

## DAFTAR PUSTAKA

- Aashna, Mehta, et al. (2022). Embracing robotic surgery in low- and middle-income countries: Potential benefits, challenges, and scope in the future, *Annals of Medicine and Surgery*, Volume 84, 2022, 104803, ISSN 2049-0801, <https://doi.org/10.1016/j.amsu.2022.104803>.
- Aditama, T. Y. (2016). *Hukum Kesehatan dan Informed Consent*. Jakarta: UI Press, hlm. 22.
- Advancing Safety in Health Technology, ANSI/AAMI/IEC. (2020). ANSI/AAMI/IEC 80601-2-78:2020; Medical electrical equipment—Part 2-78: Particular requirements for basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation.
- Aggarwal, S. (2016). Maintaining regulatory compliance in medical devices through ISO 13485 and 14971, *Cancer Therapy & Oncology International Journal*, 2, <https://doi.org/10.19080/CTOIJ.2016.02.555589>.
- Al-Rashid, S., & Carter, M. (2021). *Legal Implications of Robotic Surgery in Modern Healthcare*. London: Medical Law Review Press, hlm. 14.
- Alemzadeh, H., Raman, J., Leveson, N., Kalbarczyk, Z., & Iyer, R. K. (2016). Adverse events in robotic surgery: A retrospective study of 14 years of FDA data, *PLOS ONE*, 11(4), e0151470, <https://doi.org/10.1371/journal.pone.0151470>.
- American College of Surgeons. (2022). Telehealth, <https://www.facs.org/for-medical-professionals/practice-management/telehealth/>.
- Anderson, T., & Shah, R. (2021). Legal Frameworks in Remote Robotic Surgery: Shared Responsibility in AI-Driven Care. *Journal of Law and Medicine*, 28(3), hlm. 200–215.

Anvari, M. (2007). Remote Surgery: The Canadian Experience. *Surgical Endoscopy*, 21(4), 537–541.

Anwar, Arman. (2022). *Hukum Kesehatan Praktik Kedokteran Telemedicine*. Penerbit Buku Pendidikan Deepublish.

Aqzah, A. N. (2025). Analisis yuridis terhadap penggunaan teknologi bedah robotik (robotic telesurgery) dalam perspektif hukum kesehatan (Skripsi).

Azhar, M., & Handayani, U. (2023). Perlindungan Hukum Terhadap Korban Malpraktik Layanan Kesehatan Berbasis Telemedicine. *Law, Development and Justice Review*, 6(1), 51-65. <https://doi.org/10.14710/ldjr.6.2023.51-65>

A Sulaiman, M. B. (2024). Implementation of Consumer Personal Data Protection in Ecommerce from the Perspective of Law No. 27 of 2022. *jurnal Word of Science (JWS)*, 410-418.

Badan Kebijakan Kesehatan, Kementerian Kesehatan. (2022). Teknologi bedah robotik di Indonesia, <https://www.badankebijakan.kemkes.go.id/teknologi-bedah-robotik-di-indonesia/>.

Bagwan, M. B., Joshi, T., Goswami, R., Patil, R., Sharma, V., & Wani, L. (2025). Liability in robotic surgery: Legal frameworks and case studies, *Journal of Neonatal Surgery*, 14, 70–77, <https://doi.org/10.52783/jns.v14.1659>.

Bahler, C. D., & Sundaram, C. P. (2014). Training in robotic surgery: Simulators, surgery, and credentialing, *Urologic Clinics of North America*, 41(4), 581–589, <https://doi.org/10.1016/j.ucl.2014.07.012>.

Balqish, N. Z., & Marzaman, A. P. (2025). Peran keamanan siber dalam melindungi data kesehatan: Tanggung jawab negara dan lembaga internasional dalam era digital, *Triwikrama: Jurnal Ilmu Sosial*, 8(4).

- Barba, P., Stramiello, J., Funk, E. K., Richter, F., Yip, M. C., & Orosco, R. K. (2022). Remote telesurgery in humans: A systematic review, *Surgical Endoscopy*, 36(5), 2771–2777, <https://doi.org/10.1007/s00464-022-09074-4>
- Beauchamp, T. L., & Childress, J. F. (2013). *Principles of Biomedical Ethics* (7th ed.). Oxford University Press, hlm. 112, <https://doi.org/10.1093/occmed/kqu158>
- Bhatia, N. (2021). Telesurgery and the Law. In: Kumar, S., Marescaux, J. (eds) *Telesurgery*. Springer, Berlin, Heidelberg. [https://doi.org/10.1007/978-3-540-72999-0\\_14](https://doi.org/10.1007/978-3-540-72999-0_14)
- Buana, M. S. (2010). Hubungan tarik-menarik antara asas kepastian hukum (legal certainty) dengan asas keadilan (substantial justice) dalam putusan-putusan Mahkamah Konstitusi.
- Budiarsih, S., M.Hum., Ph.D, & Machru, B. R. I. A. (2023). Kajian Perlindungan Hukum Pasien Terhadap Praktik Telemedicine Di Indonesia. <https://doi.org/10.17605/OSF.IO/Y7RKQ>
- Bonsapia, M., & Jumiran. (2025). Aspek hukum telemedicine di Indonesia, *The Juris*, 9(1), 259–268, <https://doi.org/10.56301/juris.v9i1.1636>.
- Center for Indonesia Strategic Development Initiatives (CISDI). (2024). Daftar inventarisasi masalah: Rancangan Peraturan Pemerintah turunan UU Kesehatan.
- Choudhury, N., Aggarwal, R., & Darzi, A. (2020). Surgical Telesimulation and Telesurgery: A Review of Progress. *Surgical Innovation*, 27(5), 520–528.
- Chu, G., Guan, B., Ji, X., Yu, X., Yang, R., Besli, S., Zhao, J., Gao, Y., Wang, J., Wang, S., Li, J., & Niu, H. (2025). Global trends and insights of telesurgery research: A bibliometric analysis of publications since the 21st century,

Surgical Endoscopy, 39(5), 3259–3284, <https://doi.org/10.1007/s00464-025-11697-2>

Contaldo MT, Triggiani S, Vignati G, Bracchi D, Carrafiello G. (2025). Legal Implication in Utilizing Automated Robots: A Written Informed Consent Form Proposal. *Int J Med Robot*. 2025;21(2):e70064. doi:10.1002/rcs.70064

Das, R., Baishya, N. J., & Bhattacharya, B. (2023). A review on tele-manipulators for remote diagnostic procedures and surgery, *CSI Transactions on ICT*, 11(1), 31–37.

De Paola, L., Treglia, M., Napoletano, G., Treves, B., Ghamlouch, A., & Rinaldi, R. (2025). Legal and forensic implications in robotic surgery, *Clinical Therapeutics (Clin Ter)*, 176(2), 233–240, doi:10.7417/CT.2025.5211.

