman, H. F., Younis, M., Puthuraya, S., Matar, R. B., & Aly, H. (2021). Trends and racial disparities for acute kidney injury in premature infants: the US national database. *Pediatric nephrology (Berlin, Germany)*, *36*(9), 2789–2795. https://doi.org/10.1007/s00467-021-04998-w

- Flair Espresso. Brew Guide, Espresso 101. *Flair Espresso*. https://flairespresso.com/espresso-101/
- Garzotto, F., Vidal, E., Ricci, Z., Paglialonga, F., Giordano, M., Laforgia, N., Peruzzi, L., Bellettato, M., Murer, L., & Ronco, C. (2020). Continuous kidney replacement therapy in critically ill neonates and infants: a retrospective analysis of clinical results with a dedicated device. *Pediatric nephrology (Berlin, Germany)*, *35*(9), 1699–1705. https://doi.org/10.1007/s00467-020-04562-y
- Goldstein, S. L., Vidal, E., Ricci, Z., Paglialonga, F., Peruzzi, L., Giordano, M., Laforgia, N., & Ronco, C. (2022). Survival of infants treated with CKRT: comparing adapted adult platforms with the Carpediem™. *Pediatric nephrology (Berlin, Germany)*, *37*(3), 667–675. https://doi.org/10.1007/s00467-021-05180-y
- Harshman, L. A., & Hooper, S. R. (2020). The brain in pediatric chronic kidney disease-the intersection of cognition, neuroimaging, and clinical biomarkers. *Pediatric nephrology (Berlin, Germany)*, *35*(12), 2221–2229. https://doi.org/10.1007/s00467-019-04417-1
- Jetton, J. G., & Askenazi, D. J. (2014). Acute kidney injury in the neonate. *Clinics in perinatology*, *41*(3), 487–502. https://doi.org/10.1016/j.clp.2014.05.001
- Jetton, J. G., Boohaker, L. J., Sethi, S. K., Wazir, S., Rohatgi, S., Soranno, D. E., Chishti, A. S., Woroniecki, R., Mammen, C., Swanson, J. R., Sridhar, S., Wong, C. S., Kupferman, J. C., Griffin, R. L., Askenazi, D. J., & Neonatal Kidney Collaborative (NKC) (2017). Incidence and outcomes of neonatal acute kidney injury (AWAKEN): a multicentre, multinational, observational cohort study. *The Lancet. Child & adolescent health*, *1*(3), 184–194. https://doi.org/10.1016/S2352-4642(17)30069-X
- Johnson, R. J., & Warady, B. A. (2013). Long-term neurocognitive outcomes of patients with end-stage renal disease during infancy. *Pediatric nephrology (Berlin, Germany)*, *28*(8), 1283–1291. https://doi.org/10.1007/s00467-013-2458-z
- Khanna, A., English, S. W., Wang, X. S., Ham, K., Tumlin, J., Szerlip, H., Busse, L. W., Altaweel, L., Albertson, T. E., Mackey, C., McCurdy, M. T., Boldt, D. W., Chock, S., Young, P. J., Krell, K., Wunderink, R. G., Ostermann, M., Murugan, R., Gong, M. N., Panwar, R., … ATHOS-3 Investigators (2017). Angiotensin II for the Treatment of

Vasodilatory Shock. *The New England journal of medicine*, *377*(5), 419–430. https://doi.org/10.1056/NEJMoa1704154

