

Legal Protection of Patients in Clinical Teleconsultation Service Practice in Indonesia

Erni Herdiani¹, M. Altef Dasril²

¹ Universitas Borobudur

² Sekolah Tinggi Ilmu Hukum Sumpah Pemuda (STIHPADA)

Correspondence: erనిherdiani13@gmail.com, m.altefdasril@gmail.com

Article Info

Article history:

Received Aug 13th, 2025

Revised Aug 27th, 2025

Accepted Aug 30th, 2025

Keyword:

Clinical Teleconsultation; Patient's Legal Protection; Indonesia; Pandemic; Health.

ABSTRACT

The development of digital technology is growing rapidly, as well as in the world of health. At first, Telemedicine was limited to only among Health Service Facilities as a solution to the challenge of the limited number of specialist/subspecialist doctors at Remote Hospitals in the country. However, after the COVID-19 Pandemic struck, the development of Telemedicine grew rapidly. This needs serious attention, especially in the aspect of legal protection. If the status of the COVID-19 Pandemic is revoked, how will the Legal Arrangements for Clinical Teleconsultation services be? How is Patient Legal Protection in the Practice of Clinical Teleconsultation Services? Methods This research uses a normative juridical method with an inductive conclusion approach. The result is that the existing legal regulation of Clinical Teleconsultation is only limited to the pandemic period and has many things that need to be addressed in its implementation and supervision, especially in terms of protection of patient rights in compliance with the rules and legislation that apply. The government needs to start drafting detailed regulations right away to ensure that patients using clinical teleconsultation services are protected by the law. Especially related to licensing and supervision.



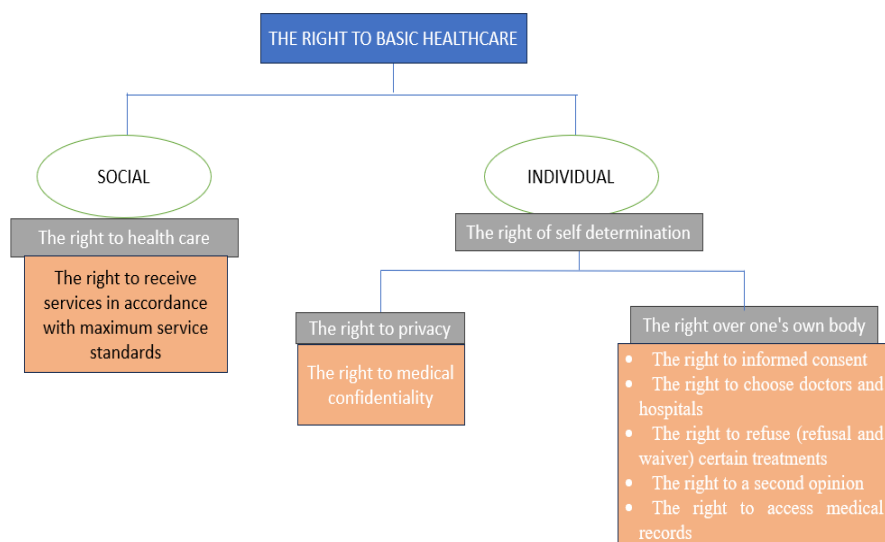
© 2025 The Authors. Published by CV. Norma Global. This is an open access article under the CC BY license (<https://creativecommons.org/licenses/by/4.0/>)

INTRODUCTION

Technological development is currently progressing very rapidly, including in the field of healthcare. With the acceleration of the industrial revolution era, along with the increasing public demand for healthcare services and the various challenges that must be faced (PB.IDI, 2018, p.5). One of the main challenges is the limited access to healthcare in remote areas, which require expert support in diagnosis and treatment (WHO, 2010). Furthermore, in today's digital era 4.0, the demand for fast healthcare services is increasingly favored by the public. In 2019, the development of telemedicine was initiated by the Government through the issuance of the Regulation of the Minister of Health on Telemedicine between Healthcare Facilities, which includes services such as Tele-EKG, Tele-USG, Tele-Radiology, and Clinical Teleconsultation between healthcare workers (Kementerian Kesehatan, 2019). Prior to this, telemedicine had been piloted since 2017 in several hospitals across various regions to address the need for medical expertise.

