DAFTAR PUSTAKA

American Optometric Association. (2021). *Visual Acuity*.

Angkawijaya, M., Abdillah, B. R., Tarigan, N., & Kadaryati. (2020). Pemeriksaan Refraksi Subyektif Dengan Menggunakan Kartu Logmar 50 Cm. *Jurnal Mata Optik*, *1*(2), 9–14.

Aninye, I. O., Digre, K., Hartnett, M. E., Baldonado, K., Shriver, E. M., Periman, L. M., Grutzmacher, J., Clayton, J. A., Chew, E. Y., Fountain, T. R., Gordon, L. K., Jorkasky, J. F., & Wong, N. M. (2021). The roles of sex and gender in women's eye health disparities in the United States. *Biology of Sex Differences*, *12*(1), 1–8. https://doi.org/10.1186/S13293-021-00401-3/TABLES/2

Astigmatism | AOA. (n.d.). Retrieved March 31, 2022, from https://www.aoa.org/healthy-eyes/eye-and-vision-conditions/astigmatism?sso=y

Astigmatism | Eye Specialists of Illinois | Park Ridge, IL. (n.d.). Retrieved November 11, 2022, from https://www.eyespecialistsofillinois.com/astigmatism/

Bastawrous, A., Rono, H. K., Livingstone, I. A. T., Weiss, H. A., Jordan, S., Kuper, H., & Burton, M. J. (2015a). Development and validation of a smartphone-based visual acuity test (peek acuity) for clinical practice and Community-Based Fieldwork. *JAMA Ophthalmology*, *133*(8), 930–937. https://doi.org/10.1001/jamaophthalmol.2015.1468

Bastawrous, A., Rono, H. K., Livingstone, I. A. T., Weiss, H. A., Jordan, S., Kuper, H., & Burton, M. J. (2015b). Development and validation of a smartphone-based visual acuity test (peek acuity) for clinical practice and Community-Based Fieldwork. *JAMA Ophthalmology*, *133*(8), 930–937. https://doi.org/10.1001/jamaophthalmol.2015.1468

Bennett, C. R., Bex, P. J., Bauer, C. M., & Merabet, L. B. (2019). The Assessment of Visual Function and Functional Vision. *Seminars in Pediatric Neurology*, *31*, 30. https://doi.org/10.1016/J.SPEN.2019.05.006

Bhaskaran, A., Babu, M., Abhilash, B., Sudhakar, N., & Dixitha, V. (2022). Comparison of smartphone application-based visual acuity with traditional visual

acuity chart for use in tele-ophthalmology. *Taiwan Journal of Ophthalmology*, *12*(2), 155–163. https://doi.org/10.4103/tjo.tjo_7_22

Bourne, R. R. A., Steinmetz, J. D., Flaxman, S., Briant, P. S., Taylor, H. R., Resnikoff, S., Casson, R. J., Abdoli, A., Abu-Gharbieh, E., Afshin, A., Ahmadieh, H., Akalu, Y., Alamneh, A. A., Alemayehu, W., Alfaar, A. S., Alipour, V., Anbesu, E. W., Androudi, S., Arabloo, J., … Vos, T. (2021). Trends in prevalence of blindness and distance and near vision impairment over 30 years: An analysis for the Global Burden of Disease Study. *The Lancet Global Health*, *9*(2), e130–e143. https://doi.org/10.1016/S2214-109X(20)30425-3

Caltrider, D., & Gupta, A. (2022). *Evaluation Of Visual Acuity Article*. https://www.statpearls.com/ArticleLibrary/viewarticle/35714

Carr, B. J., & Stell, W. K. (2017). The Science Behind Myopia. *Webvision: The Organization of the Retina and Visual System*.

Castellanos, E., Gunvant Davey, P., & Remick-Waltman, K. (2019). *Can refractive error impact the academic performance? | IOVS | ARVO Journals*. https://iovs.arvojournals.org/article.aspx?articleid=2746351

Centers for Disease Control and Prevention. (2021). *Tips to prevent vision loss*. https://www.cdc.gov/visionhealth/risk/tips.htm

Chuck, R. S., Jacobs, D. S., Lee, J. K., Afshari, N. A., Vitale, S., Shen, T. T., & Keenan, J. D. (2018). Refractive Errors & Refractive Surgery Preferred Practice Pattern®. *Ophthalmology*, *125*(1), P1–P104. https://doi.org/10.1016/j.ophtha.2017.10.003

Cooper, J. (2018). Etiology and Management of Myopia: A Clinical Guide. *Advances in Ophthalmology and Optometry*, *4*, 39–64. https://doi.org/10.1016/j.yaoo.2019.04.015

de Venecia, B., Bradfield, Y., Trane, R. M., Bareiro, A., & Scalamogna, M. (2018). Validation of peek acuity application in pediatric screening programs in Paraguay. *International Journal of Ophthalmology*, *11*(8), 1384–1389. https://doi.org/10.18240/ijo.2018.08.21

Dewi Sari, M. (2018). *Aqueous Humor Dynamics*.

Elshout, M., Webers, C. A., van der Reis, M. I., de Jong-Hesse, Y., & Schouten, J. S. (2017). Tracing the natural course of visual acuity and quality of life in neovascular age-related macular degeneration: A systematic review and quality of life study. In *BMC Ophthalmology* (Vol. 17, Issue 1). BioMed Central Ltd. https://doi.org/10.1186/s12886-017-0514-3

Evani, S., Witono, A. A., Junaidi, F. J., Az-Zahra, K., & Dian Harapan, R. (n.d.). *Perbandingan Hasil Pemeriksaan Tajam Penglihatan Menggunakan Kartu Snellen dan Aplikasi Smartphone PEEK Acuity pada Anak Usia 5-6 Tahun*.

Fajrin, H. R., Adnan, R. N., Irfan, M., & Sari, I. P. (2020). Electronic Snellen Chart with Bluetooth Connection and Smartphone App. *IOP Conference Series: Materials Science and Engineering*, *851*(1). https://doi.org/10.1088/1757-899X/851/1/012018

Haradhan Chowdhury, P., Haren Shah, B., & Chowdhury, H. (2021). Basics of Anatomy and Physiology of Cornea. In *Acta Scientific Ophthalmology* (Vol. 4). www.actascientific.com/submission.php

Hashemi, H., Fotouhi, A., Yekta, A., Pakzad, R., Ostadimoghaddam, H., & Khabazkhoob, M. (2018). Global and regional estimates of prevalence of refractive errors: Systematic review and meta-analysis. *Journal of Current Ophthalmology*, *30*(1), 3–22. https://doi.org/10.1016/j.joco.2017.08.009

Hennelly, M. L. (2019). How to detect myopia in the eye clinic. *Community Eye Health Journal*, *32*(105), 15–16.

Ilyas, S., & Yulianti, S. R. (2019). *Ilmu Penyakit Mata Edisi Kelima*. Badan Penerbit Fakultas Kedokteran Universitas Indonesia.

Irawati, Y., Bani, A. P., Gabriella, K., Fitriana, A., Paramita, C., Susiyanti, M., Rahayu, T., Andayani, G., & Lestari, Y. D. (2020). Peek acuity vs snellen chart for visual impairment screening in leprosy: A cross-sectional study. *Leprosy Review*, *91*(3), 262–273. https://doi.org/10.47276/lr.91.3.262

Juanarta, P., Natalya, S., Departemen, S., Kesehatan, I., Fakultas, M., Universitas, K., Pusat, P., Nasional, M., Sakit, R., & Cicendo, M. (2021). *Karakteristik Pasien*

Miopia Di Poli Refraksi, Lensa Kontak, Dan Low Vision Pusat Mata Nasional Rumah Sakit Mata Cicendo Periode Januari-Desember Tahun 2020.

Kawamoto, K., Stanojcic, N., Li, J. P. O., & Thomas, P. B. M. (2021). Visual Acuity Apps for Rapid Integration in Teleconsultation Services in all Resource Settings: A Review. In *Asia-Pacific Journal of Ophthalmology* (Vol. 10, Issue 4, pp. 350–354). Lippincott Williams and Wilkins. https://doi.org/10.1097/APO.0000000000000384

Kumar, N., Jangra, B., Jangra, M. S., & Pawar, N. (2018). Risk factors associated with refractive error among medical students. *International Journal Of Community Medicine And Public Health*, *5*(2), 634–638. https://doi.org/10.18203/2394-6040.IJCMPH20170241

Liu, H., Ren, S., Sun, Q., Bai, Y., Zhai, L., Wei, W., & Jia, L. (2022). Sleep time and homework hours/daily are associated with reduced visual acuity among school students aged 9–18 in Shenyang in 2016. *European Journal of Ophthalmology*, *32*(2), 1236–1241. https://doi.org/10.1177/11206721211008040

Majumdar, S., & Tripathy, K. (2022). Hyperopia. *Encyclopedia of the Eye*, 257–262. https://doi.org/10.1016/B978-0-12-374203-2.00244-X

Marsden, J., Stevens, S., & Ebri, A. (2014). How to measure distance visual acuity. *Community Eye Health*, *27*(85), 16.