- McCulloch, M., Luyckx, V. A., Cullis, B., Davies, S. J., Finkelstein, F. O., Yap, H. K., Feehally, J., & Smoyer, W. E. (2021). Challenges of access to kidney care for children in low-resource settings. *Nature reviews. Nephrology*, *17*(1), 33–45. https://doi.org/10.1038/s41581-020-00338-7
- Menon, S., Broderick, J., Munshi, R., Dill, L., DePaoli, B., Fathallah-Shaykh, S., Claes, D., Goldstein, S. L., & Askenazi, D. J. (2019). Kidney Support in Children using an Ultrafiltration Device: A Multicenter, Retrospective Study. *Clinical journal of the American Society of Nephrology : CJASN*, *14*(10), 1432–1440. https://doi.org/10.2215/CJN.03240319
- Miller, J. L., Baschat, A. A., & Atkinson, M. A. (2022). Fetal Therapy for Renal Anhydramnios. *Clinics in perinatology*, *49*(4), 849–862. https://doi.org/10.1016/j.clp.2022.08.001
- Misurac J. (2017). Chronic kidney disease in the neonate: etiologies, management, and outcomes. *Seminars in fetal & neonatal medicine*, *22*(2), 98–103. https://doi.org/10.1016/j.siny.2016.09.003
- Montes-Tapia, F., Rodríguez-Taméz, A., Hernandez-Garduño, A., Barreto-Arroyo, I., Rodríguez-Balderrama, I., de la O-Cavazos, M., & Quero, J. (2013). Vascular assessment of the right internal jugular vein in low birth weight newborns. *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*, *26*(15), 1510–1513. https://doi.org/10.3109/14767058.2013.789853
- Moxey-Mims M. (2018). Kidney Disease in African American Children: Biological and Nonbiological Disparities. *American journal of kidney diseases : the official journal of the National Kidney Foundation*, *72*(5 Suppl 1), S17–S21. https://doi.org/10.1053/j.ajkd.2018.06.025
- Mul, D., Lequin, M., & Govaert, P. (2006). Bilateral renal agenesis, cerebral angiodysplasia and esophageal atresia. *European journal of paediatric neurology : EJPN*

: official journal of the European Paediatric Neurology Society, *10*(1), 23–26. https://doi.org/10.1016/j.ejpn.2005.09.001

- Munshi, R., Lee-Son, K., Hackbarth, R. M., Quigley, R., Sutherland, S. M., Echeverri, J., & Goldstein, S. L. (2020). Clinical evaluation of the Prismaflex™ HF 20 set and Prismaflex™ system 7.10 for acute continuous kidney replacement therapy (CKRT) in children. *Pediatric nephrology (Berlin, Germany)*, *35*(12), 2345–2352. https://doi.org/10.1007/s00467-020-04664-7
- National Institute of Diabetes and Digestive and Kidney Diseases. (2017). 2017 Annual Data Report: atlas of pediatric end-stage renal disease in the United States. *United States Renal Data System (USRDS)*. https://www.niddk.nih.gov/about-niddk/strategic-plans-reports/usrds
- North American Pediatric Renal Trials and Collaborative Studies (NAPRTCS). (2011). 2011 Annual Dialysis Report. *NAPRTCS*. https://naprtcs.org/system/files/2011_Annual_Dialysis_Report.pdf
- Purely Living. (2018). Are There Toxins in YOUR Tea?. *Purely Living, Blog*. https://www.purelyliving.life/purely-living-kombucha/2018/3/9/avoiding-toxins-in-tea
- Raina, R., McCulloch, M., Nourse, P., Sethi, S. K., & Yap, H. K. (2021). Advances in Kidney Replacement Therapy in Infants. *Advances in chronic kidney disease*, *28*(1), 91–104. https://doi.org/10.1053/j.ackd.2021.05.002
- Reichman, V., Brachio, S. S., Madu, C. R., Montoya-Williams, D., & Peña, M. M. (2021). Using rising tides to lift all boats: Equity-focused quality improvement as a tool to reduce neonatal health disparities. *Seminars in fetal & neonatal medicine*, *26*(1), 101198. https://doi.org/10.1016/j.siny.2021.101198
- Riddle, S. L., Polzin, W., & Kingma, P. (2018). Uncovering new physiology in bilateral renal agenesis following amnioinfusion. In: *Case Reports in Perinatal Medicine, De Gruyter*. https://doi.org/10.1515/crpm-2018-0037
- Rizzolo, K., & Cervantes, L. (2020). Immigration status and end-stage kidney disease: Role of policy and access to care. *Seminars in dialysis*, *33*(6), 513–522. https://doi.org/10.1111/sdi.12919
- Samoni, S., Husain-Syed, F., Villa, G., & Ronco, C. (2021). Continuous Renal Replacement Therapy in the Critically Ill Patient: From Garage Technology to Artificial