In 2020, The COVID-19 pandemic caused a considerable acceleration in the development of telemedicine, especially clinical teleconsultation. Teleconsultations between physicians and patients who needed to be monitored while undergoing self-isolation were one direct application of telemedicine during the epidemic. Telemedicine also helped to slow the spread of the COVID-19 virus by reducing crowding and long lines at medical facilities for other disorders, particularly for people receiving treatment for chronic diseases. In fulfilling patients' rights, it is essential to uphold the established standards, both in terms of licensing and supervision, to ensure the legal protection of patients. Based on existing theory, legal protection refers to the safeguarding of human dignity and the acknowledgment of human rights.

Legal protection is an effort to safeguard human rights as legal subjects by establishing legal instruments (Soekanto, 2007). Licensing is necessary to ensure that patients' rights are fulfilled by complying with all requirements and procedures, as healthcare services involve acts of state administrative law, which apply regulations to concrete situations based on specified requirements and procedures (Basah, 1995). Once these requirements and procedures are met, approval is granted by the authorities in accordance with applicable laws and regulations (Spelt & Ten Berg, 1992). Therefore, the issuance of a license removes any legal prohibitions, as the service is deemed appropriate for healthcare provision (1945 Constitution of the Republic of Indonesia, Article 34).



Picture 1 The Right to Basic Healthcare

Several Healthcare Facilities have developed various Telemedicine services, particularly Clinical Teleconsultation. Likewise, service platforms offering Clinical Teleconsultation have continued to grow. However, how is the legal regulation of healthcare service practices through clinical teleconsultation structured? And how is legal protection for patients ensured in the practice of such teleconsultation services?

RESEARCH METHODS

The approaches used are the statute approach (legislation), conceptual approach, and comparative approach, with inductive qualitative data analysis. The theoretical framework used includes the Theory of Legal Protection, Theory of Licensing, and Theory of Supervision. The legal materials used are primary materials in the form of legislation, namely the Health Law, Medical Practice Law, Hospital Law, Health Worker Law, and Ministerial Regulations or Ministerial Decrees related to Telemedicine both before and during the COVID pandemic. Secondary materials are journals, theses, papers related to Telemedicine, as well as books about health services, legal protection, licensing and supervision.

RESULTS AND DISCUSSION

In Indonesian, the regulation of telemedicine currently only applies between health facilities and is still in the development stage, facing obstacles due to the high cost of equipment. However, telemedicine services such as Tele-ECG, Tele-Radiology, and Tele-Ultrasound can help overcome limitations in resources, especially in terms of expertise or skilled professionals, as regulated in Minister of Health Regulation Number 20 of 2019. During the implementation of telemedicine, discretion was applied during the COVID-19 pandemic, with many relaxations, for instance, health services could be provided via teleconsultation using just a mobile phone. Previously, telemedicine required tools like Tele-ECG, Tele-Ultrasound, and Tele-Radiology. Yet, during the pandemic, doctors practicing at places like the Wisma Atlet only needed an assignment letter instead of a practice license. In a medical emergency situation, discretion was also applied regarding competency requirements.

In several countries, outside pandemic conditions, telemedicine platforms are used for follow-up patients, with services supported by devices and home care/home visit health workers. Ethical issues in telemedicine and telehealth services include fidelity, the existence of financial interests in providing services through certain platforms; competency, the ability of doctors to make diagnoses via a platform without direct physical examination; transparency and informed consent, patients must be informed about the strengths and limitations of doctor services through telemedicine platforms; issues related to second opinions; privacy and confidentiality, guarantees for the protection of personal and medical data, and access to and storage of medical records; and continuity of care, managing health conditions after service through the platform.