Dewayanti, Irma & Suyno, Arief. (2023). Tinjauan Etika dan Hukum Praktik Kedokteran Melalui Telemedicine Pasca Pandemi COVID-19. *Universitas Sebelas Maret: Jurnal Hukum dan Pembangunan Ekonomi* Vol 11 No. 1. <https://doi.org/10.20961/hpe.v11i1.68662>

Dewi, N. K. D. C., & Primantari, A. A. A. (2025). Pertanggungjawaban perdata malpraktik medis berdasarkan undang-undang tentang kesehatan, *Jurnal Media Akademik (JMA)*, 3(10).

Dickens, B. M., & Cook, R. J. (2006). Legal and ethical issues in telemedicine and robotics, *International Journal of Gynaecology and Obstetrics*, 94(1), 73–78, <https://doi.org/10.1016/j.ijgo.2006.04.023>.

Efrila, T. A. S., & Adrian, R. (2024). Perlindungan hukum terhadap dokter pada perubahan prosedur operasi laparoskopi ke laparotomi di rumah sakit dalam perspektif hukum kesehatan di Indonesia, *INNOVATIVE: Journal of Social Science Research*, 4(5), 6767–6778.

Elendu, C., Amaechi, D. C., Elendu, T. C., Jingwa, K. A., Okoye, O. K., John Okash, M., Ladele, J. A., Farah, A. H., & Alimi, H. A. (2023). Ethical implications of AI and robotics in healthcare: A review. *Medicine*, 102(50), e36671. <https://doi.org/10.1097/MD.00000000000036671>

Emanuel, E. J., Persad, G., & Upshur, R. (2022). Legal and ethical challenges of robotic surgery. *The Lancet Digital Health*, 4(3), 156–164.

Ernstmeyer, K., & Christman, E., editors. (2022). *Nursing: Mental Health and Community Concepts* [Internet], Eau Claire (WI), Chippewa Valley Technical College, Chapter 2 Therapeutic Communication and the Nurse-Client Relationship, <https://www.ncbi.nlm.nih.gov/books/NBK590036/>

European Commission. (2022). Medical Device Regulation (MDR) and In Vitro Diagnostic Regulation (IVDR). <https://ec.europa.eu>

European Union. (2025). General Data Protection Regulation: Chapter 1, Articles 1–4 (General Provisions), <https://gdpr-info.eu/>.

Faatiha, N. A., Madjid, A., & Maharani, F. (2025). Urgensi pengaturan hukum dan tanggung jawab dalam telesurgery di Indonesia, *RechtJiva*, 2(2), 300–317, <https://doi.org/10.21776/rechtjiva.v2n2.7>.

Farisa, G., & Budhiawan, A. (2025). Tanggung jawab atas terjadinya wanprestasi yang dilakukan oleh tenaga medis dalam perjanjian terapeutik, *Rewang Rencang: Jurnal Hukum Lex Generalis*, 6(4).

Ferrarese, A., Pozzi, G., Borghi, F., et al. (2016). Informed consent in robotic surgery: Quality of information and patient perception, *Open Medicine (Warsaw)*, 11(1), 279–285, <https://doi.org/10.1515/med-2016-0054>.

Fibrini, D. (2024). Perlindungan Hukum terhadap Tenaga Kesehatan dalam Melakukan Tindakan, *IURIS STUDIA: Jurnal Kajian Hukum*, Vol. 5 Nomor 2.

Firdaus, A. (2023). Selamat datang di era robotic surgery, Antara – Kantor Berita Indonesia.

Fitriana, D., & Dewi, A. (2025). Persetujuan tindakan medis (informed consent) sebagai upaya perlindungan hukum bagi dokter dalam melakukan tindakan medis, *UNES Law Review*, 8, 130–139, <https://doi.org/10.31933/unesrev.v8i1.2457>.

Friedman, L. M. (1975). *The legal system: A social science perspective*. Russell Sage Foundation.

Fuady, M. (2001). *Op. Cit.* Citra Aditya Bakti.

Fukushima, H., Kinoshita, H., & Takahashi, M. (2020). Robotic surgery in Japan: Trends and innovations. *Journal of Robotic Surgery*, 14(2), 78–83

Ghodoossi, M., Butner, S. E., & Wang, Y. (2002). Robotic surgery: Past, present and future. *IEEE Engineering in Medicine and Biology*, 21(3), 100–104.

Gifford, R. W. (1977). *Primum non nocere*, *JAMA*, 238(7), 589–590, <https://doi.org/10.1001/jama.1977.03280070029018>.

Gordon, W. J., Ikoma, N., Lyu, H., et al. (2022). Protecting procedural care—cybersecurity considerations for robotic surgery, *npj Digital Medicine*, 5, 148, <https://doi.org/10.1038/s41746-022-00693-8>.

Graur, F. et al. (2010). Ethics in Robotic Surgery and Telemedicine. In: Pislă, D., Ceccarelli, M., Husty, M., Corves, B. (eds) *New Trends in Mechanism Science. Mechanisms and Machine Science*, vol 5. Springer, Dordrecht. [https://doi.org/10.1007/978-90-481-9689-0\\_53](https://doi.org/10.1007/978-90-481-9689-0_53)

Gruskin, S., & Tarantola, D. (2008). Health and human rights. In the *International Encyclopedia of Public Health*.

Guthart, G., & Salisbury, J. K. Jr. (2000). The Intuitive™ telesurgery system: Overview and application, Proceedings of the IEEE International Conference on Robotics and Automation, 1, 618–621, <https://doi.org/10.1109/ROBOT.2000.844121>

Guthrie, P. (2014). Robotic surgical system under scrutiny, CMAJ, 186(1), 22, <https://doi.org/10.1503/cmaj.109-4648>.

Hadjon, P. M. (1987). Perlindungan hukum bagi rakyat di Indonesia (pp. 25–46). Surabaya: Bina Ilmu.

Hadjon, P. M. (2011). Pengantar hukum administrasi Indonesia. Gadjah Mada University Press.

Haidegger, T. (2019). Autonomy for surgical robots: Concepts and paradigms. IEEE Transactions on Medical Robotics and Bionics, 1(1), 1–9.

Haltaufderheide, J., Pfisterer-Heise, S., Pieper, D., et al. (2025). The ethical landscape of robot-assisted surgery: A systematic review, Journal of Robotic Surgery, 19, 102, <https://doi.org/10.1007/s11701-025-02228-1>.

Handijani, J., & Nugroho, M. A. (2023). Tinjauan terhadap praktik kedokteran dan kesehatan berdasarkan prinsip etika confidentiality yang berpedoman terhadap hukum kesehatan, Jurnal Ilmiah Indonesia, 8(11).

Hansen, RN, et al. (2022). Opportunities and Barriers to Rural Telerobotic Surgical Health Care in 2021: Report and Research Agenda from a Stakeholder Workshop. Telemedicine and e-Health. Vol: 28 Issue 7. <http://doi.org/10.1089/tmj.2021.0378>.

Hamid, A. R. A. H. (2024). Masa depan bedah telerobotik, Medical Journal of Indonesia, 33(3).

Hariwibowo, FA., (2024)., Analisis Regulasi Telemedicine: Perlindungan Hukum dan Implikasi bagi Tenaga Kesehatan, Prosiding Masyarakat Hukum Kesehatan Indonesia, Vol 04, No, 01, 2024.

Hartiningsih, R. H. (2020). Pola hubungan hukum antara dokter dan pasien, MAKSIGAMA: Jurnal Ilmiah Hukum, 14(1), <https://doi.org/10.37303/maksigama.v14i1.88>.

Hasanah, L. (2022). Tanggung jawab hukum dokter dalam telemedicine: Perspektif hukum perdata. Jurnal Hukum Kesehatan Indonesia, 7(2), 43–56.

Hiba, B. H., Hoteit, & Ftouni, H. (2025). The role of robotic telesurgery and telementoring in low- and middle-income countries, Impact Surgery, 2(7), 245–246, <https://doi.org/10.62463/surgery.284>.

Hong, S.-Y., & Qin, B.-L. (2024). Recent advances in robotic surgery for urologic tumors, Medicina, 60(10), 1573, <https://doi.org/10.3390/medicina60101573>

Huda, M. (2022). Summum ius summa injuria: Keadilan tertinggi adalah ketidakadilan tertinggi. Kalimedia, hlm. 15

International Electrotechnical Commission. (2021). IEC 80001-1:2021 – Application of risk management for IT-networks incorporating medical devices, Part 1: Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software (Edition 2).

Intuitive Surgical & Computer Motion. (2003). Merger announcement, <https://isrg.intuitive.com/news-releases/news-release-details/intuitive-surgical-and-computer-motion-announce-merger-agreement>.

Jaya, A. E. N., Tajuddin, M. A., Parera, Z., Badilla, N. W. Y., & Rado, R. H. (2022). Perlindungan hukum profesi dokter dalam menghadapi sengketa medis, e-Journal Komunikasi Yustisia

Jones, A., Patel, R., & Mendes, L. (2022). Medical negligence and legal accountability in modern healthcare (p. 10). Routledge.

Jones, M., Alavi, S., & Kumar, N. (2022). Legal frameworks for robotic surgery: The role of human operators. *International Journal of Health Law*, 36(1), 9–20.

Jones, T., Elson, A., & McEwan, D. (2022). Legal challenges in robotic surgery and telemedicine. *Medical Law Review*, 30(1), 1–15.

Jin, ML, et al. (2021). Telemedicine, telementoring, and telesurgery for surgical practices. *Current Problems in Surgery*. Volume 58, Issue 12, 2021. <https://doi.org/10.1016/j.cpsurg.2021.100986>.

Kalalo, T. G. (2025). Tinjauan yuridis pengadaan dokter spesialis berbasis rumah sakit berdasarkan UU No. 17 Tahun 2023 tentang Kesehatan. <https://core.ac.uk/download/652148091.pdf>.

Karolin, YN & Mardijono, A. (2024). Regulasi Penggunaan Teknologi Robotik Telesurgery dalam Praktik Kedokteran. *IBLAM LAW REVIEW*, 4(1), 247–256. <https://doi.org/10.52249/ilr.v4i1.247>

Kautsar, I. A., & Muhammad, D. W. (2022). Sistem hukum modern Lawrence M. Friedman: Budaya hukum dan perubahan sosial masyarakat dari industrial ke digital, *Jurnal Sapientia et Virtus*, 7(2).

Kelsen, Hans. (1971). *General Theory of Law and State*. Cetakan VII, Nusa Media, Bandung.

Koh, D. H., Jang, W. S., Park, J. W., Ham, W. S., Han, W. K., Rha, K. H., & Choi, Y. D. (2018). Efficacy and safety of robotic procedures performed using the da Vinci robotic surgical system at a single institute in Korea: Experience with 10,000 cases, *Yonsei Medical Journal*, 59(8), 975–981, <https://doi.org/10.3349/ymj.2018.59.8.975>

Kumar Singh, S., Sharma, J., Manoj Joshua, L., Huda, F., Kumar, N., & Basu, S. (2023). Telesurgery and Robotics: Current Status and Future Perspectives. IntechOpen. doi: 10.5772/intechopen.107465

Kuntardjo, C. (2020). Dimensions of Ethics and Telemedicine in Indonesia: Enough of Permenkes Number 20 Year 2019 As a Frame of Telemedicine Practices in Indonesia?. SOEPRA, 6(1), 1 - 14. doi:<https://doi.org/10.24167/shk.v6i1.2606>

Kementerian Kesehatan Republik Indonesia. (2024). Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/Menkes/1630/2024 tentang Pemberhentian Anggota Majelis Kehormatan Disiplin.

Kementerian Kesehatan Republik Indonesia. (2022). Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/1128/2022 tentang Standar Akreditasi Rumah Sakit.

Kementerian Kesehatan Republik Indonesia. (2022). Digitalisasi sektor kesehatan permudah akses masyarakat. Jakarta: Direktorat Jenderal Pelayanan Kesehatan.

Kementerian Kesehatan Republik Indonesia. (2024). Pengembangan robotic telesurgery di RSUP Dr. Hasan Sadikin Bandung, <https://web.rshs.go.id/pengembangan-robotic-telesurgery-di-rsup-dr-hasan-sadikin-bandung/>.

Kementerian Kesehatan Republik Indonesia. (2022). Kemenkes bentuk Pusat Bedah Robotik Indonesia, <https://kemkes.go.id/id/kemenkes-bentuk-pusat-bedah-robotik-indonesia>.

Kim, J., Lee, S. H., & Park, H. (2021). Ethical and legal challenges of robotic surgery. International Journal of Medical Robotics, 17(3), 210–217.

Kim, J., Park, H., & Lee, D. (2021). Legal and ethical perspectives on robotic surgery in the age of 5G. *Journal of Telemedicine and e-Health*, 27(2), 183–190.

Kirkpatrick, T., & LaGrange, C. (2016). *Robotic surgery: Risks vs. rewards*, PSNet. Rockville (MD): Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services.

Kluge, E.-H. W. (2022). *Health technologies and law: An ethical and legal approach to new medical frontiers* (p. 41). Cambridge University Press.

Kumar, A., & Kumar, B. N. (2020). The principles of surgical practice: Sushruta Samhita and its importance to present-day surgery, *Journal of Surgery: Open Access*, 6, <https://doi.org/10.16966/2470-0991.207>.

Kurniawan, D. (2022). Risiko hukum penggunaan robot bedah di rumah sakit Indonesia. *Jurnal Hukum & Kesehatan*, 3(1), 78–90.

Kusnadi, A. (2020). Hak Atas Kesehatan dalam Perspektif HAM. *Jurnal Hukum dan Kesehatan*, 2020, hlm. 110–122.

Lanfranco, A. R., Castellanos, A. E., Desai, J. P., & Meyers, W. C. (2004). Robotic surgery: A current perspective, *Annals of Surgery*, 239(1), 14–21, <https://doi.org/10.1097/01.sla.0000103020.19595.7d>

Lee, D. W. H., Tong, K. W., & Lai, P. B. S. (2021). Telehealth practice in surgery: Ethical and medico-legal considerations. *Surgical practice*, 25(1), 42–46. <https://doi.org/10.1111/1744-1633.12479>

Ludewigs, S., Narchi, J., Kiefer, L., et al. (2025). Ethics of the fiduciary relationship between patient and physician: The case of informed consent, *Journal of Medical Ethics*, 51, 59–66.

Mahendro, A. (2024). Bedah jarak jauh telerobotik: Uji coba alat sejak malam hingga dini hari, *DetikBali*, <https://apps.detik.com/detik/>.

Majelis Kehormatan Etik Kedokteran (MKEK). (2020). Pedoman Etik Dokter Indonesia. Jakarta: IDI, hlm. 22.

Malik, MH., Brinjikji, W. (2022). Feasibility of telesurgery in the modern era. The Neuroradiology Journal. 2022;35(4):423-426. 10.1177/19714009221083141

Mannas, YA., Elvandari, S. (2022). Aspek Hukum Telemedicine di Indonesia. Depok: PT RajaGrafindo Persada.

Mannas, YA. (2018). Hubungan Hukum Dokter dan Pasien Serta Tanggung Jawab Dokter Dalam Penyelenggaraan Pelayanan Kesehatan, Jurnal Cita Hukum, Vol 6, No 1, 2018

Manurung, H., Sianturi, H. M., Isnainul, O., & Sahbudi. (2024). Implikasi hukum atas penggunaan teknologi dalam pelayanan kesehatan telemedicine, Judge: Jurnal Hukum, 5(03), 91–97, <https://doi.org/10.54209/judge.v5i03.806>.

Marcus, H. J., Ramirez, P. T., Khan, D. Z., et al. (2024). The IDEAL framework for surgical robotics: Development, comparative evaluation and long-term monitoring, Nature Medicine, 30, 61–75, <https://doi.org/10.1038/s41591-023-02732-7>.

Maria, S. W. (2016). Filsafat Hukum. Jakarta: Prenadamedia Group, hlm. 48.

Mason and McCall Smith's Law and Medical Ethics (10th ed.). Oxford: Oxford University Press.

Mavroforou, Anna & Michalodimitrakis, E & Hatzitheo-Filou, C & Giannoukas, Athanasios. (2010). Legal and ethical issues in robotic surgery. International angiology : a journal of the International Union of Angiology. 29. 75-9.

Mehta, A., Andrew Awuah, W., Tunde Aborode, A., Cheng Ng, J., Candelario, K., Vieira, I. M. P., Bulut, H. I., Toufik, A. R., Hasan, M. M., & Sikora, V. (2022). Telesurgery's potential role in improving surgical access in Africa.

Annals of medicine and surgery, 82, 104511.  
<https://doi.org/10.1016/j.amsu.2022.104511>

MedLegal360. (2025). Da Vinci robotic surgery lawsuit – When robots err,  
<https://www.medlegal360.com/da-vinci-robotic-surgery-lawsuit/>.

Mendri, N. K. (2023). Ilmu Keperawatan Dasar. Poltekkes Kemenkes Yogyakarta,  
hlm. 189.

Merchant, S.(2021). Twenty Years of Telesurgery; Improving Healthcare Delivery  
to Underserved Locations. AIM by Merchant MD.  
<https://www.aimblog.io/2021/01/23/twenty-years-of-telesurgery-improving-healthcare-delivery-to-underserved-locations/>

Mertokusumo, Sudikno. (1993). Bab-Bab Tentang Penemuan Hukum. Citra Aditya  
Bakti: Bandung

Marescaux, J., Leroy, J., Gagner, M., Rubino, F., Mutter, D., & Vix, M. (2001).  
Transatlantic robot-assisted telesurgery. *Nature*, 413(6854), 372–375.

Majelis Kehormatan Etik Kedokteran. (2020). Pedoman Etik Dokter Indonesia (p.  
22). Jakarta: IDI.

Mason, J. K., & Laurie, G. T. (2017). Mason and McCall Smith's law and medical  
ethics (10th ed.). Oxford: Oxford University Press.

Michaleas, S. N., Laios, K., Charalabopoulos, A., Samonis, G., & Karamanou, M.  
(2022). Joseph Lister (1827–1912): A pioneer of antiseptic surgery, *Cureus*,  
14(12), e32777, <https://doi.org/10.7759/cureus.32777>.

Mill, J. S. (1863). Utilitarianism. London: Parker, Son, and Bourn.

Mishra, A., & Singhal, R. (2021). Robotics in surgery: Skill, risk and responsibility.  
*Surgical Technology International*, 39(1), 174–179.

Moeljatno. (2018). Asas-asas hukum perdata (p. 101). Jakarta: Rineka Cipta.Science, 171, 2618–2625, <https://doi.org/10.1016/j.procs.2020.04.284>.

Mohan, A., Wara, U. U., Arshad Shaikh, M. T., Rahman, R. M., & Zaidi, Z. A. (2021). Telesurgery and robotics: An improved and efficient era, Cureus, 13(3), e14124, <https://doi.org/10.7759/cureus.14124>

Mori, M., Hirano, S., Hakamada, K., Oki, E., Urushidani, S., Uyama, I., Eto, M., Ebihara, Y., Kawashima, K., Kanno, T., Kitsuregawa, M., Kinugasa, Y., Kobayashi, J., Nakamura, H., Noshiro, H., Mandai, M., & Morohashi, H. (2024). Clinical practice guidelines for telesurgery 2022: Committee for the promotion of remote surgery implementation, Japan Surgical Society, Surgery Today, 54(8), 817–828, <https://doi.org/10.1007/s00595-024-02863-5>.

Morrell, A. L. G., Morrell-Junior, A. C., Morrell, A. G., Mendes, J. M. F., Tustumi, F., de-Oliveira-e-Silva, L. G., & Morrell, A. (2021). The history of robotic surgery and its evolution: When illusion becomes reality, Revista do Colegio Brasileiro de Cirurgioes, 48, e20202798, <https://doi.org/10.1590/0100-6991e-20202798>.

