

Stanford



Indu Voruganti Maddali MD, MS, FRCPC

- Postdoctoral Medical Fellow, Radiation Therapy
- Fellow in Radiation Oncology - Radiation Therapy

Bio

BIO

Dr. Voruganti Maddali is a fellow in Radiation Oncology pursuing advanced training and research with a focus on Cyberknife technology which was originally developed at Stanford. She completed her residency training in Radiation Oncology at the Princess Margaret Cancer Center and Odette Cancer Center at the University of Toronto. During residency, she served as an Associate Chief Resident and was involved in research on Head and Neck, Skin and Lung Stereotactic Body Radiotherapy (SBRT), radiation pneumonitis, dynamic digital consent ethics, and medical education. She completed her board certification in Radiation Oncology in Canada and is a fellow of the Royal College of Physicians of Canada.

She is thankful for the privilege of caring for cancer patients and accompanying them and their families during a vulnerable time in their lives. She hopes to bring a person-centered, evidence-based approach to cancer care to achieve the best possible health outcomes for her patients.

She earned her undergraduate and Doctor of Medicine degrees from Brown University. She also has an interest in medical education and pursued a Scholarly Concentration in Medical Education at Brown Medical School and earned a Master of Science degree in Narrative Medicine and Medical Humanities at Columbia University. Her current research interests lie in precision radiotherapy for CNS and Lung malignancies, oligometastatic disease management and medical education.

Outside of medicine, Indu enjoys playing an ancient Indian lute called the Veena and exploring the Bay Area with her husband (also a fellow at Stanford!).

CLINICAL FOCUS

- Fellow

HONORS AND AWARDS

- Runner-up prize for best abstract, British Thoracic Oncology Group (BTOG) (January 2022)
- Post-Graduate Trainee Award, Strategic Training in Transdisciplinary Radiation Science (STARS21), Princess Margaret Cancer Center (2019-2020)
- Post-Graduate Trainee Award, Mack Foundation, University Health Network, Toronto, Canada (June 2020)
- Post-Graduate Medical Humanities Grant, University of Toronto (September 2019)
- Inductee, Gold Humanism Honor Society (September 2017)
- Research Award, Alpert Medical School of Brown University (2015)
- Narrative Medicine Fellowship, Columbia University (June 2015)
- MD Scholarship, Knowledge First Foundation (May 2014)
- Harvey Baker Post-Graduate Scholarship, Brown University (May 2012)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Associate Chief Resident, Princess Margaret Cancer Center and Odette Cancer Center, University of Toronto Department of Radiation Oncology (2020 - 2021)
- Member, Society for Neuro-Oncology (SNO) (2022 - present)
- Member, The Radiosurgery Society (RSS) (2021 - present)
- Member, International Association for the Study of Lung Cancer (IASLC) (2021 - present)
- Member, Society for Women in Radiation Oncology (SWRO) (2019 - present)
- Member, American Society for Radiation Oncology (ASTRO) (2018 - present)
- Member, American Society of Clinical Oncology (ASCO) (2018 - present)
- Member, Canadian Society of Radiation Oncology (CARO) (2018 - present)

PROFESSIONAL EDUCATION

- FRCPC, Royal College of Physicians and Surgeons of Canada , Board Certification in Radiation Oncology
- Residency, Princess Margaret Cancer Center and Odette Cancer Center, University of Toronto, Toronto, ON, Canada , Radiation Oncology
- Internship, Toronto General Hospital and Sunnybrook Health Sciences Center, University of Toronto, Toronto, ON, Canada
- MD, The Warren Alpert Medical School of Brown University, Providence, RI, USA , Doctor of Medicine with Scholarly Concentration in Medical Education
- MS, Columbia University in the City of New York, USA , Narrative Medicine
- ScB, Brown University, Providence, RI, USA , Biology with Honors in Physiology and Biotechnology

