

Soniya Naomi Pinto, M.B.B.S.
St. Jude Children's Research Hospital
262 Danny Thomas Place
Mail Stop 220
Memphis, TN 38105
(901) 595-6658
soniya.pinto@stjude.org

1. Current Position at St Jude

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| Instructor Co-director Oncologic Imaging education St. Jude Children's Research Hospital Memphis, TN 38105 | Jul 2022-Present |
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2. Education and Training

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| M.B.B.S. | Bachelor of Medicine, Bachelor of Surgery Padmashree Dr. D.Y. Patil Medical College | Jun 2006 – Apr 2012 |
| Pre-Med | Jai Hind College Mumbai, India | Jun 2004 – Jun 2005 |

3. Professional Career

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| Preparation for USMLE Examinations | Apr – Sept 2012 |
| Research Fellow Weill Cornell Medical College Department of Neuroradiology New York, NY | Sept 2012 – Jun 2014 |
| General Surgery Resident University of Illinois, Chicago Metropolitan Group Hospitals Chicago, IL | Jun 2014 – Jun 2016 |
| Diagnostic Radiology Resident St. Vincent's Hospital University of Massachusetts Medical School Worcester, MA | Jul 2016 – Jun 2020 |
| Neuroradiology Co-Chief Fellow University of Southern California Keck School of Medicine Los Angeles, CA | Jul 2020 – June 2021 |
| Pediatric Neuroradiology Fellow Children's Hospital of Los Angeles | Jul 2021 – Jul 2022 |

4. Certifications and Licensure

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| Educational Commission for Foreign Medical Graduates (ECFMG) | Apr 2013 |
| Basic Life Support | Jan 2022 – Jan 2024 |
| Advanced Cardiac Life Support | Apr 2022 – Apr 2024 |
| American Board of Radiology Certificate Number: 76938 | Sept 2021 |
| Medical Board of Tennessee License number: 65006 Expiration Date: March 31, 2024 | Mar 2022 |

5. Professional Memberships

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| Radiology Society of North American (RSNA) | Jun 2016 – Present |
| American Society of Neuroradiology (ASNR) | Sept 2020 – Present |
| Society of Pediatric Radiology (SPR) | Jul 2022 – Present |
| American Society of Functional Neuroradiology (ASFNR) | Jan 2022 – Present |
| American Society of Pediatric Neuroradiology (ASPNR) | Sept 2021 – Present |

6. Honors and Awards

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| Gold medal for highest score in Ophthalmology | Apr 2012 |
| Gold medal for highest total score in 3 rd M.B.B.S. Distinctions in Pharmacology, Microbiology, Otorhinolaryngology, and Preventative and Social Medicine | Apr 2012 |
| CHLA Core Pilot Research Award | Jan 2022 |

7. Publication Record

i. Original Research Articles

1. **Pinto S**, Reddy SN, Horrow MM, Ortiz J. (2014). Splenic artery syndrome after orthotopic liver transplantation: A review. *International Journal of Surgery*, 12(11), 1228-1234.
2. Chiang GC, **Pinto S**, Comunale JP, Gauthier SA. (2016). Gadolinium-Enhancing Lesions Lead to Decreases in White Matter Tract Fractional Anisotropy in Multiple Sclerosis. *Journal of Neuroimaging*, 26(3), 289-295.

3. **Pinto S**, Lerner T, Lingamaneni G, Richards K. (2016) Superior mesenteric vein thrombosis as a complication of cecal diverticulitis: A case report. *International Journal of Surgery, Case Reports*, 25, 71-74.
4. **Pinto S**, Jantre M, Prendergast M. (2017). Ruptured superficial femoral artery aneurysm: A case report. *Radiology case reports*, 1292), 244-246.
5. Lal A, Akhtar J, **Pinto S**, Grewal H, Martin K. (2018). Recurrent Pulmonary Embolism and Hypersensitivity Pneumonitis Secondary to Aspergillus, in a Compost Plant Worker: Case Report and Review of Literature. *Lung*, 1-8.
6. **Pinto SN**, Lerner A, Phung D, Barisano G, Chou B, Xu W, Sheikh-Bahaei N. Arterial Spin Labeling in Migraine: A Review of Migraine Categories and Mimics. *Journal of Central Nervous System Disease*. 2023 Feb 24; 15:11795735231160032.
7. Zhang S, McAfee SS, Patay Z, **Pinto S**, Scoggins MA. Automatic detection and segmentation of postoperative cerebellar damage based on normalization. *Neuro-Oncology Advances*. 2023 Jan;5(1).
8. Xu WJ, Barisano G, Phung D, Chou B, **Pinto SN**, Lerner A, Sheikh-Bahaei N. Structural MRI in Migraine: A Review of Migraine Vascular and Structural Changes in Brain Parenchyma. *Journal of Central Nervous System Disease*. 2023 Mar 21; 15:11795735231167868.
9. **Pinto SN**, Liu CS, Nelson Jr MD, Bluml S, Livingston D, Tamrazi B. Neuroimaging of complications arising after CD19 chimeric antigen receptor T-cell therapy: A review. *Journal of Neuroimaging*. 2023 Jun 16.
10. **Pinto SN**, Chiang J, Qaddoumi I, Livingston D, Bag A. Pediatric Diencephalic tumors: a constellation of entities and treatment modalities. *Frontiers in Oncology*. 2023.
11. Chiang J, Bagchi A, Li X, Dhanda SK, Huang J, **Pinto SN**, Dalton ES, Tatevossian RS, et al. (2022). High-grade glioma in young children is histologically, molecularly, and clinically diverse—Results from the SJYC07 trial and institutional experience. *Neuro-oncology*. 2023.

