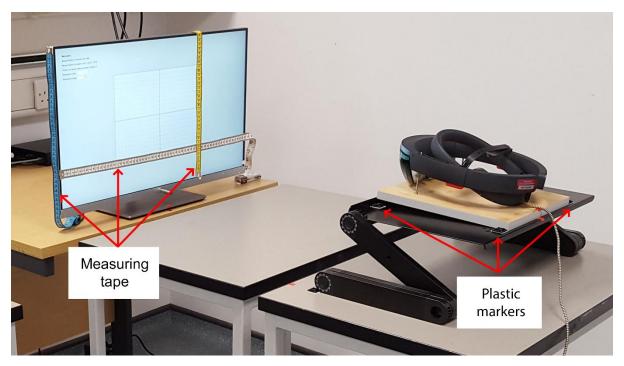
## **Online Resource 1**



**Fig. S1** Experimental setup showing the headset fixed to a board which is placed on a lectern. Plastic markers on the lectern's plate and table used to ensure the correct position of the board and lectern, respectively. The centre of the photos captured with the headset's camera were matched to the centre of the digital graph chart using measuring tape attached to the monitor as a reference

**Title:** Effect of marker position and size on the registration accuracy of HoloLens in a nonclinical setting with implications for high-precision surgical tasks

Journal: International Journal of Computer Assisted Radiology and Surgery

**Authors:** Laura Pérez-Pachón<sup>1</sup>, Parivrudh Sharma<sup>1</sup>, Helena Brech<sup>1</sup>, Jenny Gregory<sup>1</sup>, Terry Lowe<sup>1,3</sup>, Matthieu Poyade<sup>2</sup>, Flora Gröning<sup>1</sup>

<sup>1</sup> School of Medicine, Medical Sciences and Nutrition, University of Aberdeen, Aberdeen, United Kingdom

<sup>2</sup> School of Simulation and Visualisation, Glasgow School of Art, Glasgow, United Kingdom

<sup>3</sup> Head and Neck Oncology Unit, Aberdeen Royal Infirmary (NHS Grampian), Aberdeen, United Kingdom

Corresponding author: <a href="mailto:laura.perezpachon@gmail.com">laura.perezpachon@gmail.com</a> (LP)