

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

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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 post-webinar survey was distributed to attendees from each webinar
- Surveys focused on students' prior exposure to VIR and radiology
- Survey data was compared between webinars

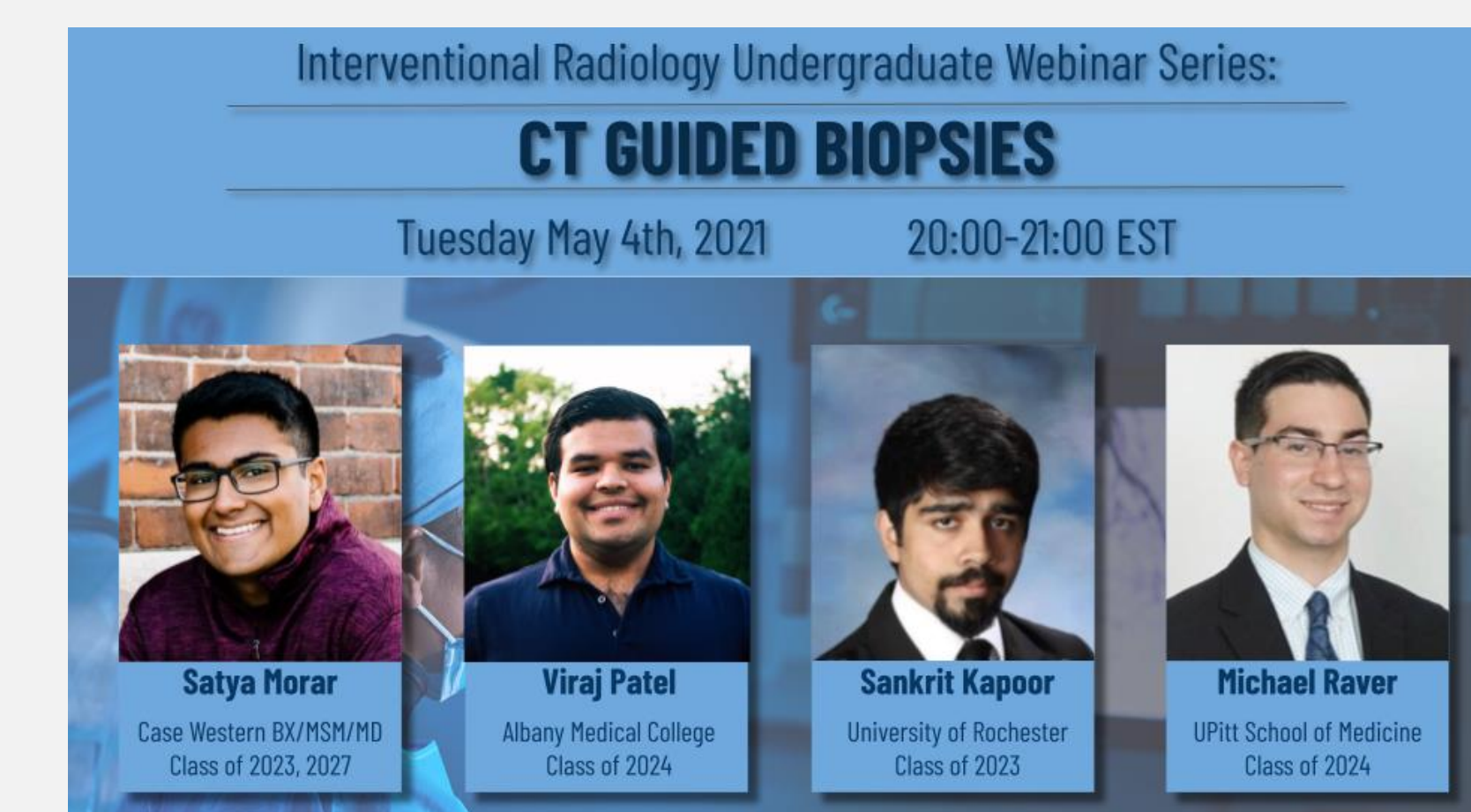
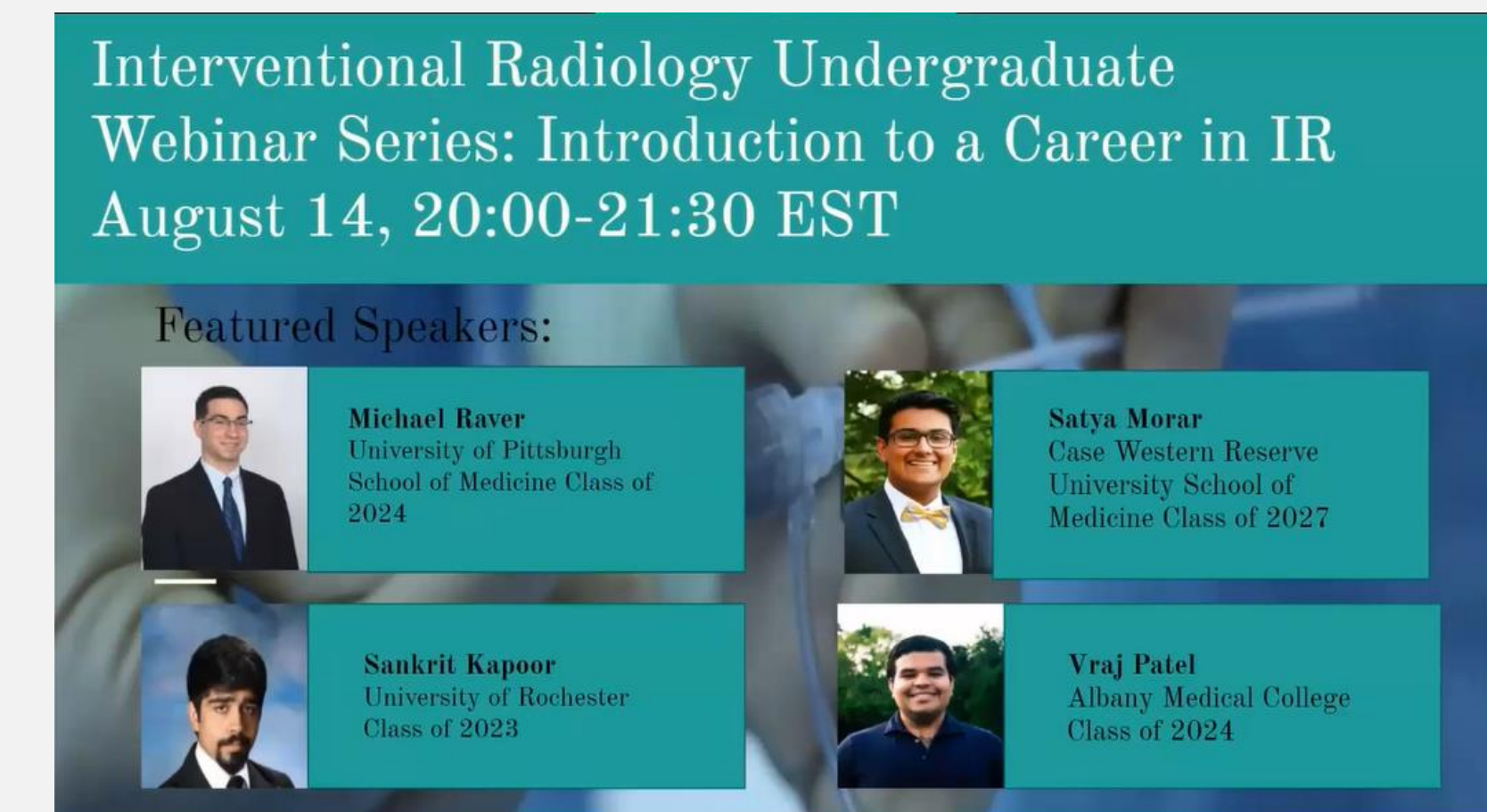