ii. Submitted Articles in Peer Reviewed Journals

1. Yoo K, Chiarelli P, **Pinto S**, Tamrazi B, Chang M. (2022) Visual and oculomotor outcomes in children with craniopharyngioma based on treatment. *Neuro-oncology*. Status: submitted, under review.

iii. Book Chapters and Monographs

1. **Pinto SN**, Chasen ST, Heier LA. (2017). Imaging of the Fetal Brain and Spine. In *Common Neurosurgical Conditions in the Pediatric Practice*, (pp. 201-231). Springer, New York, NY.

2. Heier LA, **Pinto SN**. (2017). Image Gently: Minimizing Radiation Exposure in Children. In *Common Neurosurgical Conditions in the Pediatric Practice*, (pp. 279-297). Springer, New York, NY.

8. Presentations

A. Oral /Poster Presentations

1. Ahmad G, **Pinto S**, Bader D, Prakash P. Radiologists as consultants in providing imaging decision support for appropriate utilization of inpatient MRIs. American College of Radiology Annual Meeting, Washington DC, April 2017.
2. **Pinto S**, Jubouri S, Shoela R, Anand C, Midkiff B. Distinguishing Linitis Plastica from its mimics, A CT Review. Radiology Society of North America Annual Meeting, Chicago IL, November 2017.
3. Mohammed A, **Pinto S**, Midkiff B, Burd D. An MRI Timeline of White Matter Disease: Diasability at 30? American Roentgen Ray Society, Honolulu HI, May 2019.
4. **Pinto S**, Prakash P. The diagnostic challenges of a spinal arachnoid cyst. American Society of Spine Radiology, Dana Point, CA, February 2020.
5. Raman A, **Pinto S**, Patel V, Acharya J, Rajamohan A. An image-guided atlanto-axial facet joint injection. American Society of Spine Radiology, February 2021.
6. **Pinto S**, Rajamohan A, Acharya J, Patel V, Liu CS, Lu T, Torres F, Go J. The many faces and mimics of atypical skull base meningiomas. American Society of Neuroradiology, May 2021.
7. See K, **Pinto S**, Rajamohan A. Cross-border Teleradiology in Haiti as an element of training in Neuroradiology fellowship. American Society of Neuroradiology, May 2021.
8. **Pinto S**, Liu CJ, Patel V, Tamrazi B. The neurological complications of CD19 CAR-T cell therapy. American Society of Pediatric Neuroradiology, January 2022.
9. Yoo K, **Pinto S**, Tamrazi B, Borchert M, Change M. Visual and oculomotor outcomes in children with craniopharyngioma by initial treatment modality. North American Neuro-ophthalmology Society, October 2022.
10. **Pinto S**, Bag A, Geng M, Martin J, Tamrazi B, Liu CJ, Talleur A. ADC can detect altered brain microstructure in CD19 CAR-T cell recipients. American Society of Pediatric Neuroradiology, January 2023.

9. Invited Journal Reviewer

1. *BMC Pediatrics*, January 2022.

2. *Pediatric Radiology*, February 2023.
3. *SN comprehensive clinical medicine*, April 2023.

10. Institutional protocols:

1. **ADC CAR-T:** A retrospective review of Apparent diffusion coefficient (ADC) changes in CD19 CAR-T cell recipients at 2 pediatric hospitals.
Status: Principal Investigator
2. **MEDULLOPET:** a retrospective review of clinical, molecular, and imaging features of medulloblastoma patients with extra-neural metastases.
Status: Principal Investigator
3. **Loc3CAR:** Locoregional Delivery of B7-H3-specific Chimeric Antigen Receptor Autologous T Cells for Pediatric Patients with Primary CNS Tumors
Status: Co-Investigator



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8/1/2023