Perkins, E. S., & Davson, H. (2021). *human eye | Definition, Anatomy, Diagram, Function, & Facts | Britannica*. https://www.britannica.com/science/human-eye

Pusat Data dan Informasi Kementrian Kesehatan RI (InfoDATIN). (2018). InfoDATIN Situasi Gangguan Penglihatan. *Kementrian Kesehatan RI Pusat Data Dan Informasi*.

Rahayu, A. (2019). *Fisiologi Penglihatan*.

Refractive Errors | National Eye Institute. (2020). https://www.nei.nih.gov/learn-about-eye-health/eye-conditions-and-diseases/refractive-errors

Riordan-Eva, P., & Augsburger, J. J. (Eds.). (2019). *Vaughan & Asbury's General Ophtalmology, 19th Ed.* (19th ed.). EGC.

Samanta, A., Shetty, A., & Nelson, P. C. (2020). Better one or two? A systematic review of portable automated refractors. *Journal of Telemedicine and Telecare*. https://doi.org/10.1177/1357633X20940140

Satgunam, P. N., Thakur, M., Sachdeva, V., Reddy, S., & Rani, P. K. (2021). Validation of visual acuity applications for teleophthalmology during COVID-19. *Indian Journal of Ophthalmology*, *69*(2), 385–390. https://doi.org/10.4103/ijo.IJO_2333_20

Sekar Laras, D., & Aditya Sukma, D. (2022). *Perbandingan Hasil Pemeriksaan Tajam Penglihatan Jauh Antara Aplikasi Perangkat Lunak Peek Acuity Dengan Snellen Chart*. *XVI*, 118–126.

Shaqiri, A., Roinishvili, M., Grzeczkowski, L., Chkonia, E., Pilz, K., Mohr, C., Brand, A., Kunchulia, M., & Herzog, M. H. (2018). Sex-related differences in vision are heterogeneous. *Scientific Reports*, *8*(1). https://doi.org/10.1038/s41598-018-25298-8

Sihiten, P. M. (2018). *Fisiologi Tajam Penglihatan*.

Teutsch, S. M., McCoy, M. A., Woodbury, R. B., & Welp, A. (Eds.). (2016). *Making Eye Health a Population Health Imperative*. National Academies Press. https://doi.org/10.17226/23471

Tiraset, N., Poonyathalang, A., Padungkiatsagul, T., Deeyai, M., Vichitkunakorn, P., & Vanikieti, K. (2021). Comparison of visual acuity measurement using three methods: Standard etdrs chart, near chart and a smartphone-based eye chart application. *Clinical Ophthalmology*, *15*, 859–869. https://doi.org/10.2147/OPTH.S304272

Visual Acuity | AOA. (2021). https://www.aoa.org/healthy-eyes/vision-and-vision-correction/visual-acuity?sso=y

Wati, R. (2018). Akomodasi dalam Refraksi. *Jurnal Kesehatan Andalas*, *7*(Supplement 1), 13. https://doi.org/10.25077/jka.v7i0.765

World Health Organization. (2021). *Blindness and vision impairment*. https://www.who.int/news-room/fact-sheets/detail/blindness-and-visual-impairment

Zelika, R. P., Wildan, A., & Prihatningtias, R. (2018). *Bab II Tinjauan Pustaka - Faktor-Faktor yang Berhubungan dengan Kepatuhan Pemakaian Kacamata pada Anak Sekolah*. *7*, 8–22.

Zhao, L., Stinnett, S. S., & Prakalapakorn, S. G. (2019). Visual Acuity Assessment and Vision Screening Using a Novel Smartphone Application. *Journal of Pediatrics*, *213*, 203-210.e1. https://doi.org/10.1016/j.jpeds.2019.06.021