INTERNET LINKS

- Twitter: <https://twitter.com/induvmMD>
- Radiation Oncology Virtual Education Rotation (ROVER): <https://www.radoncvirtual.com/about-us>
- Narrative-Based Medicine, University of Toronto: <https://narrativebasedmedicine.ca/team-narrative/>

Research & Scholarship

RESEARCH INTERESTS

- Curriculum and Instruction
- Research Methods
- Science Education

CURRENT RESEARCH AND SCHOLARLY INTERESTS

SBRT/SRS

Oligometastatic disease

Medical Education

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Oncology (Fellowship Program)

Publications

PUBLICATIONS

- **Optimal management of radiation pneumonitis: Findings of an international Delphi consensus study.** *Lung cancer (Amsterdam, Netherlands)*

Voruganti Maddali, I. S., Cunningham, C., McLeod, L., Bahig, H., Chaudhuri, N., L M Chua, K., Evison, M., Faivre-Finn, C., Franks, K., Harden, S., Videtic, G., Lee, P., Senan, et al
2024; 192: 107822

- **Patient consent preferences on sharing personal health information during the COVID-19 pandemic: "the more informed we are, the more likely we are to help".** *BMC medical ethics*
Tosoni, S., Voruganti, I., Lajkosz, K., Mustafa, S., Phillips, A., Kim, S. J., Wong, R. K., Willison, D., Virtanen, C., Heesters, A., Liu, F. F.
2022; 23 (1): 53
- **Response letter to the Editor of Radiotherapy and Oncology regarding the paper "Stereotactic body radiotherapy for head and neck skin cancer" by IS Voruganti et al.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
Karam, I., Voruganti, I. S., Poon, I.
2022; 170: 248-249
- **Stereotactic body radiotherapy for head and neck skin cancer.** *Radiotherapy and oncology : journal of the European Society for Therapeutic Radiology and Oncology*
Voruganti, I. S., Poon, I., Husain, Z. A., Bayley, A., Barnes, E. A., Zhang, L., Chin, L., Erler, D., Higgins, K., Enepekides, D., Eskander, A., Karam, I.
2021; 165: 1-7
- **Initial findings of an international Delphi consensus study regarding the optimal management of radiation pneumonitis**
Harrow, S., Cunningham, C., Voruganti, I., Louie, A.
ELSEVIER IRELAND LTD.2021: S64-S65
- **The use of personal health information outside the circle of care: consent preferences of patients from an academic health care institution.** *BMC medical ethics*
Tosoni, S., Voruganti, I., Lajkosz, K., Habal, F., Murphy, P., Wong, R. K., Willison, D., Virtanen, C., Heesters, A., Liu, F. F.
2021; 22 (1): 29
- **Glioblastoma Spinal Cord Metastasis With Short-Term Clinical Improvement After Radiation.** *The Canadian journal of neurological sciences. Le journal canadien des sciences neurologiques*
Climans, S. A., Voruganti, I. S., Munoz, D. G., Mason, W. P.
2020; 47 (6): 869-871
- **OPTIMAL MANAGEMENT OF RADIATION PNEUMONITIS: PRELIMINARY FINDINGS OF AN INTERNATIONAL DELPHI CONSENSUS STUDY**
Voruganti, I., Cunningham, C., McLeod, L., Harrow, S., Louie, A. V.
ELSEVIER IRELAND LTD.2020: S58-S59
- **THE USE OF PATIENT HEALTH INFORMATION OUTSIDE THE CIRCLE OF CARE: NEEDS AND PREFERENCES OF PATIENTS AT A LARGE ACADEMIC CANCER CENTRE**
Voruganti, I., Tosoni, S., Wong, R., Willison, D., Virtanen, C., Heesters, A., Liu, F.
ELSEVIER IRELAND LTD.2020: S74
- **OUTCOMES FOLLOWING SBRT FOR HEAD AND NECK SKIN CANCER: A SINGLE INSTITUTIONAL EXPERIENCE**
Voruganti, I., Poon, I., Zhang, L., Husain, Z., Chin, L., Erler, D., Higgins, K., Enepekides, D., Eskander, A., Karam, I.
ELSEVIER IRELAND LTD.2020: S56
- **Chest wall toxicity after stereotactic radiation in early lung cancer: a systematic review.** *Current oncology (Toronto, Ont.)*
Voruganti, I. S., Donovan, E., Walker-Dilks, C., Swaminath, A.
2020; 27 (4): 179-189
- **The use of patient health information outside the circle of care: Consent preferences of patients from a large academic cancer centre.**
Liu, F., Tosoni, S., Voruganti, I. S., Wong, R., Virtanen, C., Willison, D., Heesters, A.
LIPPINCOTT WILLIAMS & WILKINS.2020
- **WELL-MED: A MULTIDISCIPLINARY APPROACH TO SUPPORTING RADIATION ONCOLOGY WELLNESS**
Voruganti, I., Ackerman, I., Millar, B., Follwell, M., Croke, J.
ELSEVIER IRELAND LTD.2019: S48
- **A Woman with Black Beads in Her Stomach: Severe Gastric Ulceration Caused by Yttrium-90 Radioembolization.** *Case reports in medicine*
Voruganti, I. S., Godwin, J. L., Adrain, A., Feller, E.

