DAFTAR PUSTAKA

[1] M. A. Gutiérrez A., F. Vexo, and D. Thalmann, *Stepping into virtual reality*. London: Springer London, 2008.

[2] N. Gavish *et al.*, "Evaluating virtual reality and augmented reality training for industrial maintenance and assembly tasks," *Interact. Learn. Environ.*, vol. 23, no. 6, pp. 778–798, 2015, doi: 10.1080/10494820.2013.815221.

[3] Statista Research Department, "Global VR headset shipments by segment 2018-2022." [Online]. Available: https://www.statista.com/statistics/754860/worldwide-vr-headset-shipment-by-segment/#statisticContainer. [Accessed: 03-Mar-2021].

[4] C. Youngblut, "Educational Uses of Virtual Reality Technology," *IDA Doc. D-2128*, vol. 28, no. 2, pp. 251–258, 1988, doi: 10.1016/0042-6989(88)90152-6.

[5] M. Estai and S. Bunt, "Best teaching practices in anatomy education: A critical review," *Ann. Anat.*, vol. 58, no. 3, pp. 177–192, 2016, doi: 10.1016/j.aanat.2016.02.010.

[6] B. W. Turney, "Anatomy in a modern medical curriculum," *Ann. R. Coll. Surg. Engl.*, vol. 89, no. 2, pp. 104–107, 2007, doi: 10.1308/003588407X168244.

[7] S. K. Ghosh, "Human cadaveric dissection : a historical account from ancient Greece to the modern era," *Anat Cell Biol*, vol. 48, no. 3, pp. 153–169, 2015, doi: 10.5115/acb.2015.48.3.153.

[8] H. W. Korf *et al.*, "The dissection course - necessary and indispensable for teaching anatomy to medical students," *Ann. Anat.*, vol. 190, no. 1, pp. 16–22, 2008, doi: 10.1016/j.aanat.2007.10.001.

[9] R. L. Drake, J. M. McBride, N. Lachman, and W. Pawlina, "Medical education in the anatomical sciences: The winds of change continue to blow," *Anat. Sci. Educ.*, vol. 2, no. 6, pp. 253–259, 2009, doi: 10.1002/ase.117.

[10] H. K. Lempp, "Perceptions of dissection by students in one medical school : beyond learning about anatomy. A qualitative study," *Med. Educ.*, vol. 39, no. 3, pp. 318–325, 2005, doi: 10.1111/j.1365-2929.2005.02095.x.

[11] B. D. Robbins, A. Tomaka, C. Innus, J. Patterson, and G. Styn, "LESSONS

FROM THE DEAD : THE EXPERIENCES OF UNDERGRADUATES WORKING WITH CADAVERS *," *Omega J. Death Dying*, vol. 58, no. 3, pp. 177–192, 2008, doi: 10.2190/OM.58.3.b.

[12] B. J. Moxham and O. Plaisant, "Perception of medical students towards the clinical relevance of anatomy," *Clin. Anat.*, vol. 20, no. 5, pp. 560–564, 2007, doi: 10.1002/ca.20453.

[13] R. Desimone and J. Duncan, "Neural Mechanisms of Selective Visual Attention," *Annu. Rev. Neurosci.*, vol. 18, pp. 193–222, 1995, doi: 10.1146/annurev.ne.18.030195.001205.

[14] J. Sun, E. Liu, and C. Li, "Object detection based on visual selective attention mechanism," *Adv. Mater. Res.*, vol. 178, pp. 350–354, 2011, doi: 10.4028/www.scientific.net/AMR.178.350.

[15] S. F. M. Alfalah, J. F. M. Falah, T. Alfalah, M. Elfalah, N. Muhaidat, and O. Falah, "A comparative study between a virtual reality heart anatomy system and traditional medical teaching modalities," *Virtual Real.*, vol. 23, no. 3, pp. 229–234, 2019, doi: 10.1007/s10055-018-0359-y.

[16] N. S. Birbara, C. Sammut, and N. Pather, "Virtual Reality in Anatomy: A Pilot Study Evaluating Different Delivery Modalities," *Anat. Sci. Educ.*, vol. 13, no. 4, pp. 445–457, 2020, doi: 10.1002/ase.1921.

[17] C. Erolin, L. Reid, and S. Mcdougall, "Using virtual reality to complement and enhance anatomy education," *J. Vis. Commun. Med.*, vol. 42, no. 3, pp. 93–101, 2019, doi: 10.1080/17453054.2019.1597626.

[18] B. Laugwitz, T. Held, and M. Schrepp, "Construction and Evaluation of a User Experience Questionnaire," *HCI Usability Educ. Work*, vol. 5298, pp. 63–76, 2008, doi: 10.1007/978-3-540-89350-9_6.

[19] M. Schrepp, A. Hinderks, and J. Thomaschewski, "Construction of a Benchmark for the User Experience Questionnaire (UEQ)," *Int. J. Interact. Multimed. Artif. Intell.*, vol. 4, no. 4, p. 40, 2017, doi: 10.9781/ijimai.2017.445.

