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CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Pediatric Radiology
- Pediatric Interventional Radiology

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Radiology, American Board of Radiology (2019)
- Fellowship: Children's Hospital of Philadelphia Dept of Radiology (2019) PA
- Fellowship: Children's Hospital of Philadelphia Dept of Radiology (2018) PA
- Board Certification: Diagnostic Radiology, American Board of Radiology (2018)
- Board Certification: Diagnostic Radiology, American Osteopathic Board of Radiology (2017)
- Residency: Wayne State University Radiology Residency (2017) MI
- Internship: Detroit Medical Center Transitional Residency (2013) MI
- Medical Education: University of Northern Texas College of Osteopathic Medicine (2012) TX

Publications

PUBLICATIONS

- **Trametinib Therapy for Hypertrophic Cardiomyopathy and Pulmonary Hypertension in a Child With RAF1-Related Noonan Syndrome (p.Ser257Leu): A Case Report.** *Clinical case reports*

  Nilsson, C. N., Aljohani, O. A., Smith, M. A., Durand, R., Sheyanth, I. N., Nawaytou, H., Stieglitz, E., Valle, R., Datar, S. A.

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- **Alpelisib, a PI3Kα inhibitor, effectively treats vascular anomalies with diverse genotypes and phenotypes.** *Blood vessels, thrombosis & hemostasis*

  Pithadia, D. J., Heskel, M. J., Shotayev, A., Davda, S., Durand, R., Cooke, D., Czechowicz, J., Lesh, M., Cornett, P., Shimano, K. A., Mathes, E. F., Frieden, I. J., Apsel Winger, et al

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- **3D steady-state free precession in fetal body MR imaging: A useful adjunctive sequence.** *Acta radiologica open*
  Leesmidt, K., Liu, A., Poder, L., Durand, R., Glenn, O., Li, Y., Courtier, J.
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- **Assessment of superior mesenteric vascular flow quantitation in children using four-dimensional flow magnetic resonance imaging: A feasibility study** *WORLD JOURNAL OF RADIOLOGY*
  Leesmidt, K., Vakil, P., Verstraete, S., Liu, A. R., Durand, R., Courtier, J.
  2025; 17 (2): 99333

- **The Sensitivity of Limited-Sequence MRI in Identifying Pediatric Cervical Spine Injury: A Western Pediatric Surgery Research Consortium Multicenter Retrospective Cohort Study.** *The journal of trauma and acute care surgery*
  Melhado, C., Durand, R., Russell, K. W., Polukoff, N. E., Rampton, J., Iyer, R. R., Acker, S. N., Koehler, R., Prendergast, C., Stence, N., O'Neill, B., Padilla, B. E., Jamshidi, et al
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- **Cervical Collar-Associated Pressure Injury in Pediatric Trauma Patients: A Western Pediatric Surgery Research Consortium Study.** *Journal of pediatric surgery*
  Melhado, C., Russell, K. W., Acker, S. N., Padilla, B. E., Lofberg, K., Spurrier, R. G., Robinson, B., Chao, S., Ignacio, R. C., Ryan, M., Jensen, A. R.
  2023

- **Central venous access in children: Placement trends over the last decade.** *Clinical imaging*
  Gaballah, M., Durand, R., Srinivasan, A., Katcoff, H., Cahill, A. M., Otero, H. J.
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- **Bowel perforation following percutaneous sclerotherapy of an intra-abdominal lymphatic malformation.** *Pediatric radiology*
  Durand, R. E., Heye, P., Cahill, A. M., Laje, P., Srinivasan, A. S.
  2022; 52 (8): 1592-1595

- **Torso vascular trauma.** *Seminars in pediatric surgery*
  Evans, L. L., Aarabi, S., Durand, R., Upperman, J. S., Jensen, A. R.
  2021; 30 (6): 151126

- **Validation of computed tomography angiography as a complementary test in the assessment of renal artery stenosis: a comparison with digital subtraction angiography.** *Pediatric radiology*
  Fleury, A. S., Durand, R. E., Cahill, A. M., Zhu, X., Meyers, K. E., Otero, H. J.
  2021; 51 (13): 2507-2520

- **Contrast-enhanced ultrasound in pediatric interventional radiology.** *Pediatric radiology*
  Acord, M. R., Cahill, A. M., Durand, R., Huang, D. Y., Shellikeri, S., Vatsky, S., Srinivasan, A.
  2021; 51 (12): 2396-2407

- **MRI for Response Assessment of Extensive Lymphatic Malformations in Children Treated With Sirolimus.** *AJR. American journal of roentgenology*
  Durand, R., Reid, J. R., Belasco, J. B., Shellikeri, S., Calle-Toro, J. S., Cahill, A. M., Srinivasan, A.
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- **Implantable venous access devices in children with severe hemophilia: a tertiary pediatric institutional experience.** *Pediatric radiology*
  Bedoya, M. A., Raffini, L., Durand, R., Acord, M. R., Srinivasan, A., Krishnamurthy, G., Vatsky, S., Escobar, F., Cahill, A. M.
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- **Postpyloric Balloon Occlusion to Increase Technical Success during Pediatric Percutaneous Gastrostomy/Gastrojejunostomy Tube Placement.** *Journal of vascular and interventional radiology : JVIR*
  Durand, R., Cahill, A. M., Shellikeri, S., Acord, M.
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