8. REFERENCE

[1] OpenStax, "BCcampus," 06 March 2013. [Online]. Available: https://opentextbc.ca/anatomyandphysiology/. [Accessed 05 June 2020].

[2] Rachel Nall, RN, BSN, CCRN, "healthline," 10 April 2018. [Online]. Available: https://www.healthline.com/health/mean-arterial-pressure. [Accessed 05 June 2020].

[3] James, P. A. et al. Evidence-based guideline for the management of high blood pressure in adults: report from the panel members appointed to the Eighth Joint National Committee (JNC 8). JAMA 311, 507–520, https://doi.org/10.1001/jama.2013.284427 (2014).

[4] Poulter, N. R., Prabhakaran, D. & Caulfield, M. Hypertension. Lancet 386, 801–812, https://doi.org/10.1016/S0140-6736(14)61468-9 (2015).

[5] Rapsomaniki, Eleni, et al. "Blood pressure and incidence of twelve cardiovascular diseases: lifetime risks, healthy life-years lost, and age-specific associations in 1· 25 million people." *The Lancet* 383.9932 (2014): 1899-1911.

[6] Parati, G., Ochoa, J. E., Lombardi, C. & Bilo, G. Assessment and management of blood-pressure variability. Nat. Rev. Cardiol. 10, 143–155, https://doi.org/10.1038/nrcardio.2013.1 (2013).

[7] HowStuffWorks.com., "HowStuffWorks.com.," 01 April 2000. [Online]. Available: https://science.howstuffworks.com/innovation/everyday-innovations/question146.htm. [Accessed 08 june 2020].

[8] Blood Pressure Association UK. Blood pressure chart. Blood Pressure Association UK. Retrieved May 3, 2020, from http://www.bloodpressureuk.org/BloodPressureandyou/Thebasics/Bloodpressurechart

[9] Allen, John. "Photoplethysmography and its application in clinical physiological measurement." *Physiological measurement* 28.3 (2007): R1.

[10] Elgendi, Mohamed. "On the analysis of fingertip photoplethysmogram signals." Current cardiology reviews 8.1 (2012): 14-25.

[11] Farlex, "Farlex Partner Medical Dictionary," 2012. [Online]. Available: https://medical-dictionary.thefreedictionary.com/mean+arterial+(blood)+pressure. [Accessed 08 june 2020].

[12] Saunders, "The free dictionary by farlex," 2003. [Online]. Available: https://medical-dictionary.thefreedictionary.com/mean+arterial+(blood)+pressure. [Accessed 08 June 2020].

[13] E. O. a. D. Fitzgerald, "The history of blood pressure measurement," Jounal of Human Hypertension, vol. 8, pp. 73-84, 1994.

[14] Geddes LA, Me P. Handbook of blood pressure measurement. NJ: Humana Press Clifton; 1991.

[15] Health Jade, "Health Jade," 2019. [Online]. Available: https://healthjade.net/tonometry/. [Accessed 09 June 2020].

[16] J. A. J.-L. P. P. A. L. Robin P Smithb, "Pulse transit time: an appraisal of potential clinical applications," BMJ Journals , vol. 54, no. 5, p. 452, 1999.

[17] Kachuee, Mohamad, et al. "Cuff-less high-accuracy calibration-free blood pressure estimation using pulse transit time." 2015 IEEE international symposium on circuits and systems (ISCAS). IEEE, 2015.

[18] Peter, L., Noury, N. & Cerny, M. A review of methods for non-invasive and continuous blood pressure monitoring: Pulse transit time method is promising? IRBM 35, 271–282, https://doi.org/10.1016/j.irbm.2014.07.002 (2014).

[19] S. Cheriyedath, "News medical life science," 27 02 2019. [Online]. Available: https://www.news-medical.net/health/Photoplethysmography-(PPG).aspx. [Accessed 10 june 2020].

[20] R. F. Y. L. N. H. N. H. L. D. A. K. L. &. R. W. Mohamed Elgendi, "The use of photoplethysmography for assessing hypertension," 26 june 2019. [Online]. Available: https://www.nature.com/articles/s41746-019-0136-7. [Accessed 10 june 2020].