[20] A. Chetley *et al.*, "Improving health, connecting people: the role of ICTs in the health sector of developing countries A framework paper," 2006.

[21] Bridges.org, "Digital Divide," 2021. [Online]. Available: http://www.bridges.org/digital_divide. [Accessed: 19-Oct-2021].

[22] H. Lucas, "Information and communications technology for future health systems in developing countries," *Soc. Sci. Med.*, vol. 66, no. 10, pp. 2122–2132, 2008, doi: 10.1016/j.socscimed.2008.01.033.

[23] Kemenkes.go.id, "Telemedicine," 2017. [Online]. Available: https://temenin.kemkes.go.id/. [Accessed: 19-Oct-2021].

[24] Society of American Gastrointestinal Endoscopic Surgeons, "Guidelines for the surgical practice of telemedicine," *Surg. Endosc.*, vol. 14, no. 10, pp. 975–979, 2000, doi: 10.1007/s004640000290.

[25] C. H. Evans and K. D. Schenarts, "Evolving Educational Techniques in Surgical Training," *Surg. Clin. North Am.*, vol. 96, no. 1, pp. 71–88, 2016, doi: 10.1016/j.suc.2015.09.005.

[26] N. Gilbert, "74 Virtual Reality Statistics You Must Know in 2021/2022: Adoption, Usage & Market Share," *Finances Online*, 2021. [Online]. Available: https://financesonline.com/virtual-reality-statistics/. [Accessed: 20-Oct-2021].

[27] B. Juhnke *et al.*, "Use of virtual reality for pre-surgical planning in separation of conjoined twins: A case report," *Proc. Inst. Mech. Eng. Part H J. Eng. Med.*, vol. 233, no. 12, pp. 1327–1332, 2019, doi: 10.1177/0954411919878067.

[28] J. S. Fong and H. Ibrahim, "Development of a virtual reality system for Hepatocellular Carcinoma pre-surgical planning," *ICSTE 2010 - 2010 2nd Int. Conf. Softw. Technol. Eng. Proc.*, vol. 1, pp. 41–45, 2010, doi: 10.1109/ICSTE.2010.5608963.

[29] A. S. Merians *et al.*, "Virtual reality-augmented rehabilitation for patients following stroke," *Phys. Ther.*, vol. 82, no. 9, pp. 898–915, 2002, doi: 10.1093/ptj/82.9.898.

[30] Y. O. Cakmak, B. K. Daniel, N. Hammer, O. Yilmaz, E. C. Irmak, and P. Khwaounjoo, "The Human Muscular Arm Avatar as an Interactive Visualization Tool in Learning Anatomy: Medical Students' Perspectives," *IEEE Trans. Learn. Technol.*, vol. 13, no. 3, pp. 593–603, 2020, doi: 10.1109/TLT.2020.2995163.

[31] S. Jain, S. Lee, S. R. Barber, E. H. Chang, and Y. J. Son, "Virtual reality based hybrid simulation for functional endoscopic sinus surgery," *IISE Trans. Healthc. Syst. Eng.*, vol. 10, no. 2, pp. 127–141, 2020, doi: 10.1080/24725579.2019.1692263.

[32] M. Ma, K. Bale, and P. Rea, "Constructionist learning in anatomy education: What anatomy students can learn through serious games development," *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 7528 LNCS, pp. 43–58, 2012, doi: 10.1007/978-3-642-33687-4_4.

[33] K. Heng, A. Lim, Z. Y. Loo, S. J. Goldie, J. W. Adams, and P. G. Mcmenamin, "Use of 3D Printed Models in Medical Education : A Randomized Control Trial Comparing 3D Prints Versus Cadaveric Materials for Learning External Cardiac Anatomy Study Design and Materials," *Anat. Sci. Educ.*, vol. 9, no. 3, pp. 213–221, 2016, doi: 10.1002/ase.1573.

[34] I. Gibson, D. W. Rosen, and B. Stucker, *Additive Manufacturing Technologies: Rapid Prototyping to Direct Digital Manufacturing*, 1st ed. New York: Springer US, 2010.

[35] M. Ma *et al.*, "Personalized Augmented Reality for Anatomy Education," *Clin. Anat.*, vol. 29, no. 4, pp. 446–453, 2016, doi: 10.1002/ca.22675.

[36] J. Ferrer-torregrosa, M. Á. Jiménez-rodríguez, J. Torralba-estelles, F. Garzón-farinós, M. Pérez-bermejo, and N. Fernández-ehrling, "Distance learning ects and flipped classroom in the anatomy learning : comparative study of the use of augmented reality , video and notes," *BMC Med. Educ.*, vol. 16, no. 1, pp. 1–9, 2016, doi: 10.1186/s12909-016-0757-3.

[37] C. Dede, "Immersive Interfaces for Engagement and Learning," *Science (80-.).*, vol. 323, no. 5910, pp. 66–69, 2009.

