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Bio

CLINICAL FOCUS

- Pediatric Radiology

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Radiology - Pediatric Radiology

PROFESSIONAL EDUCATION

- Fellowship: Children's Hospital of Philadelphia Dept of Radiology (2015) PA
- Fellowship: Children's Hospital of Philadelphia Dept of Radiology (2013) PA
- Fellowship: Children's Hospital of Philadelphia Dept of Radiology (2012) PA
- Residency: Brigham and Women's Hospital and Harvard Nuclear Medicine Residency MA
- Board Certification: Neuroradiology, American Board of Radiology (2018)
- Medical Education: Cairo University Faculty of Medicine Office of the Registrar (1996) Egypt
- Board Certification: Nuclear Medicine, American Board of Nuclear Medicine (2016)
- Board Certification: Diagnostic Radiology, American Board of Radiology (2015)
- Fellowship: Hospital of the University of Pennsylvania (2014) PA
- Residency: Cairo University Hospitals (2001) Egypt
- Internship: Cairo University Hospitals (1998) Egypt

Publications

PUBLICATIONS

- **Longitudinal Neuroimaging in Pediatric Coccidioidomycosis: Full Spectrum of Brain, Spine and Head and Neck Findings.** *AJNR. American journal of neuroradiology*

  Chambers, S., Esmeraldo, M. A., Moeremans, M., Halverson, M., Soares, B. P., Dahmoush, H., Geraldo, A. F.

  2026

- **Image quality evaluation of neonatal brain magnetic resonance imaging using a deep learning reconstruction algorithm: A quantitative and multireader study using variable denoising levels at 3 tesla.** *Journal of clinical imaging science*

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- **A Comprehensive 2.5-Minute Brain MRI Protocol in the Pediatric Emergency Department: Diagnostic Evaluation of the Multicontrast NeuroMix Sequence.** *AJNR. American journal of neuroradiology*
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  2026
- **Knobloch Syndrome in Childhood: Neuroradiologic Findings and Clinical Correlation.** *Journal of child neurology*
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- **ACR Appropriateness Criteria Hydrocephalus-Child.** *Journal of the American College of Radiology : JACR*
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- **Fetal Dural Sinus Malformation: Prenatal Diagnosis and Follow-up With Thrombus Resolution and Associated Developmental Venous Anomalies.** *Journal of child neurology*
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- **Differentiating Incidental From Pathologic Brain MRI Findings in Asymptomatic Boys With X-Linked Adrenoleukodystrophy: A Multicenter Study.** *Neurology*
  Srivastava, I. N., Kim, D. H., Gauna, J., Videbæk, C., Corwin, N., Chang, S., Cheng, J., Dahmoush, H., Loes, D. J., Mallack, E. J., Van Haren, K. P.
  2025; 105 (10): e214321
- **Prenatal Diagnosis of VLDLR-associated Cerebellar Hypoplasia via Fetal MRI.** *Neuropediatrics*
  Povlow, M. R., Esmeraldo, M. A., Dahmoush, H. M., Halverson, M. R., Barsh, G. R., Soares, B. P.
  2025
- **Radiographic Severity of Neonatal Deep Medullary Venous Thrombosis Is Associated with Neurodevelopmental Impairment.** *The Journal of pediatrics*
  Pal, R., Barsh, G. R., Luo, I., Dahmoush, H., Lee, S., Mayne, E.
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- **Fistulograms for the management of recurrent and atypical congenital neck anomalies.** *International journal of pediatric otorhinolaryngology*
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- **Role of Neuroimaging in Cancer-Treatment Neurotoxicity.** *AJR. American journal of roentgenology*
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- **Acute Encephalopathy With Biphasic Seizures and Late Reduced Diffusion in a Child With Severe Coronavirus Disease 2019.** *Pediatric neurology*
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- **Prenatal Imaging of Supratentorial Fetal Brain Malformation.** *Magnetic resonance imaging clinics of North America*
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- **Incomplete partition type II in its various manifestations: isolated, in association with EVA, syndromic, and beyond; a multicentre international study.** *Neuroradiology*
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- **ACR Appropriateness Criteria Orbital Imaging and Vision Loss-Child.** *Journal of the American College of Radiology : JACR*
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  Guimaraes, C. V., Dahmoush, H. M.
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- **Binasal Visual Field Defects in a Child with Acute Necrotizing Encephalopathy**
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- **Imaging of temporal bone inflammations in children: a pictorial review.** *Neuroradiology*
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- **Rare Saposin A deficiency: Novel variant and psychosine analysis.** *Molecular genetics and metabolism*
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- **Pediatric Central Nervous System Imaging of Nonaccidental Trauma: Beyond Subdural Hematomas** *RADIOGRAPHICS*
  Gunda, D., Cornwell, B. O., Dahmoush, H. M., Jazbeh, S., Alleman, A. M.
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