Intelligence. *Journal of clinical medicine*, *11*(1), 172. https://doi.org/10.3390/jcm11010172

- Sanderson, K. R., Warady, B., Carey, W., Tolia, V., Boynton, M. H., Benjamin, D. K., Jackson, W., Laughon, M., Clark, R. H., & Greenberg, R. G. (2022). Mortality Risk Factors among Infants Receiving Dialysis in the Neonatal Intensive Care Unit. *The Journal of pediatrics*, *242*, 159–165. https://doi.org/10.1016/j.jpeds.2021.11.025
- Sethi, S. K., Raina, R., Wazir, S., Agrawal, G., Vadhera, A., Nair, N., Soni, K., Tibrewal, A., & TINKER Working Group (2022). STARZ Neonatal AKI Risk Stratification Cut-off Scores for Severe AKI and Need for Dialysis in Neonates. *Kidney international reports*, *7*(9), 2108–2111. https://doi.org/10.1016/j.ekir.2022.06.020
- Slagle, C., Gist, K., Krallman, K., Morgan, J., & Menon, S. (2022). ICONIC- Improving Carpediem Outcomes in Neonates and Infants through Collaboration. *Center for Acute Care Nephrology, Cincinnati Children's Hospital Medical Center*. https://www.crrtonline.com/conference/posters_2022/85.Cara%20Slagle.pdf
- Snyder, A. N., Morgan, J. R., Krallman, K. A., & Goldstein, S. L. Neonatal modified Continuous Veno-venous Hemofiltration (mCVVH) via Aquadex: Measuring real time fluid balance. *Center for Acute Care Nephrology, Cincinnati Children's Hospital Medical Center*.
- Sohn, Y. B., Paik, K. H., Cho, H. Y., Kim, S. J., Park, S. W., Kim, E. S., Chang, Y. S., Park, W. S., Choi, Y. H., & Jin, D. K. (2012). Continuous renal replacement therapy in neonates weighing less than 3 kg. *Korean journal of pediatrics*, *55*(8), 286–292. https://doi.org/10.3345/kjp.2012.55.8.286
- Sutherland, S. M., Davis, A. S., Powell, D., Tanaka, J., Woo, M., Josephs, S., & Wong, C. J. (2022). Kidney Replacement Therapy in Low Birth Weight Preterm Newborns. *Pediatrics*, *150*(3), e2022056570. https://doi.org/10.1542/peds.2022-056570
- Teh, J. C., Frieling, M. L., Sienna, J. L., & Geary, D. F. (2011). Attitudes of caregivers to management of end-stage renal disease in infants. *Peritoneal dialysis international : journal of the International Society for Peritoneal Dialysis*, *31*(4), 459–465. https://doi.org/10.3747/pdi.2009.00265

- Twichell, S. A., Fiascone, J., Gupta, M., Prendergast, M., Rodig, N., & Hansen, A. (2017). A Regional Evaluation of Survival of Infants with End-Stage Renal Disease. *Neonatology*, *112*(1), 73–79. https://doi.org/10.1159/000456647
- van Stralen, K. J., Borzych-Dużalka, D., Hataya, H., Kennedy, S. E., Jager, K. J., Verrina, E., Inward, C., Rönnholm, K., Vondrak, K., Warady, B. A., Zurowska, A. M., Schaefer, F., Cochat, P., ESPN/ERA-EDTA registry, IPPN registry, ANZDATA registry, & Japanese RRT registry (2014). Survival and clinical outcomes of children starting renal replacement therapy in the neonatal period. *Kidney international*, *86*(1), 168–174. https://doi.org/10.1038/ki.2013.561
- Wightman A. (2020). Caregiver burden in pediatric dialysis. *Pediatric nephrology (Berlin, Germany)*, *35*(9), 1575–1583. https://doi.org/10.1007/s00467-019-04332-5