[38] R. M. Baños, C. Botella, M. Alcañiz, V. Liaño, B. Guerrero, and B. Rey, "Immersion and emotion: Their impact on the sense of presence," *Cyberpsychology Behav.*, vol. 7, no. 6, pp. 734–741, 2004, doi: 10.1089/cpb.2004.7.734.

[39] M. Slater, "Measuring Presence : A Response to the Witmer and Singer Presence Questionnaire," *Presence Teleoperators Virtual Environ.*, vol. 8, no. 5, pp. 1–13, 1999, doi: 10.1162/105474699566477.

[40] M. Slater, A. Steed, and M. Usoh, "Depth of Presence in Virtual Environments," *Presence Teleoperators Virtual Environ.*, vol. 3, no. 2, pp. 130–144, 1994, doi: 10.1162/pres.1994.3.2.130.

[41] R. S. Kalawsky, "The Validity of Presence as a Reliable Human Performance Metric in The Validity of Presence as a Reliable Human Performance Metric in Immersive Environments," *Presence 2000 Int. Work. Presence, Delft, Netherlands*, no. April 2000, 2015.

[42] S. Jang, J. M. Vitale, R. W. Jyung, and J. B. Black, "Direct Manipulation is Better than Passive Viewing for Learning Anatomy in a Three-Dimensional Virtual Reality Environment," *Comput. Educ.*, vol. 106, pp. 150–165, 2017, doi: 10.1016/j.compedu.2016.12.009.

[43] K. Stepan *et al.*, "Immersive virtual reality as a teaching tool for

neuroanatomy," *Int. Forum Allergy Rhinol.*, vol. 7, no. 10, pp. 1006–1013, 2017, doi: 10.1002/alr.21986.

[44] S. G. Izard, J. A. J. Méndez, and P. R. Palomera, "Virtual Reality Educational Tool for Human Anatomy," *J. Med. Syst.*, vol. 41, no. 5, pp. 2–7, 2017, doi: 10.1007/s10916-017-0723-6.

[45] X. Wang and H. Duan, "Hierarchical visual attention model for saliency detection inspired by avian visual pathways," *IEEE/CAA J. Autom. Sin.*, vol. 6, no. 2, pp. 540–552, 2019, doi: 10.1109/JAS.2017.7510664.

[46] S. Kastner and L. G. Ungerleider, "Mechanisms of visual attention in the human cortex," *Annu. Rev. Neurosci.*, vol. 23, pp. 315–341, 2000, doi: 10.1146/annurev.neuro.23.1.315.

[47] D. J. Felleman and D. C. Van Essen, "Distributed hierarchical processing in the primate cerebral cortex," *Cereb. Cortex*, vol. 1, no. 1, pp. 1–47, 1991, doi: 10.1093/cercor/1.1.1-a.

[48] L. G. Ungerleider and J. V Haxby, "What and where in the human brain," *Curr. Opin. Neurobiol.*, vol. 4, no. 2, pp. 157–165, 1994, doi: https://doi.org/10.1016/0959-4388(94)90066-3.

[49] T. Moore and M. Zirnsak, "Neural Mechanisms of Selective Visual Attention," *Annu. Rev. Psychol.*, vol. 68, pp. 47–72, 2017, doi: 10.1146/annurev-psych-122414-033400.

[50] A. M. Treisman and G. Gelade, "A Feature-Integration Theory of Attention," *Cogn. Psychol.*, vol. 12, no. 1, pp. 97–136, 1980, doi: 10.1016/0010-0285(80)90005-5.

[51] J. Duncan, "Selective attention and the organization of visual information," *J. Exp. Psychol. Gen.*, vol. 113, no. 4, pp. 501–517, 1984, doi: 10.1037/0096-3445.113.4.501.

[52] J. Duncan, "The locus of interference in the perception of simultaneous stimuli," *Psychol. Rev.*, vol. 87, no. 3, pp. 272–300, 1980, doi: 10.1037/0033-295X.87.3.272.

[53] R. H. Creighton, *Unity 3D Game Development by Example: A Seat-of-Your-Pants Manual for Building Fun, Groovy Little Games Quickly*. Birmingham: Packt Publishing, 2010.

[54] S. Shekar and W. Karim, *Mastering Android Game Development with Unity*. Birmingham: Packt Publishing, 2017.

[55] M. Schrepp, *User Experience Questionnaire Handbook*. 2015.

[56] H. B. Santoso, M. Schrepp, R. Y. K. Isal, A. Y. Utomo, and B. Priyogi, "Measuring User Experience of the Student-Centered e-Learning Environment," *J. Educ. Online*, vol. 13, no. 1, pp. 1–79, 2016, doi: 10.9743/JEO.2016.1.5.

[57] A. Ghasemi and S. Zahediasl, "Normality tests for statistical analysis: A guide for non-statisticians," *Int. J. Endocrinol. Metab.*, vol. 10, no. 2, pp. 486–489, 2012, doi: 10.5812/ijem.3505.