2018; 2018: 1413724

- **Cost and Selection of Ophthalmic Anti-Vascular Endothelial Growth Factor Agents.** *Rhode Island medical journal* (2013)
Li, E., Greenberg, P. B., Voruganti, I., Krzystolik, M. G.
2016; 99 (5): 15-7
- **Live-cell, temporal gene expression analysis of osteogenic differentiation in adipose-derived stem cells.** *Tissue engineering. Part A*
Desai, H. V., Voruganti, I. S., Jayasuriya, C., Chen, Q., Darling, E. M.
2014; 20 (5-6): 899-907
- **The Memory Tree** *The Intima: A Journal of Narrative Medicine*
Voruganti, I.
2014: 4
- **Molecular characterization of a novel 55.1 kb (G)gamma((A)gammadeltabeta)(0)-thalassemia deletion in two Canadian families.** *Hemoglobin*
Voruganti, I., Eng, B., Waye, J. S.
2009; 33 (6): 422-7

PRESENTATIONS

- "Optimal Management of Radiation Pneumonitis: Preliminary Findings of an International Delphi Consensus Study" - Canadian Association of Radiation Oncology (CARO) Annual Meeting (10/2021)
- "SBRT For Head and Neck Skin Cancer: An Initial Experience in 106 Medically Unfit Patients." - American Society for Radiation Oncology (ASTRO) Annual Meeting (10/2020)
- "The Use of Patient Health Information Outside the Circle of Care: Needs and Preferences of Patients at a Large Academic Cancer Center." - American Society for Clinical Oncology (ASCO) (6/2020)
- "Systematic Review of the Incidence of Chest Wall Toxicity Following Stereotactic Body Radiation Therapy for Early-Stage Non-Small Cell Lung Cancer." - American Society for Radiation Oncology (ASTRO) Annual Meeting (10/2018)
- "Skin Cancer and Radiotherapy" - Second Year Radiation Therapy Students in the Medical Radiation Sciences Program, University of Toronto and Michener Institute (2020 - 2022)
- Well-Med: A Multidisciplinary Approach to Supporting Radiation Oncology Wellness. - International Conference on Residency Education (ICRE) (10/2019)
- "Narrative, Health and Social Justice." - Interprofessional Health, Arts and Humanities Certificate, University of Toronto Center for Interprofessional Education (2020 - 2022)
- "Allergene: A Synthetic Approach to Treating Allergic Rhinitis" - International Genetically Engineered Machines Competition (iGEM), Massachusetts Institute of Technology (MIT)
- "Wellness in Radiation Oncology: Overcoming the Paradox" - Canadian Association of Radiation Oncology (CARO) Annual Meeting (10/2019)