Muhammad Syukri Albani Nasution, Hukum dalam Pendekatan Filsafat, Ctk. Kedua, Kencana, Jakarta, 2017

Mokodompit, S. H. I., Gusniarjo, et al. (2025). Hukum Kesehatan. Yayasan Bina Lentera Insan, hlm. 84, doi:10.57207/641938.

Morohashi, H., Hakamada, K., Kanno, T. et al. (2022). Social implementation of a remote surgery system in Japan: a field experiment using a newly developed surgical robot via a commercial network. Surg Today 52, 705–714. <https://doi.org/10.1007/s00595-021-02384-5>

Munir Fuady. (2003). Hukum Kontrak (Dari Sudut Pandang Hukum Bisnis). Buku Kedua. Bandung: Citra Aditya Bakti

Munir Fuady. (2013). *Teori-teori Besar (Grand Theory) Dalam Hukum*. Jakarta: Kencana

Mursalat, M. H., Fakhriah, E. L., & Handayani, T. (2022). Problematika Yuridis Dan Prinsip Perlindungan Hukum Dalam Pelayanan Kesehatan Jarak Jauh Menggunakan Teknologi Informasi Dan Komunikasi. *Jurnal Poros Hukum Padjadjaran*, 4(1), 94-111. <https://doi.org/10.23920/jphp.v4i1.986>

Nagpure, D., & Asutkar, S. (2024). Tele-surgery and remote procedures: The future of global surgical care, *Multidisciplinary Reviews*, 8(5), 2025147, <https://doi.org/10.31893/multirev.2025147>.

Naik, N., Hameed, B. M. Z., Shetty, D. K., Swain, D., Shah, M., Paul, R., Aggarwal, K., Ibrahim, S., Patil, V., Smriti, K., Shetty, S., Rai, B. P., Chlosta, P., & Somani, B. K. (2022). Legal and ethical consideration in artificial intelligence in healthcare: Who takes responsibility?, *Frontiers in Surgery*, 9, 862322, <https://doi.org/10.3389/fsurg.2022.862322>

Nariswari, I. A. I. (2025). Pengaturan kebaruan praktik kedokteran dalam Undang-Undang Nomor 17 Tahun 2023 tentang Kesehatan, *Jurnal Magister Hukum Udayana (Udayana Master Law Journal)*, 14(3), 752–763.

Nasir, M., Siddiqui, K., & Ahmed, S. (2025). Ethical-legal implications of AI-powered healthcare in critical perspective, *Frontiers in Artificial Intelligence*, 8, 1619463, <https://doi.org/10.3389/frai.2025.1619463>

Nasution, R. (2020). Aspek hukum dalam penggunaan teknologi medis di Indonesia. *Jurnal Hukum Kesehatan Indonesia*, 8(2), 118–126.

National University Hospital. (2023). The dawn of robotic tele-surgery, <https://www.nuh.com.sg/health-resources/newsletter/envisioninghealth---changing-lives-one-idea-at-a-time/the-dawn-of-robotic-tele-surgery>.

Naurah, G., Saragih, Y. M., Pratiwi, S. D., & Iswahyudi. Perlindungan hukum pasien dari tindakan malpraktik menurut hukum kesehatan di Indonesia. Universitas Pembangunan Panca Budi, <https://doi.org/10.54209/judge.v6i02.1415>

Notoatmodjo, S. (2017). Etika dan Hukum Kesehatan. Jakarta: Rineka Cipta, hlm. 73–112.

Novianto, W. T. (2015). Penafsiran hukum dalam menentukan unsur-unsur kelalaian malpraktek medik (medical malpractice), *Yustisia*, 4(2), 488–503, <https://jurnal.uns.ac.id/yustisia/article/view/8670>, doi:10.20961/yustisia.v4i2.8670.

Ningsih, D. K. (2022). Hitam putih telemedicine dalam pelayanan kesehatan . Yogyakarta: Deepublish.

Nurhaliza, S., Mustamin, S. B., Saktilawati, W. O., Atnang, M., Fajar, N., & Sari, S. K. (2025). Transformasi Layanan Kesehatan melalui Telemedicine dan Telehealth: Tantangan, Peluang, dan Pendekatan Berpusat pada Pasien. *Jurnal Riset Sains dan Kesehatan Indonesia*, 2(2), 74–79. <https://doi.org/10.69930/jrski.v2i2.357>.

Nusawakan, D. (2024). Konsep perlindungan hukum di Indonesia terhadap hak pasien di rumah sakit, *Jurnal Hukum, Administrasi Negara, dan Kebijakan Publik*, 1(3), September.

Ogi, Y., Oshikiri, T., Egi, H., Ishimaru, K., Koga, S., Yoshida, M., Kikuchi, S., Akita, S., Matsumoto, H., & Sugishita, H. (2025). A prospective study on the enhancement of surgical safety in robotic surgery: The BirdView camera system, *Surgery Today*, 55(6), 746–753, <https://doi.org/10.1007/s00595-024-02975-y>.

Oki, E., Ando, K., Ota, M., Morohashi, H., Ebihara, Y., Hakamada, K., Hirano, S., Yoshizumi, T., & Mori, M. (2024). Gan to Kagaku Ryoho: Cancer & Chemotherapy, 51(10), 969–972.

Pai, S. N., Jeyaraman, M., Jeyaraman, N., Nallakumarasamy, A., & Yadav, S. (2023). In the hands of a robot: From the operating room to the courtroom – The medicolegal considerations of robotic surgery, *Cureus*, 15(8), e43634, doi:10.7759/cureus.43634.

Pancarini, R. A. (2022). Kemenkes latih 40 dokter bedah untuk kendalikan robot: Ini jenis operasi yang dilakukan jarak jauh, *Tribunnews*, <https://www.tribunnews.com/kesehatan/2022/07/01/kemenkes-latih-40-dokter-bedah-untuk-kendalikan-robot-ini-jenis-operasi-yang-dilakukan-jarak-jauh>

Pandav, K., Te, A. G., Tomer, N., Nair, S. S., & Tewari, A. K. (2022). Leveraging 5G technology for robotic surgery and cancer care, *Cancer Reports (Hoboken)*, 5(8), e1595, <https://doi.org/10.1002/cnr2.1595>.

Patel, H. R. H., & Raza, A. (2021). Robotics in urology: Legal and ethical perspectives. In H. Patel (Ed.), *Advances in Robotic Surgery* (pp. 200–220).

Patel, T. M., et al. (2019). Long-distance tele-robotic-assisted percutaneous coronary intervention: First-in-human experience, *eClinicalMedicine*, 14, 53–58.

Pugin, F., Bucher, P., & Morel, P. (2011). History of robotic surgery: From AESOP® and ZEUS® to da Vinci®, *Journal of Visceral Surgery*, 148(5, Supplement), e3–e8.

