## 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)



Thick According Limb (Loop of Henks)

Distal Convoluted Tubule

Thick According Limb (Loop of Henks)

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



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



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