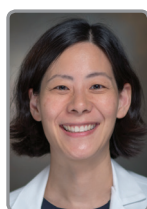


# Exploring New Dimensions of Interventional Oncology



Interventional oncology (IO) continues to evolve with the application of minimally invasive techniques to treat clinical challenges that arise in cancer patients irrespec-

tive of disease stage. At the same time, the COVID-19 pandemic of 2020 has changed life as we know it and shed greater light on significant societal inequalities that must urgently be addressed to ensure access and opportunity for everyone, particularly for those who have the greatest need. In this issue of *Endovascular Today*, it is our goal to provide practical insights for managing common oncologic problems, a look at the emerging field of interventional neuro-oncology, and perspectives on how health care disparities affect interventional radiology (IR) and IO today.

To open our conversation, Eric Wehrenberg-Klee, MD, and Suvranu "Shoey" Ganguli, MD, highlight several articles of interest published in the past year and summarize their impact on the field of IO. Then, Lin L. Zhu, MD; Anne M. Covey, MD; and Amy R. Deipolyi, MD, provide a review of arterial and venous complications of malignancy that frequently require urgent or emergent transcatheter interventions. Joshua D. Kuban, MD, along with Armeen Mahvash, MD, and Rahul A. Sheth, MD, provide an appraisal of portomesenteric disease in the oncology patient and assess the various management options available for this complex problem.

Drs. Rahul A. Sheth and Steven Yevich offer an update on the minimally invasive therapies for the management of cancer patients with spine metastases, including ablation and different techniques for vertebral augmentation. In our "Next Horizons" feature,

Stephen Chen, MD, and Peter Kan, MD, discuss the expanding role of transcatheter therapy for central nervous system and head and neck cancers.

Next, we asked a panel of experts to provide their insights as to how health disparities are affecting IR and IO today and potential solutions for narrowing the gap in the future. Our panel includes Laura Findeiss, MD (access to IR care); Resmi Charalel, MD (health disparities research in IR); Sarah B. White, MD, and Veronica M. Loy, DO (UNOS criteria and social determinants); and Julius Chapiro, MD (artificial intelligence and equitable health care).

In addition to this month's IO focus, Ziv J Haskal, MD, reflects on his tenure as the Editor-in-Chief of *Journal of Vascular and Interventional Radiology*. The interventional community is grateful for his stewardship of the journal and the strides it has made during his 10 years as Editor. To close our issue, Paul J. Rochon, MD, sits down to discuss what brought him to IR, ongoing efforts to address racial and gender-based disparities in interventional care, and greater diversity and inclusiveness in the specialty.

We would like to thank the authors in this issue for their contributions, which have provided both practical tips for daily use and thoughtful commentary on developments we may see in the future of IO. It is our hope that this issue also sparks conversation around health care disparities in the IR and IO communities, and we look forward to the work that will lead to the elimination of inequities in cancer care. ■

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