Questionnaire A

HoloLens Post Usage Questionnaire

Thank you for your participation in the usage of HoloLens 2. We would like to ask you few questions with regards to your experience in today's session. Before we start the questionnaire, please answer the following

Name:
Current post:
Year of training:

What is your preferred mode of learning anatomy? (1) Didactic teaching (2) Textbooks (3) Online lectures

What anatomy did you go through in today's session? _____

Please choose between 1 to 7 with 1 – strongly disagree, 7 – strongly agree	
HoloLens will be a good learning tool for studying anatomy	①②③④⑤⑥⑦
HoloLens can be used as an adjunct to traditional teaching methods for understanding anatomy	①②③④⑤⑥⑦
It's easy for me to understand the anatomy using HoloLens as compared to traditional teaching methods	①②③④⑤⑥⑦
HoloLens provides better 3D visualisation than textbooks or didactic learning	①②③④⑤⑥⑦
The interactive nature of the HoloLens makes learning exciting and interesting	①②③④⑤⑥⑦
3D rendering allows for better visualisation of complex relationships as compared to 2D	①②③④⑤⑥⑦
HoloLens enhances the visualisations of various anatomical structures	①②③④⑤⑥⑦
The multiple degrees of freedom using the "slicer box" allows for easy manoeuvring	①②③④⑤⑥⑦
I can approach the anatomy from different angles which is not	①②③④⑤⑥⑦

available in conventional radiology systems	
Use of HoloLens will enhance my understanding of pathological anatomy	①②③④⑤⑥⑦
Due to ever decreasing availability of cadavers for learning anatomy, HoloLens may pave way as standard of teaching	①②③④⑤⑥⑦
The learning curve of using HoloLens is short	①②③④⑤⑥⑦
I would like to attend another session with HoloLens	①②③④⑤⑥⑦
I would like easy availability to HoloLens for understanding anatomy when required	①②③④⑤⑥⑦

Please provide any other feedback.

If you would like to collaborate for any projects utilising HoloLens 2, please let us know and we will contact you. Please write your contact details below.

Questionnaire B

Dear trainees,

We are conducting a mixed-methods study on your user experience of Microsoft Hololens in surgical procedures. This short questionnaire should take less than 5 minutes to complete.

Questionnaire Part 1. Basic Data

Subspecialty:

Microsoft Hololens Use

a. Have you ever used HoloLens or any other Mixed Reality Device before?
b. If yes, please provide further information below:

Questionnaire Part 2.1. Rate your experience

On the following scale, rate the various aspects of your experience with Microsoft Hololens.

Example:

Attractive	○ ⊗ ○ ○ ○ ○ ○	*Unattractive*

This response would mean that you rate the application as more attractive than unattractive.

Annoying	○ ○ ○ ○ ○ ○ ○	Enjoyable
Not understandable	○ ○ ○ ○ ○ ○ ○	Understandable
Creative	○ ○ ○ ○ ○ ○ ○	Dull
Easy to learn	○ ○ ○ ○ ○ ○ ○	Difficult to learn
Valuable	○ ○ ○ ○ ○ ○ ○	Inferior
Boring	○ ○ ○ ○ ○ ○ ○	Exciting
Not interesting	○ ○ ○ ○ ○ ○ ○	Interesting
Unpredictable	○ ○ ○ ○ ○ ○ ○	Predictable
Fast	○ ○ ○ ○ ○ ○ ○	Slow

Inventive	○○○○○○○	Conventional
Obstructive	○○○○○○○	Supportive
Good	○○○○○○○	Bad
Complicated	○○○○○○○	Easy
Unlikable	○○○○○○○	Pleasing
Usual	○○○○○○○	Leading edge
Unpleasant	○○○○○○○	Pleasant
Secure	○○○○○○○	Not secure
Motivating	○○○○○○○	Demotivating
Meets expectations	○○○○○○○	Does not meet expectations
Inefficient	○○○○○○○	Efficient
Clear	○○○○○○○	Confusing
Impractical	○○○○○○○	Practical
Organized	○○○○○○○	Cluttered
Attractive	○○○○○○○	Unattractive
Friendly	○○○○○○○	Unfriendly
Conservative	○○○○○○○	Innovative

Questionnaire Part 2.2. Free-text/Open-ended

1. How do you think can Microsoft Hololens enhanced your experience?

Are you open to a further telephone interview to tell us more about your experience with Microsoft Hololens?
Yes/No