Updates on Chronic Hypertension and Pregnancy

- Abalos, E., Duley, L., Steyn, D. W., & Gialdini, C. (2018). Antihypertensive drug therapy for mild to moderate hypertension during pregnancy. *The Cochrane database of systematic reviews*, *10*(10), CD002252. https://doi.org/10.1002/14651858.CD002252.pub4
- American College of Obstetricians and Gynecologists' Committee on Practice Bulletins—Obstetrics (2019). ACOG Practice Bulletin No. 203: Chronic Hypertension in Pregnancy. *Obstetrics and gynecology*, *133*(1), e26–e50. https://doi.org/10.1097/AOG.0000000000003020
- Ananth, C. V., Duzyj, C. M., Yadava, S., Schwebel, M., Tita, A. T. N., & Joseph, K. S. (2019). Changes in the Prevalence of Chronic Hypertension in Pregnancy, United States, 1970 to 2010. *Hypertension (Dallas, Tex. : 1979)*, *74*(5), 1089–1095. https://doi.org/10.1161/HYPERTENSIONAHA.119.12968
- Bateman, B. T., Bansil, P., Hernandez-Diaz, S., Mhyre, J. M., Callaghan, W. M., & Kuklina, E. V. (2012). Prevalence, trends, and outcomes of chronic hypertension: a nationwide sample of delivery admissions. *American journal of obstetrics and gynecology*, *206*(2), 134.e1–134.e1348. https://doi.org/10.1016/j.ajog.2011.10.878
- Caritis, S., Sibai, B., Hauth, J., Lindheimer, M. D., Klebanoff, M., Thom, E., VanDorsten, P., Landon, M., Paul, R., Miodovnik, M., Meis, P., & Thurnau, G. (1998).

Low-dose aspirin to prevent preeclampsia in women at high risk. National Institute of Child Health and Human Development Network of Maternal-Fetal Medicine Units. *The New England journal of medicine*, *338*(11), 701–705. https://doi.org/10.1056/NEJM199803123381101

- Magee, L. A., Elran, E., Bull, S. B., Logan, A., & Koren, G. (2000). Risks and benefits of beta-receptor blockers for pregnancy hypertension: overview of the randomized trials. *European journal of obstetrics, gynecology, and reproductive biology*, *88*(1), 15–26. https://doi.org/10.1016/s0301-2115(99)00113-x
- Magee, L. A., Ornstein, M. P., & von Dadelszen, P. (1999). Fortnightly review: management of hypertension in pregnancy. *BMJ (Clinical research ed.)*, *318*(7194), 1332–1336. https://doi.org/10.1136/bmj.318.7194.1332
- Magee, L. A., von Dadelszen, P., Rey, E., Ross, S., Asztalos, E., Murphy, K. E., Menzies, J., Sanchez, J., Singer, J., Gafni, A., Gruslin, A., Helewa, M., Hutton, E., Lee, S. K., Lee, T., Logan, A. G., Ganzevoort, W., Welch, R., Thornton, J. G., & Moutquin, J. M. (2015). Less-tight versus tight control of hypertension in pregnancy. *The New England journal of medicine*, *372*(5), 407–417. https://doi.org/10.1056/NEJMoa1404595
- Muntner, P., Carey, R. M., Gidding, S., Jones, D. W., Taler, S. J., Wright, J. T., Jr, & Whelton, P. K. (2018). Potential U.S. Population Impact of the 2017 ACC/AHA High Blood Pressure Guideline. *Journal of the American College of Cardiology*, *71*(2), 109–118. https://doi.org/10.1016/j.jacc.2017.10.073
- Muntner, P., Carey, R. M., Gidding, S., Jones, D. W., Taler, S. J., Wright, J. T., Jr, & Whelton, P. K. (2018). Potential US Population Impact of the 2017 ACC/AHA High Blood Pressure Guideline. *Circulation*, *137*(2), 109–118. https://doi.org/10.1161/CIRCULATIONAHA.117.032582
- SMFM Publications Committee. Electronic address: pubs@smfm.org (2015). SMFM Statement: benefit of antihypertensive therapy for mild-to-moderate chronic hypertension during pregnancy remains uncertain. *American journal of obstetrics and gynecology*, *213*(1), 3–4. https://doi.org/10.1016/j.ajog.2015.04.013
- Tita, A. T., Szychowski, J. M., Boggess, K., Dugoff, L., Sibai, B., Lawrence, K., Hughes, B. L., Bell, J., Aagaard, K., Edwards, R. K., Gibson, K., Haas, D. M., Plante, L., Metz, T., Casey, B., Esplin, S., Longo, S., Hoffman, M., Saade, G. R., Hoppe, K. K., …

Chronic Hypertension and Pregnancy (CHAP) Trial Consortium (2022). Treatment for Mild Chronic Hypertension during Pregnancy. *The New England journal of medicine*, *386*(19), 1781–1792. https://doi.org/10.1056/NEJMoa2201295

- von Dadelszen, P., Ornstein, M. P., Bull, S. B., Logan, A. G., Koren, G., & Magee, L. A. (2000). Fall in mean arterial pressure and fetal growth restriction in pregnancy hypertension: a meta-analysis. *Lancet (London, England)*, *355*(9198), 87–92. https://doi.org/10.1016/s0140-6736(98)08049-0
- Whelton, P. K., Carey, R. M., Aronow, W. S., Casey, D. E., Jr, Collins, K. J., Dennison Himmelfarb, C., DePalma, S. M., Gidding, S., Jamerson, K. A., Jones, D. W., MacLaughlin, E. J., Muntner, P., Ovbiagele, B., Smith, S. C., Jr, Spencer, C. C., Stafford, R. S., Taler, S. J., Thomas, R. J., Williams, K. A., Sr, Williamson, J. D., … Wright, J. T., Jr (2018). 2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. *Journal of the American College of Cardiology*, *71*(19), e127–e248. https://doi.org/10.1016/j.jacc.2017.11.006

Evaluation and Management of the Infant Tracheostomy Patient

- Carr, M. M., Poje, C. P., Kingston, L., Kielma, D., & Heard, C. (2001). Complications in pediatric tracheostomies. *The Laryngoscope*, *111*(11 Pt 1), 1925–1928. https://doi.org/10.1097/00005537-200111000-00010
- Chorney, S. R., Patel, R. C., Boyd, A. E., Stow, J., Schmitt, M. M., Lipman, D., Dailey, J. F., Nhan, C., Giordano, T., & Sobol, S. E. (2021). Timing the First Pediatric Tracheostomy Tube Change: A Randomized Controlled Trial. *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*, *164*(4), 869–876. https://doi.org/10.1177/0194599820954137
- D'Souza, J. N., Levi, J. R., Park, D., & Shah, U. K. (2016). Complications Following Pediatric Tracheotomy. *JAMA otolaryngology-- head & neck surgery*, *142*(5), 484–488. https://doi.org/10.1001/jamaoto.2016.0173
- Gergin, O., Adil, E. A., Kawai, K., Watters, K., Moritz, E., & Rahbar, R. (2016). Indications of pediatric tracheostomy over the last 30 years: Has anything changed?.

International journal of pediatric otorhinolaryngology, *87*, 144–147. https://doi.org/10.1016/j.ijporl.2016.06.018

