## Qualitative Assessment of the Dial-neph Virtual Reality (VR) Educational Tool





3D VR kidney physiology course on Diuretic Action and eLectrolyte transport in the Nephron (DiAL-Neph)



Classroom set-up

Interactive interface



**IM PG1 residents** 

**Printed script of VR** learning course



>90% of the residents rated the platform positively in all parameters 77% of residents preferred it as a teaching method

2-hour physiology seminar within 1 week of initial session for both groups

## **Conclusion:**

Feedback of VR course was overwhelmingly positive VR tool was perceived to be a helpful educational adjunct



Recurring themes emerging from focus groups

**Positive themes** 



**Negative themes** 

**Memory anchor** 

**Attention span** 

Interaction

**Spatiality** 

Enjoyable

**Great supplemental** resource

**Logistical challenges** 

**Technical challenges** 

Organization

Passive experience

Lack of immediate clinical relevance



Elias Bassil, Ali Mehdi, et al, 2024 Visual abstract by Dr Arunkumar S @Arunkr Dr