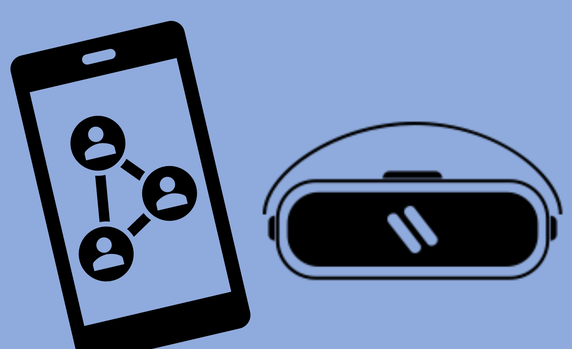
Patient Perception of Virtual Reality to Augment the Operative Experience

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The goal of this work was to define the current need, barriers, and key themes related to acceptability of technology and virtual reality (VR), specifically from the patient perspective during the surgical journey

Mixed methods design using a quantitative survey and qualitative semi-structured interview on current use, experiences, obstacles, and expectations of technology and VR

24 patients (median age 59y, 33-81) consented for surgery participated in 2 voluntary preoperative education sessions





100%:
- ✓ had ?s about case logistics and prep
- ✓ desired more personalized info
- ✓ wanted a platform where they could share info with their support

100%
- ✓ owned a smartphone
- ✓ would use an app or VR module if received from their provider
- ✓ felt comfortable operating the VR application after one 3-min exercise
- ✓ reported they would likely use the application to prepare for surgery

Four key themes for acceptability of VR were identified:



Hands-on Education; Clear Communication in Multiple Formats; Detailed Expectations; 24-7 Access to Care by Their Team

Future work will ensure information is organized along these themes