These provisions were only valid during the COVID-19 pandemic. So what happens when the pandemic ends? This requires urgent regulation. Consequently, the Minister of Health Decree Number 4829 of 2021 was issued regarding Guidelines for Healthcare Services Through Telemedicine During the COVID-19 Pandemic, which regulates the following matters: a) Telemedicine providers are healthcare facilities (hospitals, community health centres, clinics, private practices, medical laboratories, pharmacies) that use applications developed by the healthcare facility itself or applications developed by the government or private sector. b) Activities that can be carried out through the Telemedicine application include: 1) Consultation on communication, information, and education (CIE). 2) Clinical consultation: anamnesis, physical examination through audiovisual means, providing advice/suggestions, establishing a diagnosis, management/prescription writing, and the doctor is responsible for the prescription. Doctors must be held accountable for prescriptions. The government needs to carefully address the issue that physical examinations conducted via audiovisual platforms must meet certain standards in order to establish accurate diagnoses. If such physical examinations are substandard, they may lead to diagnostic errors, which in turn carry the risk of treatment errors.

The development of telemedicine regulations in Indonesia began in 2016 with the issuance of the Decree of the Minister of Health Number HK.02.02/MENKES/409/2016 concerning Pilot Hospitals for the Telemedicine Program Based on Video Conference and Teleradiology. This was driven by the need to improve access to and quality of healthcare services, and due to the limited number of healthcare graduates in rural and remote areas. At that time, the distribution of radiology specialists was uneven—83% were located in western Indonesia, 15% in central regions, and only 2% in eastern Indonesia. The same issue applied to other specialist and subspecialist doctors. To address this disparity, the Ministry of Health designated the National Brain Centre Hospital (RS PON) in Jakarta as the lead hospital for video conference services. Meanwhile, RSUP M. Djamil in Padang, RSUP Dr. M. Hoesin in Palembang, RSUP Dr. Wahidin Sudirohusodo in Makassar, and RS PON Jakarta were designated as lead hospitals for teleradiology (Kementerian Kesehatan, 2016).

The hospitals under the guidance of RS PON Jakarta include RSUD Besemah Pagar Alam and the National Stroke Hospital in Bukittinggi for both video conferencing and teleradiology. Hospitals under the guidance of RSUP M. Djamil Padang include RSUD Pasaman Barat, RSUD Zein Painan, RSUD Pariaman, RSUD Lubuk Sikaping, and RSUD Kepulauan Riau Meranti. Hospitals guided by RSUP Dr. M. Hoesin Palembang include RSUD Curup Rejang Lebong Bengkulu, RSUD Hasanuddin Damrah Manna Bengkulu, and RSUD Kotaagung Lampung. Meanwhile, RSUP Dr. Wahidin Sudirohusodo Makassar oversees RSUD Harapan Insan Sendawar in East Kalimantan (Kementerian Kesehatan, 2017).

A case of pneumonia in Wuhan City, Hubei Province, China, with an unclear etiology was reported by the WHO China Country Office on December 31, 2019. China classified the case as a novel coronavirus type on January 7, 2020. Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2), a new coronavirus that had not yet been discovered in humans, is the cause of Coronavirus Disease 2019 (COVID-19). The WHO designated the incident as a Public Health Emergency of International Concern (PHEIC) on January 30, 2020, and COVID-19 was formally designated as a pandemic on March 11, 2020. Indonesia had previously put in place a number of legal frameworks pertaining to infectious disease epidemic response policies: Regulation Number 1501/Menkes/Per/X/2010 concerning Certain Types of Infectious Diseases That Can Cause Outbreaks and Response Measures, Government Regulation Number 40 of 1991 concerning Control of Outbreaks of Infectious Diseases, and Law Number 4 of 1984 concerning Outbreaks of Infectious Diseases.

