



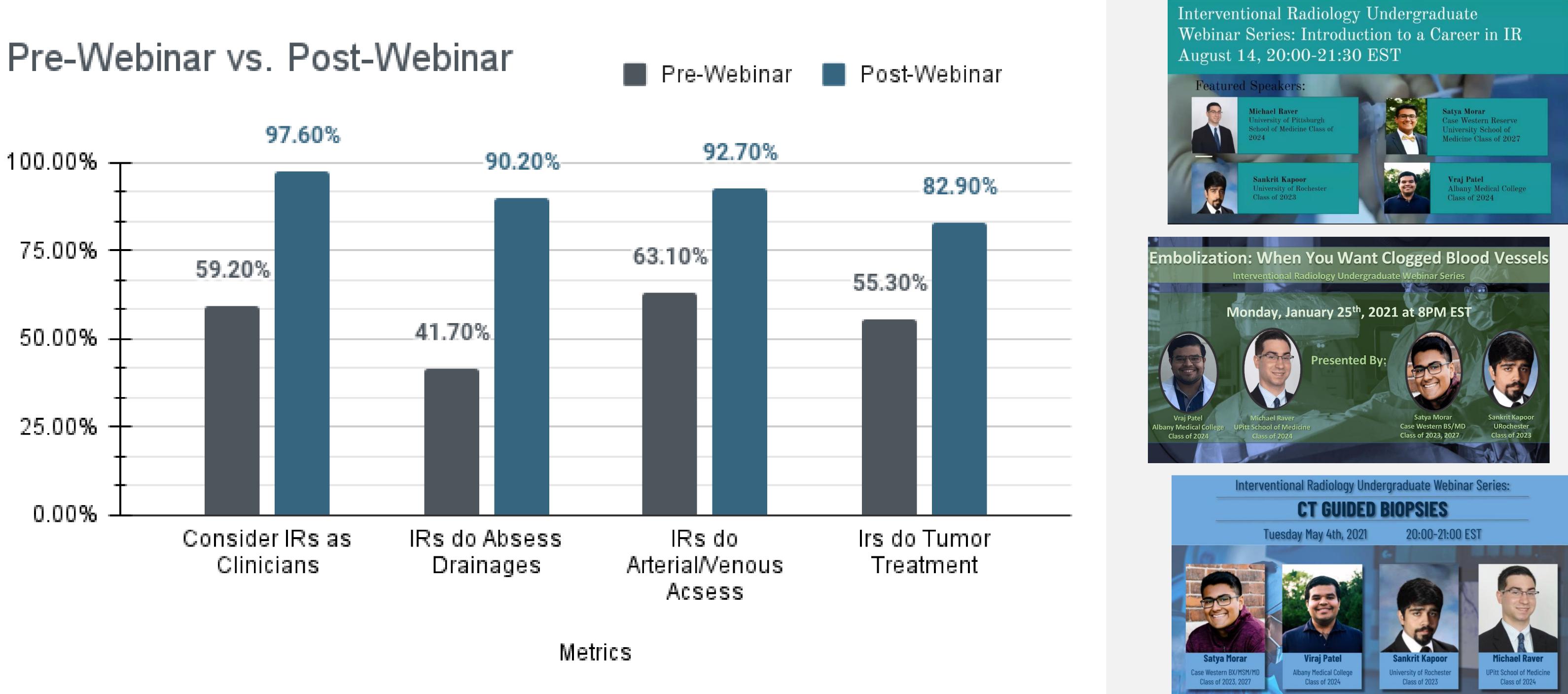
Purpose

- To assess undergraduate student interest in vascular and interventional radiology (VIR) • Determine the most
- effective way to increase interest and exposure using an online webinar series

Materials & Methods

- A series consisting of three webinars discussing the unique aspects of VIR
- Focusing on undergraduates
- Pre-webinar and postwebinar survey was distributed to attendees from each webinar
- Surveys focused on students' prior exposure to VIR and radiology
- Survey data was compared between webinars

- 103 undergraduate students attended three webinars Response rate to the post-webinar survey was 39.8% (n=41) for all three webinars combined. 89.3% of the attendees had little to no exposure to interventional radiology through their undergraduate coursework 59.2% of respondents considered interventional radiologists to be clinicians before their specific webinar 97.6% considered clinicians following the webinar. After the webinars, the respondents increased their understanding of what VIR does performing abscess drainages (41.7% to 90.2%) arterial and venous access (63.1% to 92.7%) tumor treatment (55.3% to 82.9%) 95.1% of all the post-webinar survey respondents stated they want to learn more about IR via future webinars 60.1% of post-webinar survey respondents said they would prefer some form of hands-on or visual demonstration



Assessing Undergraduate Interest in Vascular and Interventional Radiology: Multiple Educational Webinars

<u>Satya K. Morar¹, Sankrit Kapoor², Vraj Patel³ BS, Michael Raver⁴ BS, Geogy Vatakencherry⁵ MD FSIR</u>

1. Case Western Reserve University School of Medicine; 2. University of Rochester; 3. Albany Medical College; 4. University of Pittsburgh School of Medicine; 5. Kaiser Permanente Los Angeles

Results

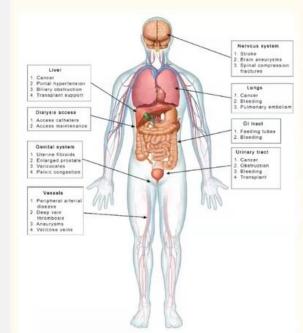


Resident, Fellow and Student Section

Discussion

- Based on attendance, undergraduates' express interest in VIR
- Early exposure to VIR through accessible opportunities may be effective in increasing interest and awareness
 - Shadowing
 - hands-on clinical experience
 - integration with local VIR interest group
- Ultimately may recruit students at a very early stage.

Types of Procedures:



nples of Common (bread and butter) procedures: Tunneled Centra Lines, nephrostomy tubes, percutaneous drainage, G-tube placement ore complex procedures: TIPS, TACE, Thrombectomies and stroke

terventional Radiologists have do a variety of different procedures and vork almost every organ system allowing for diversity and flexibility of

Treatment: The Actual Embolism

- Embolic material can be injected along with contrast dye
- Various embolic materials exist
- Coils - Embo Spheres
- Glue
- Can see blood flow stop in real-time with Fluoro

AN INTRODUCTION TO CT GUIDED BIOPSIES

- Biopsies are a sample of tissue taken for examination to determine the presence of an underlying patholog
- CT Scans are Computed Tomography Scans (formerly CAT scan) which results in ross-sectional images (slices).
- CT Guided Biopsies use a needle to get a tissue sample.

graduate Webinar Series - 05/04/202

The needle is is precisely placed in the safest way possible into the lesion by an IR using the guidance of a CT scan image