- Guirguis, F., Chorney, S. R., Wang, C., Lenes-Voit, F., Shah, G. B., Mitchell, R. B., & Johnson, R. F. (2022). Nationwide tracheostomy among neonatal admissions - A cross-sectional analysis. *International journal of pediatric otorhinolaryngology*, *152*, 110985. https://doi.org/10.1016/j.ijporl.2021.110985
- Jaryszak, E. M., Shah, R. K., Amling, J., & Peña, M. T. (2011). Pediatric tracheotomy wound complications: incidence and significance. *Archives of otolaryngology--head & neck surgery*, *137*(4), 363–366. https://doi.org/10.1001/archoto.2011.33
- Koltai P. J. (1998). Starplasty: a new technique of pediatric tracheotomy. *Archives of otolaryngology--head & neck surgery*, *124*(10), 1105–1111. https://doi.org/10.1001/archotol.124.10.1105
- Muller, R. G., Mamidala, M. P., Smith, S. H., Smith, A., & Sheyn, A. (2019). Incidence, Epidemiology, and Outcomes of Pediatric Tracheostomy in the United States from 2000 to 2012. *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*, *160*(2), 332–338. https://doi.org/10.1177/0194599818803598
- Pereira, K. D., Teplitzky, T. B., Zur, K. B., Preciado, D. A., Briddell, J. W., El Metwally, D., & Isaiah, A. (2021). Tracheostomy on infants born in the periviable period: Outcomes at discharge from the neonatal intensive care unit (NICU). *International journal of pediatric otorhinolaryngology*, *146*, 110746. https://doi.org/10.1016/j.ijporl.2021.110746
- Roberts, J., Powell, J., Begbie, J., Siou, G., McLarnon, C., Welch, A., McKean, M., Thomas, M., Ebdon, A. M., Moss, S., Agbeko, R. S., Smith, J. H., Brodlie, M., O'Brien, C., & Powell, S. (2020). Pediatric tracheostomy: A large single-center experience. *The Laryngoscope*, *130*(5), E375–E380. https://doi.org/10.1002/lary.28160
- Sautter, N. B., Krakovitz, P. R., Solares, C. A., & Koltai, P. J. (2006). Closure of persistent tracheocutaneous fistula following "starplasty" tracheostomy in children. *International journal of pediatric otorhinolaryngology*, *70*(1), 99–105. https://doi.org/10.1016/j.ijporl.2005.05.024

- Sioshansi, P. C., Balakrishnan, K., Messner, A., & Sidell, D. (2020). Pediatric tracheostomy practice patterns. *International journal of pediatric otorhinolaryngology*, *133*, 109982. https://doi.org/10.1016/j.ijporl.2020.109982
- Solares, C. A., Krakovitz, P., Hirose, K., & Koltai, P. J. (2004). Starplasty: revisiting a pediatric tracheostomy technique. *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*, *131*(5), 717–722. https://doi.org/10.1016/j.otohns.2004.04.022
- Strychowsky, J. E., Albert, D., Chan, K., Cheng, A., Daniel, S. J., De Alarcon, A., Garabedian, N., Hart, C., Hartnick, C., Inglis, A., Jacobs, I., Kleinman, M. E., Mehta, N. M., Nicollas, R., Nuss, R., Pransky, S., Russell, J., Rutter, M., Schilder, A., Thompson, D., … Rahbar, R. (2016). International Pediatric Otolaryngology Group (IPOG) consensus recommendations: Routine peri-operative pediatric tracheotomy care. *International journal of pediatric otorhinolaryngology*, *86*, 250–255. https://doi.org/10.1016/j.ijporl.2016.03.029
- Walner, D. L., Loewen, M. S., & Kimura, R. E. (2001). Neonatal subglottic stenosis--incidence and trends. *The Laryngoscope*, *111*(1), 48–51. https://doi.org/10.1097/00005537-200101000-00009
- Walsh, J., & Rastatter, J. (2018). Neonatal Tracheostomy. *Clinics in perinatology*, *45*(4), 805–816. https://doi.org/10.1016/j.clp.2018.07.014

The Current State of Diabetes in Pregnancy

- American Diabetes Association. (2021). Health Equity and Diabetes Technology: A Study of Access to Continuous Glucose Monitors by Payer and Race Executive Summary. *American Diabetes Association*. https://diabetes.org/sites/default/files/2021-11/ADA-CGM-Utilization-White-Paper.pdf
- Azeez, O., Kulkarni, A., Kuklina, E. V., Kim, S. Y., & Cox, S. (2019). Hypertension and Diabetes in Non-Pregnant Women of Reproductive Age in the United States. *Preventing chronic disease*, *16*, E146. https://doi.org/10.5888/pcd16.190105
- Cefalu, W. T., Dawes, D. E., Gavlak, G., Goldman, D., Herman, W. H., Van Nuys, K., Powers, A. C., Taylor, S. I., Yatvin, A. L., & Insulin Access and Affordability Working

Group (2018). Insulin Access and Affordability Working Group: Conclusions and Recommendations. *Diabetes care*, *41*(6), 1299–1311. https://doi.org/10.2337/dci18-0019