The Minister of Health issued Decree of the Minister of Health Number HK.01.07/MENKES/104/2020 concerning the Designation of Novel Coronavirus Infection (2019-

nCoV Infection) as a Disease Capable of Causing an Outbreak and Measures for Its Response in order to aid in the early containment of the COVID-19 outbreak. The Who is designation of the Novel Coronavirus (2019-nCoV Infection) as a Public Health Emergency of International Concern (PHEIC) served as the foundation for this decision. Furthermore, the extensive spread of COVID-19 to other nations and the possibility of its expansion to Indonesia as a result of population movement called for extensive reaction measures to combat the illness (Kemkes, 2020).

The Declaration of Public Health Emergency for Coronavirus Disease 2019 (COVID-19) was addressed in Presidential Decree Number 11 of 2020, which was published on March 31, 2020. The Non-Natural Disaster of the Spread of Coronavirus Disease 2019 (COVID-19) was then designated as a National Disaster by Presidential Decree Number 12 of 2020 (Keppres, 2020). The outbreak of the COVID-19 pandemic significantly strengthened the utilization of telemedicine as an alternative method for delivering healthcare services. COVID-19 is known to be transmissible from human to human through droplets. Those at the highest risk of contracting the disease are individuals in close contact with COVID-19 patients, including doctors and other healthcare workers providing direct medical services.

Individuals infected with COVID-19 may exhibit a range of symptoms—or none at all—yet all require laboratory testing, such as RT-PCR or a negative rapid test result, to be confirmed as not infected. Face-to-face interactions between patients as service recipients and physicians as healthcare providers increase the risk of infectious disease transmission, particularly COVID-19. This transmission can happen between patients and physicians or between asymptomatic physicians, often known as People Without Symptoms (OTG), and patients. Thus, limiting in-person healthcare services through the use of information and communication technology in the form of telemedicine is one of the steps that must be taken to stop the spread of COVID-19.

During the COVID-19 pandemic, the public in Indonesia was required to implement Community Activity Restrictions (PPKM). Currently, PPKM Level 4 was enforced for 5 days from July 20 to July 25, 2021, followed by an Emergency PPKM for 8 days from July 26 to August 2, 2021. This government policy led to the early closure of various public facilities. Consequently, the public was urged to stay at home and avoid visiting these public places to reduce the transmission of COVID-19 and restore stability to the situation. Therefore, telemedicine became a solution to meet the demand for easy and safe healthcare services.

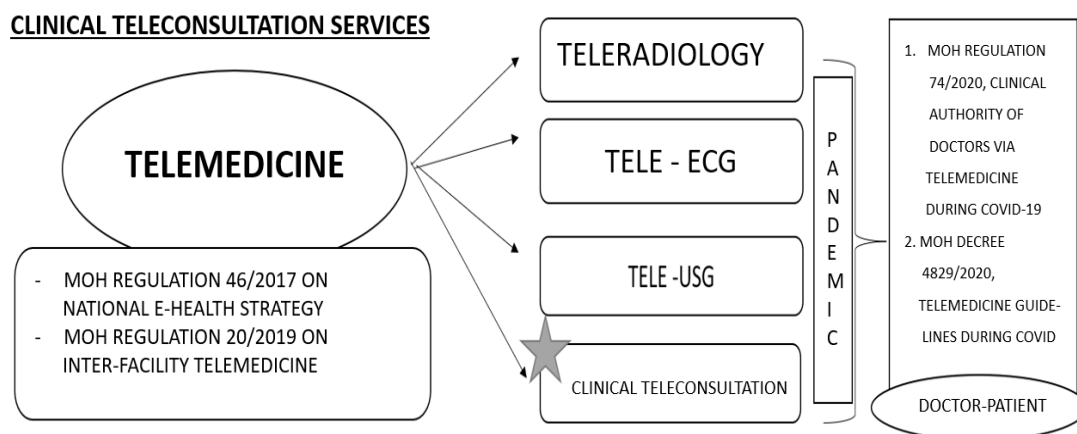
To stop the spread of COVID-19, the Republic of Indonesia's Ministry of Health released Circular Letter Number HK.02.01/MENKES/303/2020 on the Use of Information and Communication Technology in Health Services on April 29, 2020. This circular regulates telemedicine services conducted between doctors and patients or between doctors, while ensuring the security of patient data. All consultations must be recorded in digital or manual medical records and confidentiality must be maintained. Doctors providing services through information and communication technology to diagnose, treat, prevent, and/or evaluate health conditions must act according to their competencies and authority, which are verified by their Registration Certificate (STR), while still maintaining the quality of service and patient safety (Kementerian Kesehatan, 2020).