Putri, L. M. (2022). Informed consent dalam tindakan bedah jarak jauh: Perspektif hukum kesehatan, *Jurnal Bioetik dan Regulasi Medis*, 6(1), 93–101.

Putri, W., S. B. S. R. (2024). Analisis teori tujuan hukum Gustav Radbruch dalam kedudukan Majelis Penyelesaian Perselisihan Medis dalam Undang-Undang Nomor 17 Tahun 2023 tentang Kesehatan, <https://doi.org/10.52266/sangaji.v8i2.3463>.

Pozgar, G. D. (2020). *Legal Aspects of Health Care Administration* (13th ed.). Jones & Bartlett Learning, hlm. 115.

Primavita, S., Alawiya, N., & Afwa, U. (2021). Tanggung jawab hukum dokter dalam pelayanan telemedicine, *Soedirman Law Review*, 3(4), 580–598.

Prawiroharjo, Pukovisa & Pratama, Peter & Librianty, Nurfanida. (2019). Layanan Telemedis di Indonesia: Keniscayaan, Risiko, dan Batasan Etika. *Jurnal Etika Kedokteran Indonesia*. 3. 1. 10.26880/jeki.v3i1.27.

Primayani, FD., Pratama, MF., Putri, ZJ. (2023). Layanan Telemedicine: Aspek Hukum dan Perjanjian Terapeutik. *Soepa Jurnal Hukum Kesehatan*, 9(2), 183-199. <https://doi.org/10.24167/shk.v9i2.10624>.

Pham, T. (2025). Ethical and legal considerations in healthcare AI: Innovation and policy for safe and fair use, *Royal Society Open Science*, 12(5), 241873, <https://doi.org/10.1098/rsos.241873>.

Picozzi, Paola, Umberto Nocco, Greta Puleo, Chiara Labate, and Veronica Cimolin. (2024). "Telemedicine and Robotic Surgery: A Narrative Review (2001-2023) to Analyze Advantages, Limitations and Future Developments" *Electronics* 13, no. 1: 124. <https://doi.org/10.3390/electronics13010124>

Putra, S. (2001). Inspanningsverbintenis dan resultaatsverbintenis dalam transaksi terapeutik kaitannya dengan UU No. 8 Tahun 1999 tentang Perlindungan Konsumen, *Jurnal Hukum Ius Quia Iustum*, 8(18)

Putra, T. S. W. (2024). Etika utilitarianisme Jeremy Bentham sebagai basis posisi etis ekonomi Pancasila di Indonesia, *Economie*, 6(2), <https://doi.org/10.30742/economie.v6i2.3943>.

Raharjo, SW., Suwadi, P., Novianto, WT. (2024). An Ideal Regulatory Framework for Robotic Surgery Utilization In Indonesia. *Proceedings of the International Conference on Law, Economic & Good Governance (IC-LAW 2023). Advances in Social Science, Education and Humanities Research*. [https://doi.org/10.2991/978-2-38476-218-7\\_106](https://doi.org/10.2991/978-2-38476-218-7_106).

Rahardjo, S. (2014). Ilmu Hukum. Ctk. Kedelapan. Bandung: Citra Aditya Bakti.

Rahardjo, S. (2000). Ilmu Hukum. Bandung: Citra Aditya Bakti

Rahardjo, S. (2006). Hukum dan masyarakat (pp. 118–119). Bandung: Citra Aditya Bakti.

Raharjo, A. (2020). Tanggung jawab hukum dokter dalam perspektif disiplin profesi. *Jurnal Hukum dan Etika Kedokteran*, 12(3), 140–148.

Rahayu, S. (2021). Analisis yuridis terhadap UU Praktik Kedokteran dalam era digital. *Jurnal Ilmu Hukum Indonesia*, 7(2), 89–95.

Rahmanto, T. Y. (2025). Public participation in regulatory design: A public service perspective, *Jurnal Ilmu Pemerintahan: Kajian Ilmu Pemerintahan dan Politik Daerah*, 10(1), 20–31, <https://doi.org/10.24905/jip.10.1.2025.20-31>.

Rampton, V., Böhmer, M., & Winkler, A. (2022). Medical technologies past and present: How history helps to understand the digital era, *Journal of Medical Humanities*, 43(2), 343–364, <https://doi.org/10.1007/s10912-021-09699-x>.

Rawls, John. (1999). *A Theory of Justice*. cet. Ke-23, Massachusetts: Harvard University Press

Riad, A., Hadid, M., Elomri, A., Al-Ansari, A., Rejeb, M. A., Qaraqe, M., Dakua, S. P., Jaber, A. R., Al-Ansari, A., Aboumarzouk, O. M., & El Omri, A. (2025). Advancements and challenges in robotic surgery: A holistic examination of operational dynamics and future directions, *Surgery in Practice and Science*, 22, 100294, <https://doi.org/10.1016/j.sipas.2025.100294>.

Rivero-Moreno, Y., Echevarria, S., Vidal-Valderrama, C., Pianetti, L., Cordova-Guilarte, J., Navarro-Gonzalez, J., Acevedo-Rodríguez, J., Dorado-Avila, G., Osorio-Romero, L., Chavez-Campos, C., & Acero-Alvarracín, K. (2023). Robotic surgery: A comprehensive review of the literature and current trends, *Cureus*, 15(7), e42370, <https://doi.org/10.7759/cureus.42370>

Rochmadi, R., & Hoesein, Z.A. (2024). Enhancing Justice Through Responsive Law in Indonesia. *International Journal of Law, Crime and Justice*, 1(4), 01–09. <https://doi.org/10.62951/ijlcj.v1i4.203>

Rudiman, R., Mirbagheri, A. & Candrawinata, V.S. (2023). Assessment of robotic telesurgery system among surgeons: a single-center study. *J Robotic Surg* 17, 2757–2761. <https://doi.org/10.1007/s11701-023-01709-5>

Ryansyah, A. (2025). Efektivitas perlindungan hukum konsumen dalam kasus malpraktik medis pada jasa pelayanan kesehatan di Indonesia.

Saceanu, S., Soare, C., Surlin, V., & Patrascu, A. (2015). Telesurgery and robotic surgery: Ethical and legal aspects, *Journal of Community Medicine & Health Education*, 5, <https://doi.org/10.4172/2161-0711.1000355>.

Saepullah, A. A. ., Efrila, E., & Prasetyo , B. . (2025). Analisis Yuridis Defensive Medicine dalam Praktek Kedokteran. *Journal of Innovative and Creativity*, 5(3), 25159–25165. <https://doi.org/10.31004/joecy.v5i3.3777>

Santoso, B. (2022). Perlindungan data pasien dalam sistem elektronik berdasarkan UU ITE. *Jurnal Cyber Law dan Etika Digital*, 5(3), 105–112.