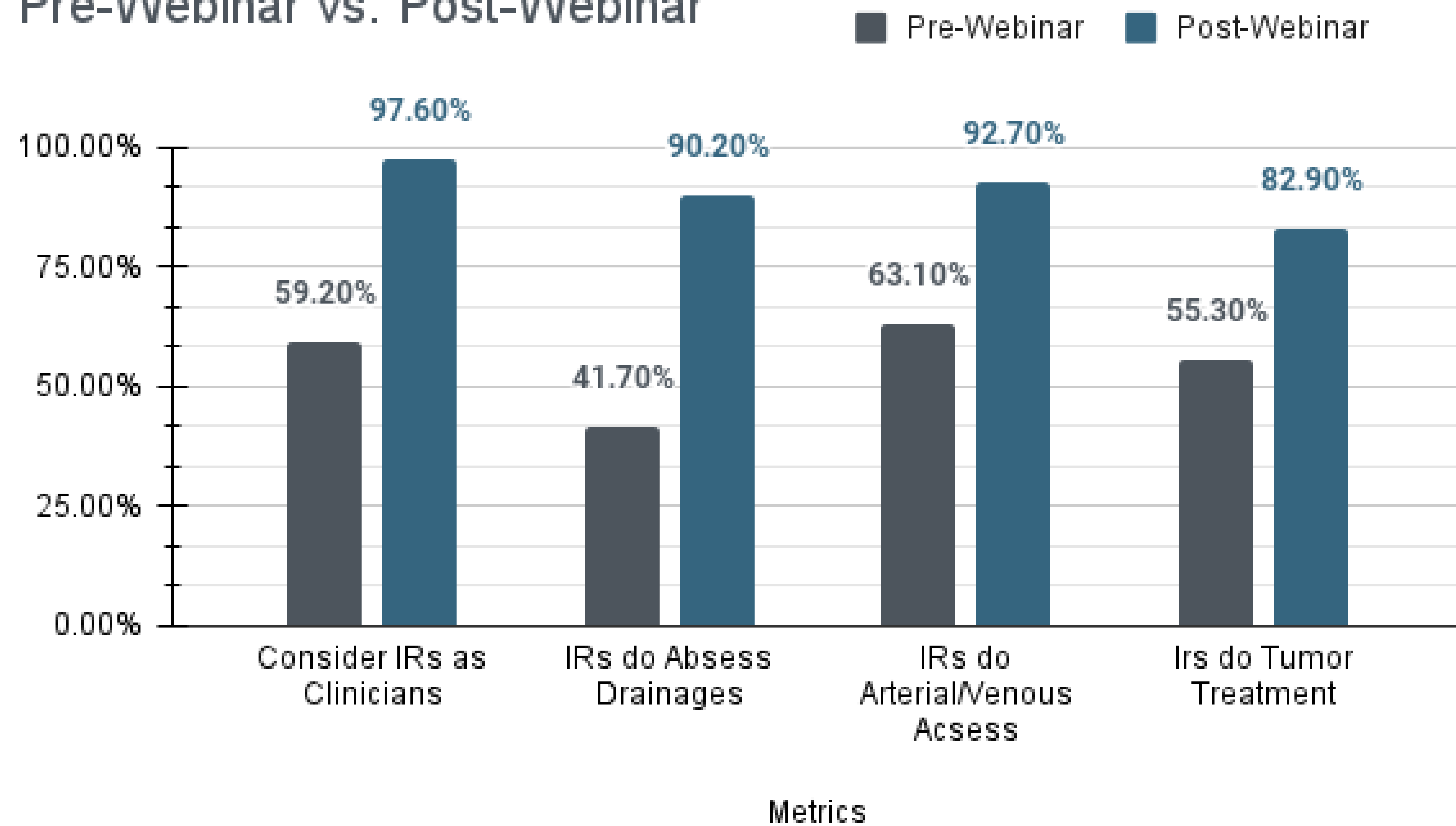
Results

- 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

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.

Pre-Webinar vs. Post-Webinar



Types of Procedures:

