Survey to surgeons for ARHealth project

Name	
Date	
Medical specialty	
Had you ever used AR before?	☐ Yes ☐ No

Question	Rating
Question	**Rating**
1. What do you think about the use of AR during surgeries?	1 2 3 4 5
2. Would you like to use AR in your surgeries?	1 2 3 4 5
DEMO MODE	
3. Do you think that the 3D visualization obtained in the DEMO mode could help the surgeon to better understand the pathology?	1 2 3 4 5
4. Do you think that the DEMO mode could facilitate the surgical planning?	1 2 3 4 5
5. Do you think that the DEMO mode could be useful to assist during patient communication?	1 2 3 4 5
CLINIC MODE	
6. Do you think that 3D printing a bone fragment for the app CLINIC mode could be useful for practicing surgical guide placement before surgical interventions?	1 2 3 4 5
7. Do you think that the app CLINIC mode would be useful to get used to AR visualization before surgeries?	1 2 3 4 5
8. Do you think that the app CLINIC mode would be useful to explain the patient his/her pathology?	1 2 3 4 5
SURGERY MODE	
9. Do you think that the SURGERY mode would facilitate tumor location in relation to the visible structures of the patient's body during operations?	1 2 3 4 5
10. Do you think that ARHealth could increase the accuracy of orthopedic oncological surgeries?	1 2 3 4 5
11. What do you think about the AR visualization on a smartphone/tablet in sterilizable case suitable for its use in the OR?	1 2 3 4 5
GENERIC QUESTIONS	
12. Do you think that the AR information provided through the virtual models projected over the image, is easy to interpret?	1 2 3 4 5
13. Do you think this technology could improve patient communication?	1 2 3 4 5
14. Do you think that AR could enhance the surgeons' confidently during surgical interventions?	1 2 3 4 5
15. Would you include this technology in your workflow?	1 2 3 4 5

16. Which medical areas do you think that could benefit the most from this technology?

☐ Orthopedic surgery　　　☐ Cardiac surgery
☐ Oncologic surgery　　　　☐ Neurosurgery
☐ Minimally Invasive Surgery (MIS)　☐ Plastic surgery
☐ Others:

Observations