Sakalkale, A., Satheakeerthy, S., Yeung, J. M. C., & Reid, F. (2024). Robots down-under: The current climate of robotic-assisted surgery education in Australia, *Journal of Robotic Surgery*, 18(1), 246, <https://doi.org/10.1007/s11701-024-01994-8>.

Saputra, D., Novianty, R. R., & Ismainar, H. (2025). Pertanggungjawaban pidana tenaga kesehatan dalam pelayanan telemedicine, *Andrew Law Journal*, 4(1).

Satava, R. M. (2002). Historical review of surgical simulation: Origins, development, and trends. *JSL: Journal of the Society of Laparoendoscopic Surgeons*, 6(2), 142–146.

Satava, R. M. (2020). Surgical robotics: Evolution of surgical tools. *Surgical Innovation Journal*, 27(1), 38–45.

Shademan, A., Decker, R. S., Opfermann, J. D., Leonard, S., Krieger, A., & Kim, P. C. (2016). Supervised autonomous robotic soft tissue surgery, *Science Translational Medicine*, 8(337), 337ra64, <https://doi.org/10.1126/scitranslmed.aad9398>.

Shakhatreh, H. J. M., & Alazzam, F. A. F. (2025). Legal frameworks for AI-driven diagnostics and robotic surgery, *Acta Informatica Medica*, 33(3), 248–252, <https://doi.org/10.5455/aim.2025.33.248-252>.

Shentu, X. (2024). A review on legal issues of medical robots, *Medicine*, 103(21), e38330, <https://doi.org/10.1097/MD.00000000000038330>

Shihab, M. F., & Nurbaiti. (2025). Analisis yuridis doktrin vicarious liability dalam praktik medis studi Putusan MK No. 21/PUU-XXI/2023, *Arus Jurnal Sosial dan Humaniora*, 5(2), 1925–1936.

Siregar, R. A., & Sinaga, H. S. R. (2025). Aspek hukum perlindungan data pasien dalam penyelenggaraan rekam medis elektronik di Indonesia, *Jurnal Hukum To-Ra*, 11(1), 106–116, <https://doi.org/10.55809/tora.v11i1.433>

- Saceanu, Sidonia & Soare, Cristina & Surlin, Valeriu & Patraşcu, A.. (2015). Telesurgery and Robotic Surgery: Ethical and Legal Aspect. *Journal of Community Medicine & Health Education*. 05. 10.4172/2161-0711.1000355.
- Sfandyarie, Anny. (2006). *Tanggung Jawab Hukum dan Sanksi Bagi Dokter*. Jakarta: Prestasi Pustaka.
- Siahaan, Andysah Putera Utama & Lubis, Solly. (2018). Crime Aspect of Telemedicine on Health Technology. 10.31227/osf.io/nk3vt.
- Simamora, I. M. M. (2022). Perlindungan hukum atas hak privasi dan kerahasiaan identitas penyakit bagi pasien COVID-19, *Sibatik Journal*, 1(7).
- Singh, Sudhir & Sharma, Jyoti & Joshua, Lokavarapu & Huda, Farhanul & Kumar, Navin & Basu, Somprakas. (2022). Telesurgery and Robotics: Current Status and Future Perspectives. 10.5772/intechopen.107465.
- Sitanggang, A. S., Imanuel, R. G., Rapa', N. I., Shandie, W., & Halim, I. J. (2024). Telemedicine: Revolusi akses dan efisiensi pelayanan kesehatan di era digital, *Nusantara Journal of Multidisciplinary Science*, 2(1), 12–18, <https://jurnal.intekom.id/index.php/njms/article/view/629>.
- Sjamsuhidajat, R. (2019). *Buku Ajar Ilmu Bedah Sjamsuhidajat–De Jong: Sistem Organ dan Tindak Bedahnya* (Vol. 3, Ed. 4). Jakarta: EGC.
- Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). (2004). *Guidelines for the surgical practice of telemedicine*.
- Soedjatmiko. (2001). *Masalah Medik dalam Malpraktek Yuridik*. Malang: Citra Aditya Bakti.
- Soekanto, S. (2005). *Faktor-faktor yang mempengaruhi penegakan hukum*. PT Raja Grafindo Persada, hlm.
- Soeroso. (2011). *Pengantar Ilmu Hukum*. Sinar Grafika, Jakarta.

Soewono, Hendrojono. (2007). Batas Pertanggung Jawaban Hukum Malpraktik Dokter dalam Transaksi Terapeutik. Surabaya: Srikandi.

Subekti. (2004). Hukum Perjanjian. Jakarta: Intermasa, hlm. 42.

Sulaiman, E., Handayani, T., & Mulyana, A. (2022). Juridical Study of Telemedicine Consulting Services in Indonesia. SOEPRA, 7(2), 275 - 291. doi:<https://doi.org/10.24167/shk.v7i2.4035>

Sushanty, V. R. (2022). Juridical Overview Of Medical Teleconsultation Practice During The Covid-19 Pandemic: A Narrative Review. Nurse and Health: Jurnal Keperawatan, 11(1), 103-110. <https://doi.org/10.36720/nhjk.v11i1.390>

Takahashi, Y., Hakamada, K., Morohashi, H., Akasaka, H., Ebihara, Y., Oki, E., Hirano, S., & Mori, M. (2023). Verification of delay time and image compression thresholds for telesurgery, Asian Journal of Endoscopic Surgery, 16(2), 255–261, <https://doi.org/10.1111/ases.13150>.

The Medical Council of Hong Kong. (2019). Ethical guidelines on practice of telemedicine.

Triwulan, T., et al. (2023). Perlindungan hukum bagi tenaga medis dan tenaga kesehatan, The UINSA Press.

Tzu Chi Hospital. (2025). Masa depan robotic surgery di Indonesia. <https://tzuchihospital.co.id/article/masa-depan-robotic-surgery>

Umanailo, M. C. B., Asih, S., Muliaty, H., Puspita, N., Lionardo, A., Pratiwi, A., Meifilina, A., Srinawati, W., Subakti, H., Makmur, J., & Syarifuddin, S. (2021). Strategi komunikasi, mobilitas sosial serta perubahan perilaku masyarakat dalam menghadapi penyebaran COVID-19.

UN Committee on Economic, Social and Cultural Rights (CESCR). (2000). General Comment No. 14: The Right to the Highest Attainable Standard of Health. Geneva: United Nations

United States Food and Drug Administration. (2021). Medical Devices: Premarket Approval (PMA). <https://www.fda.gov>

United States Food & Drug Administration. (2022). Computer-assisted surgical systems, <https://www.fda.gov/medical-devices/surgery-devices/computer-assisted-surgical-systems>.

United Nations Committee on Economic, Social and Cultural Rights (CESCR). (2000). General Comment No. 14: The right to the highest attainable standard of health. <https://www.refworld.org/legal/general/cescr/2000/en/36991>

Vashisht, N., Goyal, W., Choudhary, S., Jayakumar, S. S., Patil, S., Mohapatra, C. K., & Srividya, A. (2024). Ethical and legal challenges in the use of robotics for critical surgical interventions, *Seminars in Medical Writing and Education*, 3:501, doi:10.56294/mw2024501.