[21] Samria, Rohan, et al. "Noninvasive cuff'less estimation of blood pressure using Photoplethysmography without electrocardiograph measurement." 2014 IEEE REGION 10 SYMPOSIUM. IEEE, 2014.

[22] Atomi, Kengo, et al. "Cuffless blood pressure estimation based on data-oriented continuous health monitoring system." Computational and mathematical methods in medicine 2017 (2017).

[23] Xing, Xiaoman, and Mingshan Sun. "Optical blood pressure estimation with photoplethysmography and FFT-based neural networks." Biomedical optics express 7.8 (2016): 3007-3020

[24] Kurylyak, Yuriy, Francesco Lamonaca, and Domenico Grimaldi. "A neural network-based method for continuous blood pressure estimation from a PPG signal." 2013 IEEE International instrumentation and measurement technology conference (I2MTC). IEEE, 2013.

[25] Saeed, Mohammed, et al. "Multiparameter Intelligent Monitoring in Intensive Care II (MIMIC-II): a public-access intensive care unit database." Critical care medicine 39.5 (2011): 952.

[26] Asmar, Roland, et al. "Validation of three automatic devices for self-measurement of blood pressure according to the International Protocol: The Omron M3 Intellisense (HEM-7051-E), the Omron M2 Compact (HEM 7102-E), and the Omron R3-I Plus (HEM 6022-E)." Blood pressure monitoring15.1 (2010): 49-54.

[27] Obrist, P. A. et al. The relationship among heart rate, caratid dP/dt, and blood pressure in humans as a function of the type of stress. Psychophysiology 15, 102–115, https://doi.org/10.1111/j.1469-8986.1978.tb01344.x (1978).

[28] Li, Yanjun, et al. "Characters available in photoplethysmogram for blood pressure estimation: beyond the pulse transit time." Australasian physical & engineering sciences in medicine 37.2 (2014): 367-376.

[29] Elgendi, Mohamed. "Detection of c, d, and e waves in the acceleration photoplethysmogram." Computer methods and programs in biomedicine 117.2 (2014): 125-136.

[30] Elgendi, Mohamed, et al. "Detection of a and b waves in the acceleration photoplethysmogram." Biomedical engineering online 13.1 (2014): 139.

[31] Teng, X. F., and Y. T. Zhang. "Continuous and noninvasive estimation of arterial blood pressure using a photoplethysmographic approach." Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th Annual International Conference of the IEEE. Vol. 4. IEEE, 2003.

[32] E. O'Brien, B. Waeber, G. Parati, J. Staessen and M. Myers, "Blood pressure measuring devices: recommendations of the European Society of Hypertension," Bmj, vol. 322, no. 7285, pp. 531–536, 2001

[33]Yamakoshi, K., Shimazu, H., Shibata, M. & Kamiya, A. New oscillometric method for indirect measurement of systolic and mean arterial pressure in the human finger. Part 1: Model experiment. Med. Biol. Eng. Comput. 20, 307–313, https://doi.org/10.1007/ BF02442797 (1982)

[34] P. Shaltis, A. Reisner, and H. Asada, "Calibration of the photo- plethysmogram to arterial blood pressure: capabilities and limitations for continuous pressure monitoring," in Proceedings of EMBC-05, Shanghai, China, January 2005, pp. 3970–3973.

[35] A. Goldberger, L. Amaral, L. Glass, J. Hausdorff, P. Ivanov, R. Mark, J. Mietus, G. Moody, C. Peng and H. Stanley, "Physiobank, physiotoolkit, and physionet components of a new research resource for complex physiologic signals," Circulation, vol. 101, no. 23, pp. 215–220, 2000.

[36] A. Esmaili, M. Kachuee, M. Shabany, Nonlinear Cuffless Blood Pressure Estimation of Healthy Subjects Using Pulse Transit Time and Arrival Time, IEEE Transactions on Instrumentation and Measurement, 2017.