

Use of Virtual Theatre Suite to Enhance Medical Student Experience of Gynaecological Surgery during Covid-19 Pandemic

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Background:

- **Covid-19 | O&G Placements**
Covid-19 has reduced medical students' exposure to surgical procedures. This will impact understanding in key areas of anatomy, surgery and theatre etiquette
- **The Aim**
To provide resources that bridge the gap created by Covid restrictions



Solutions:

1 Virtual Theatre Tour

- Orientates students within theatre
- Integrates videos on theatre skills
- Introduces theatre etiquette



- 360° Photos
- Embedded Media
- Orientating
- Interactive Hotspots

View on mobile, tablet, PC or VR headset



2 Face to Face Surgical Tutorials

- Review of relevant anatomy
- Description of common procedures
- Videos of real-life procedures
- Live narration by consultant
- Opportunity for questions



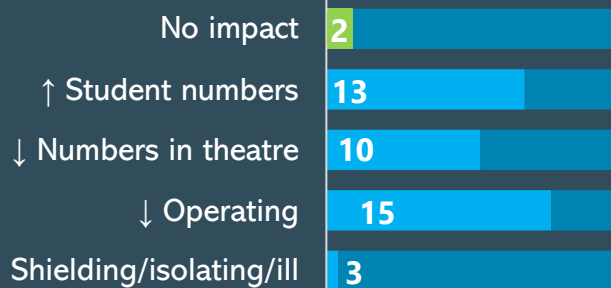
The Results:

Post-placement surveys were sent to the 25 students who have used the suite of resources.



84% of students completed the survey

Factors Impacting Surgical Exposure



2/3 of students had viewed the tour



70% classed tour as Very Helpful



70% classed tutorials as Very Helpful



Most popular aspect of tutorials was Q&A

Additional Elements that Students Requested

- Videos of surgical procedures within tour
- Interviews with theatre staff
- Other areas of theatre
- 3D images of surgical instruments



The Conclusion:

This pilot was well-received by students although as it is in the early stages, the numbers involved are still small

By augmenting surgical experience with virtual technology we help students to understand gynae procedures and provide the best care for future patients

Uses for such resources include:

- As preparation prior to placements
- To replace experience if shielding or ill
- Additional activity if theatre time limited



The Future:

Ideas for future use of 360° technology:

- Extending to other areas of theatre
- Labour ward tour for expectant parents

Long-term impact on exam results, future clinical practice, and recruitment into surgical specialties has yet to be evaluated

To View the Tour Yourself:



<https://ths.li/9e2Bj5>



Or scan QR Code



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