Villanueva, Andrew. (2020). The Legal Battle With The Future Of Autonomous Surgical Robotics. *Indiana Health Law Review* [Vol. 17:367, 2020]. <https://mckinneylaw.iu.edu/ihlr/pdf/vol17p367.pdf>

Weber, R. H., & Reiss, G. (2020). *Legal frameworks for eHealth*. Springer.

World Health Organization. (2000). *Health and Human Rights Publication Series*. Geneva: World Health Organization, hlm. 5.

World Health Organization. (2020). *Patient Safety: Making Health Care Safer*. Geneva: WHO Press.

World Health Organization. (2010). *Telemedicine: Opportunities and Developments in Member States*. WHO Press.

World Health Organization. (2009). WHO guidelines for safe surgery: Safe surgery saves lives, <https://www.who.int/teams/integrated-health-services/patient-safety/research/safe-surgery>.

Wicaksono, R. (2021). Penerapan strict liability dalam malpraktik medik di era teknologi kesehatan. *Jurnal Yustisia*, 10(2), 25–33.

Wician, F., Prastopo, P., & Prasetyo, B. (2025). Analisis yuridis hukum penggunaan kecerdasan buatan (artificial intelligence) dalam bidang medis, *JIIP (Jurnal Ilmiah Ilmu Pendidikan)*, 8(10).

Wijaya, R. A., Abyano, R. A., Setiawan, M. R., Wicaksono, A., Sandiva, L., & Huda, M. A. (2024). Transformasi hukum di era digital: Menghadapi tantangan dan mencari solusi inovatif, *Kultura: Jurnal Ilmu Hukum, Sosial, dan Humaniora*, 2(11), 405–414.

World Health Organization. (2020). Patient safety: Making health care safer. Geneva: WHO Press.

World Health Organization. (2021). Patient Safety: Global Action Plan 2021–2030. Geneva: World Health Organization.

World Health Organization. (2010). Telemedicine: Opportunities and Developments in Member States. WHO Press.

World Medical Association. (2005). WMA Declaration of Lisbon on the Rights of the Patient, <https://www.wma.net/policies-post/wma-declaration-of-lisbon-on-the-rights-of-the-patient/>.

Yang, C., Zhou, L., & Wang, Y. (2022). 5G-enabled telesurgery: Challenges and prospects. *IEEE Reviews in Biomedical Engineering*, 15(2), 85–95.

Yang, G. Z., Cambias, J., Cleary, K., Daimler, E., Drake, J., Dupont, P. E., Hata, N., Kazanzides, P., Martel, S., Patel, R. V., Santos, V. J., & Taylor, R. H. (2017). Medical robotics: Regulatory, ethical, and legal considerations for

increasing levels of autonomy, *Science Robotics*, 2(4), eaam8638, <https://doi.org/10.1126/scirobotics.aam8638>

Yaqin, A., Hartono, A., & Sulaiman, M. (2021). Implikasi hukum teknologi kesehatan: Telaah tanggung jawab dalam telemedisin. *Jurnal Hukum Teknologi*, 3(2), 90–105.

Yuniarti, N. (2024). Robot operasi bedah jarak jauh, bisa jangkau daerah terpencil. *ceritabaikindonesia.id*. <https://ceritabaikindonesia.id/>

Yulianto, & Cahyono, E. A. (2025). Robotic telesurgery sebagai upaya transformasi sistem pelayanan kesehatan dalam pencapaian mutu pelayanan dan patient safety: Literatur review, *Jurnal Pengembangan Ilmu dan Praktik Kesehatan*

Zheng, J., Wang, Y., Zhang, J., Guo, W., Yang, X., Luo, L., Jiao, W., Hu, X., Yu, Z., Wang, C., Zhu, L., Yang, Z., Zhang, M., Xie, F., Jia, Y., Li, B., Li, Z., Dong, Q., & Niu, H. (2020). 5G ultra-remote robot-assisted laparoscopic surgery in China, *Surgical Endoscopy*, 34(11), 5172–5180, <https://doi.org/10.1007/s00464-020-07823-x>.

Zubrow, M. T., Witzke, A. K., & Reynolds, H. N. (2015). Legal, Regulatory, and Ethical Issues in the Use of Telemedicine, In: *Legal, Regulatory, and Ethical Issues in the Use of Telemedicine*, 2015, hlm. 153–177, [https://doi.org/10.1007/978-3-319-22285-1\\_10](https://doi.org/10.1007/978-3-319-22285-1_10)

### **Undang-Undang:**

RI, Undang - Undang-Undang Dasar 1945

RI, Undang-undang Nomor 17 Tahun 2023 tentang Kesehatan.

RI, Undang-undang Nomor 8 Tahun 1999 tentang Perlindungan Konsumen

RI, Undang-Undang Nomor 27 Tahun 2022 tentang Perlindungan Data Pribadi

RI, Undang-undang Nomor 1 Tahun 2024 tentang Perubahan Kedua atas Undang-Undang Nomor 11 Tahun 2008 tentang Informasi dan Transaksi Elektronik

RI, Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/Menkes/1630/2024 tentang Pemberhentian Anggota Majelis Kehormatan Disiplin Kedokteran Indonesia Masa Bakti Tahun 2022-2027 Dan Pengangkatan Anggota Majelis Disiplin Profesi Periode Tahun 2024-2028

RI, Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/1128/2022 tentang Standar Akreditasi Rumah Sakit.

RI, Peraturan Pemerintah Nomor 28 Tahun 2024 tentang Peraturan Pelaksanaan Undang-Undang Nomor 17 Tahun 2023 tentang Kesehatan.

RI, Peraturan Menteri Kesehatan Republik Indonesia Nomor 20 Tahun 2019 tentang Penyelenggaraan Pelayanan Telemedicine Antar Fasilitas Pelayanan Kesehatan

RI, Peraturan Menteri Kesehatan Republik Indonesia Nomor 24 tahun 2022 tentang Rekam Medis

RI, Peraturan Menteri Kesehatan Nomor Nomor 54 Tahun 2015 tentang Pengujian dan Kalibrasi Alat Kesehatan

RI, Peraturan Menteri Kesehatan Nomor 290 Tahun 2008 tentang Persetujuan Tindakan Kedokteran/Informed Consent

RI, Peraturan Menteri Kesehatan Nomor 2052 Tahun 2011 tentang Izin Praktik dan Pelaksanaan Praktik Kedokteran

RI, Peraturan Menteri Kesehatan Nomor 4 Tahun 2018 Tentang Kewajiban Rumah Sakit dan Kewajiban Pasien.