

Hisham Dahmouh

Clinical Associate Professor, Radiology - Pediatric Radiology

CLINICAL OFFICE (PRIMARY)

- **LPCH Radiology**

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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

- **Fetal Dural Sinus Malformation: Prenatal Diagnosis and Follow-up With Thrombus Resolution and Associated Developmental Venous Anomalies.** *Journal of child neurology*
Esmeraldo, M. A., Chambers, S., Geraldo, A. F., Dahmouh, H. M., Soares, B. P.
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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., Dahmouh, H., Loes, D. J., Mallack, E. J., Van Haren, K. P.
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- **Prenatal Diagnosis of VLDLR-associated Cerebellar Hypoplasia via Fetal MRI.** *Neuropediatrics*
Povlow, M. R., Esmeraldo, M. A., Dahmouh, 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., Dahmouh, 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*
Penaranda, D., Qian, J., Hasnie, S., Bertino, F., Soares, B., Dahmouh, H. M., Taufique, Z., Truong, M. T.
2025; 196: 112457
- **Role of Neuroimaging in Cancer-Treatment Neurotoxicity.** *AJR. American journal of roentgenology*
Hassankhani, A., Bagley, S. J., Dahmouh, H., Parsons, M. S., Nabavizadeh, A.
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- **ACR Appropriateness Criteria® Back Pain-Child: 2024 Update.** *Journal of the American College of Radiology : JACR*
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2025; 22 (5S): S79-S107
- **Fetal MRI of Prenatal Scalp Lesions: A Pictorial Essay.** *Seminars in ultrasound, CT, and MR*
Wilke, F., Siala, S., Dahmouh, H., Kline-Fath, B. M., Guimaraes, C. V.
2025
- **Neonatal deep medullary venous thrombosis radiographic severity is associated with neurodevelopmental impairment.** *medRxiv : the preprint server for health sciences*
Pal, R., Barsh, G. R., Luo, I., Dahmouh, H., Lee, S., Mayne, E.
2025
- **Acute Encephalopathy With Biphasic Seizures and Late Reduced Diffusion in a Child With Severe Coronavirus Disease 2019.** *Pediatric neurology*
Segal, J. B., Dahmouh, H.
2024; 163: 93-95
- **Pallister-Killian Syndrome.** *NeoReviews*
Chitkara, R., Chock, V., Barth, R., Dahmouh, H., Smith, C., Matalon, D. R., Herring, M., Hintz, S.
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- **Response assessment in pediatric neurooncology (RAPNO) criteria revisited: a practical navigation guide for neuroradiologists.** *Neuroradiology*
Geraldo, A. F., Maldonado, F., Severino, M., Mankad, K., Dahmouh, H., Soares, B., Rugilo, C., Rossi, A.
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- **Child Neurology: Remarkable Recovery From Severe Acute Necrotizing Encephalopathy.** *Neurology*
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- **Brain Magnetic Resonance Imaging of Neonatal Hypoglycemia: Assessing Injury Extent and Potential Cause.** *Neuropediatrics*
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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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- **Isolated Sixth Nerve Palsies in a Child With Familial Hemophagocytic Lymphohistiocytosis Type 2.** *Journal of neuro-ophthalmology : the official journal of the North American Neuro-Ophthalmology Society*
Chiang, H. H., Fernandez-Pol, S., Bae, G. H., Rieger, K. E., Dahmouch, H. M., Beres, S. J.
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- **Classification and neuroimaging of ependymal tumors.** *Frontiers in pediatrics*
Mu, W., Dahmouch, H.
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- **Imaging of pediatric brain tumors: A COG Diagnostic Imaging Committee/SPR Oncology Committee/ASPNR White Paper.** *Pediatric blood & cancer*
Jaju, A., Li, Y., Dahmouch, H., Gottardo, N. G., Laughlin, S., Mirsky, D., Panigrahy, A., Sabin, N. D., Shaw, D., Storm, P. B., Poussaint, T. Y., Patay, Z., Bhatia, et al
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- **Fetal Brain Anatomy.** *Neuroimaging clinics of North America*
Guimaraes, C. V., Dahmouch, H. M.
2022; 32 (3): 663-681
- **NEUROIMAGING FINDINGS IN INBORN ERRORS OF METABOLISM: ATYPICAL FINDINGS FROM FIVE CASES AFFECTED BY SMALL MOLECULE DISORDERS**
Morales, J., Dahmouch, H., Enns, G.
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- **Attention-guided deep learning for gestational age prediction using fetal brain MRI.** *Scientific reports*
Shen, L., Zheng, J., Lee, E. H., Shpanskaya, K., McKenna, E. S., Atluri, M. G., Plasto, D., Mitchell, C., Lai, L. M., Guimaraes, C. V., Dahmouch, H., Chueh, J., Halabi, et al
1800; 12 (1): 1408
- **Neuroradiological Mimics of Periventricular Leukomalacia.** *Journal of child neurology*
Reddy, N., Doyle, M., Hanagandi, P., Taranath, A., Dahmouch, H., Krishnan, P., Oztekin, O., Boltshauser, E., Shroff, M., Mankad, K.
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- **Neuroimaging manifestations of epidermal nevus syndrome.** *Quantitative imaging in medicine and surgery*
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2021; 11 (1): 415-22
- **Magnetic resonance imaging of the fetal musculoskeletal system.** *Pediatric radiology*
Chauvin, N. A., Victoria, T., Khwaja, A., Dahmouch, H., Jaramillo, D.
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- **Imaging phenotype correlation with molecular and molecular pathway defects in malformations of cortical development.** *Pediatric radiology*
Guimaraes, C. V., Dahmouch, H. M.
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- **Binasal Visual Field Defects in a Child with Acute Necrotizing Encephalopathy**
Liu, Y., Dahmouch, H., Beres, S.
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- **Imaging of temporal bone inflammations in children: a pictorial review.** *Neuroradiology*
Campion, T. n., Taranath, A. n., Pinelli, L. n., Ugga, L. n., Nash, R. n., Talenti, G. n., Dahmouch, H. n., D'Arco, F. n.
2019

- **Rare Saposin A deficiency: Novel variant and psychosine analysis.** *Molecular genetics and metabolism*
Calderwood, L. n., Wenger, D. A., Matern, D. n., Dahmouh, H. n., Watiker, V. n., Lee, C. n.
2019
- **Pediatric Central Nervous System Imaging of Nonaccidental Trauma: Beyond Subdural Hematomas** *RADIOGRAPHICS*
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- **Pediatric Central Nervous System Imaging of Nonaccidental Trauma: Beyond Subdural Hematomas.** *Radiographics : a review publication of the Radiological Society of North America, Inc*
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- **Lobular capillary hemangioma of the mandible: A case report** *CLINICAL IMAGING*
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- **Lobular capillary hemangioma of the mandible: A case report.** *Clinical imaging*
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- **Pretransplant functional imaging and outcome in pediatric patients with relapsed/refractory Hodgkin lymphoma undergoing autologous transplantation.** *Pediatric blood & cancer*
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- **Pretransplant functional imaging and outcome in pediatric patients with relapsed/refractory Hodgkin lymphoma undergoing autologous transplantation** *PEDIATRIC BLOOD & CANCER*
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2018; 65 (1)
- **Multimodality imaging findings of massive ovarian edema in children.** *Pediatric radiology*
Dahmouh, H., Anupindi, S. A., Pawel, B. R., Chauvin, N. A.
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