- Centers for Disease Control and Prevention. (2021). Age-Adjusted Prevalence of Diagnosed Diabetes and Obesity Among Adults, by County, United States (2004, 2009, 2014, 2019). *CDC's National Center for Chronic Disease Prevention and Health Promotion*. https://www.cdc.gov/diabetes/statistics/slides/maps_diabetesobesity_county-508.pdf
- Champaloux, S. W., Tepper, N. K., Curtis, K. M., Zapata, L. B., Whiteman, M. K., Marchbanks, P. A., & Jamieson, D. J. (2015). Contraceptive Use Among Women With Medical Conditions in a Nationwide Privately Insured Population. *Obstetrics and gynecology*, *126*(6), 1151–1159. https://doi.org/10.1097/AOG.0000000000001134
- Czeisler, M. E., Barrett, C. E., Siegal, K. R., et al. Health care access and utilization among adults with diabetes during the COVID-19 pandemic- United States, February to March 2021. *MMWR Morb Mortal Wkly Rep. 70*(46): 1597-1602. https://www.cdc.gov/mmwr/volumes/70/wr/mm7046a2.htm
- Danaei, G., Friedman, A. B., Oza, S., Murray, C. J., & Ezzati, M. (2009). Diabetes prevalence and diagnosis in US states: analysis of health surveys. *Population health metrics*, *7*, 16. https://doi.org/10.1186/1478-7954-7-16
- Easter, S. R., Robinson, J. N., Lieberman, E., & Carusi, D. (2017). Association of Intended Route of Delivery and Maternal Morbidity in Twin Pregnancy. *Obstetrics and gynecology*, *129*(2), 305–310. https://doi.org/10.1097/AOG.0000000000001844
- Egan, A. M., Carmody, L., Kirwan, B., Dunne, F. P., & Atlantic DIP Collaborators (2017). Care of women with diabetes before, during and after pregnancy: time for a new approach?. *Diabetic medicine : a journal of the British Diabetic Association*, *34*(6), 846–850. https://doi.org/10.1111/dme.13342
- Fang, M., Wang, D., Coresh, J., & Selvin, E. (2022). Undiagnosed Diabetes in U.S. Adults: Prevalence and Trends. *Diabetes care*, *45*(9), 1994–2002. https://doi.org/10.2337/dc22-0242
- Frieden T. R. (2010). A framework for public health action: the health impact pyramid. *American journal of public health*, *100*(4), 590–595. https://doi.org/10.2105/AJPH.2009.185652

- Gilmore, L. A., Klempel-Donchenko, M., & Redman, L. M. (2015). Pregnancy as a window to future health: Excessive gestational weight gain and obesity. *Seminars in perinatology*, *39*(4), 296–303. https://doi.org/10.1053/j.semperi.2015.05.009
- Glied, S. A., & Zhu, B. (2020). Not So Sweet: Insulin Affordability over Time. *The Commonwealth Fund*. https://www.commonwealthfund.org/publications/issue-briefs/2020/sep/not-so-sweet-insulin-affordability-over-time
- Gomez, H., DiTosto, J. D., Niznik, C. M., & Yee, L. M. (2021). Understanding Food Security as a Social Determinant of Diabetes-Related Health during Pregnancy. *American journal of perinatology*, 10.1055/s-0041-1740194. Advance online publication. https://doi.org/10.1055/s-0041-1740194
- Gottesman, B. L., Yu, J., Tanaka, C., Longhurst, C. A., & Kim, J. J. (2022). Incidence of New-Onset Type 1 Diabetes Among US Children During the COVID-19 Global Pandemic. *JAMA pediatrics*, *176*(4), 414–415. https://doi.org/10.1001/jamapediatrics.2021.5801
- Herkert, D., Vijayakumar, P., Luo, J., Schwartz, J. I., Rabin, T. L., DeFilippo, E., & Lipska, K. J. (2019). Cost-Related Insulin Underuse Among Patients With Diabetes. *JAMA internal medicine*, *179*(1), 112–114. https://doi.org/10.1001/jamainternmed.2018.5008
- Kahr, M. K., Suter, M. A., Ballas, J., Ramin, S. M., Monga, M., Lee, W., Hu, M., Shope, C. D., Chesnokova, A., Krannich, L., Griffin, E. N., Mastrobattista, J., Dildy, G. A., Strehlow, S. L., Ramphul, R., Hamilton, W. J., & Aagaard, K. M. (2016). Geospatial analysis of food environment demonstrates associations with gestational diabetes. *American journal of obstetrics and gynecology*, *214*(1), 110.e1–110.e1109. https://doi.org/10.1016/j.ajog.2015.08.048
- Kazemian, P., Shebl, F. M., McCann, N., Walensky, R. P., & Wexler, D. J. (2019). Evaluation of the Cascade of Diabetes Care in the United States, 2005-2016. *JAMA internal medicine*, *179*(10), 1376–1385. https://doi.org/10.1001/jamainternmed.2019.2396
- Peterson, C., Grosse, S. D., Li, R., Sharma, A. J., Razzaghi, H., Herman, W. H., & Gilboa, S. M. (2015). Preventable health and cost burden of adverse birth outcomes associated with pregestational diabetes in the United States. *American journal of*

