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Introduction of Anatomage Table in Anatomy Teaching: A Paradigm Shift in Medical Education

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Letter to Editor

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Letter to Editor

In the past century, the pedagogy of anatomy education relied predominantly on dissection and lectures, which were considered the cornerstone of medical education worldwide. However, recent transformations in medical education have ushered in changes, leading to a significant reduction in the time allocated for anatomy teaching. Some critics argue that these changes may have surpassed a threshold, potentially compromising the adequacy of anatomy education.

Traditional anatomy education, rooted in topographical structural anatomy taught through lectures and gross dissection classes, has undergone a profound evolution. The contemporary landscape of anatomy education now encompasses a diverse range of study modules. These include problem-based learning, the utilization of plastic models, computer-assisted learning, and integration into broader curricula [1].

Over the past few years due to Covid 19 pandemic, our institution has implemented a groundbreaking technology, the Anatomage Table, in our anatomy teaching curriculum. The Anatomage Table represents a state-of-the-art virtual dissection tool that provides an immersive and interactive learning experience for medical students.

The introduction of the Anatomage Table has transformed the way we approach anatomy education. Unlike traditional methods, the table allows students to explore detailed, three-dimensional reconstructions of the human body, facilitating a deeper understanding of anatomical structures, relationships, and variations. Key features of the Anatomage Table include.

Virtual Dissections

Students can virtually dissect cadaveric specimens, gaining hands-on experience in a digital environment. Interactive Learning Modules: The table offers interactive modules that cover various anatomical systems, providing self-paced learning opportunities. Case-based Learning: Real clinical cases and scenarios are integrated, allowing students to apply anatomical knowledge to practical situations. Collaborative Learning: The Anatomage Table supports collaborative learning, fostering teamwork and communication among students [2].

Our preliminary assessments indicate that students' engagement and comprehension have significantly improved since the implementation of this innovative technology. This development aligns with the broader shift toward integrating cutting-edge technologies in medical education. Furthermore, an exploration of the challenges associated with anatomic specimens in modern medical education is crucial. Factors such as ethical considerations, resource constraints, and evolving curricular demands necessitate a thoughtful evaluation of the continued relevance and practicality of traditional anatomical specimens [3].

In navigating the evolving landscape of anatomy education, it becomes imperative to strike a balance between preserving the foundational principles of the discipline and embracing innovative methodologies. Addressing the questions posed will contribute to a comprehensive understanding of the current state of anatomy education and guide future advancements in medical pedagogy.

I believe that a feature article on the integration of the Anatomage Table in anatomy teaching would make a valuable contribution to all the medical schools. It not only highlights the advancements in educational technology but also addresses the broader implications for medical education.

References

1. Papa V, Vaccarezza M (2013) Teaching anatomy in the XXI century: new aspects and pitfalls. Scientific World Journal, pp: 310348.

2. Karkera S (2021) Impact of COVID-19 on the future of cadaveric dissection and anatomy teaching. Int J Res Med Sci 9(3): 908-913.

3. Keerti S, Uma G, Kiana H, Keisha M, Damian C, et al. (2020) Teaching Anatomy and Dissection in an Era of Social Distancing and Remote Learning. Advances in Human Biology 10(3): 90-94.