obstetrics and gynecology, *212*(1), 74.e1–74.e749. https://doi.org/10.1016/j.ajog.2014.09.009

- Powe, C. E., & Carter, E. B. (2021). Racial and Ethnic Differences in Gestational Diabetes: Time to Get Serious. *JAMA*, *326*(7), 616–617. https://doi.org/10.1001/jama.2021.7520
- Restrepo B. J. (2022). Obesity Prevalence Among U.S. Adults During the COVID-19 Pandemic. *American journal of preventive medicine*, *63*(1), 102–106. https://doi.org/10.1016/j.amepre.2022.01.012
- Schwarz, E. B., Braughton, M. Y., Riedel, J. C., Cohen, S., Logan, J., Howell, M., & Thiel de Bocanegra, H. (2017). Postpartum care and contraception provided to women with gestational and preconception diabetes in California's Medicaid program. *Contraception*, *96*(6), 432–438. https://doi.org/10.1016/j.contraception.2017.08.006
- Shah, N. S., Wang, M. C., Freaney, P. M., Perak, A. M., Carnethon, M. R., Kandula, N. R., Gunderson, E. P., Bullard, K. M., Grobman, W. A., O'Brien, M. J., & Khan, S. S. (2021). Trends in Gestational Diabetes at First Live Birth by Race and Ethnicity in the US, 2011-2019. *JAMA*, *326*(7), 660–669. https://doi.org/10.1001/jama.2021.7217
- Venkatesh, K. K., Lynch, C. D., Powe, C. E., Costantine, M. M., Thung, S. F., Gabbe, S. G., Grobman, W. A., & Landon, M. B. (2022). Risk of Adverse Pregnancy Outcomes Among Pregnant Individuals With Gestational Diabetes by Race and Ethnicity in the United States, 2014-2020. *JAMA*, *327*(14), 1356–1367. https://doi.org/10.1001/jama.2022.3189
- Wahabi, H. A., Alzeidan, R. A., Bawazeer, G. A., Alansari, L. A., & Esmaeil, S. A. (2010). Preconception care for diabetic women for improving maternal and fetal outcomes: a systematic review and meta-analysis. *BMC pregnancy and childbirth*, *10*, 63. https://doi.org/10.1186/1471-2393-10-63
- Yee, L. M., McGuire, J. M., Taylor, S. M., Niznik, C. M., & Simon, M. A. (2015). “I Was Tired of All the Sticking and Poking”: Identifying Barriers to Diabetes Self-Care Among Low-Income Pregnant Women. In: *Journal of Health Care for the Poor and Underserved,* pp. 926-940. https://doi.10.1353/hpu.2015.0073
- Zanardo, V., Tortora, D., Sandri, A., Severino, L., Mesirca, P., & Straface, G. (2022). COVID-19 pandemic: Impact on gestational diabetes mellitus prevalence. *Diabetes*

research and clinical practice, *183*, 109149.
https://doi.org/10.1016/j.diabres.2021.109149