Regulation Number 74 Year 2020 concerning Clinical Authority and Medical Practice through Telemedicine during the COVID-19 pandemic in Indonesia was also issued in the context of telemedicine during the pandemic. It stipulates that medical practice during the pandemic may be carried out online or in person using electronic telemedicine applications and systems, with a focus on effective communication. Telemedicine must be conducted through Health Service Facilities and carried out by competent doctors/dentists who possess a Registration Certificate and Practice License. Doctors/dentists performing telemedicine must assess the patient's eligibility whether in an emergency condition or can be managed via telemedicine. If in an emergency condition, the patient must be immediately referred to a Health Facility accompanied by relevant information. Doctors must also create medical records, conduct supporting examinations, and provide prescriptions (KKI, 2020).

This was further strengthened by the Decree of the Medical Ethics Honorary Council (MKEK) of the Indonesian Medical Association Central Number 05 Year 2020 concerning the Telemedicine Fatwa, which urges to still pay attention to legal aspects, medical professional ethics, and communication ethics in the era of information technology as best as possible (MKEK, 2020). In 2021, In addition to declaring the Circular Letter of the Minister of Health Number HK.02.01/MENKES/303/2020 repealed and no longer effective, the Minister of Health issued Decree

Number HK.01.07/MENKES/4829/2021 about Guidelines for Health Services through Telemedicine during the COVID-19 Pandemic. (Kementerian Kesehatan, 2021)

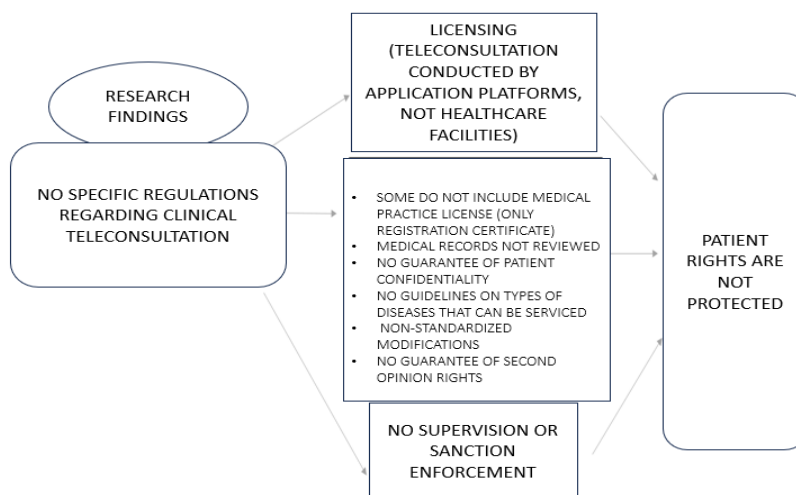
In Minister of Health Decree 4829, telemedicine with clinical consultation is regulated. Clinical consultation is a health service provided by doctors through telemedicine, including anamnesis, limited physical examination via audiovisual means, and management such as education/advice up to the provision of therapy with prescription medication.



Picture 2 Clinical Teleconsultation Services

Legal Protection for Patients

In general health services, patients have the right to legal protection. The guarantee of legal protection for patients includes receiving proper health care, which is the responsibility of the government. Fulfilling patients' rights means receiving safe and quality services according to their needs. Patients have the right to receive explanations about the procedures to be performed, to obtain a second opinion, and to be assured of the confidentiality of their personal information and medical records.



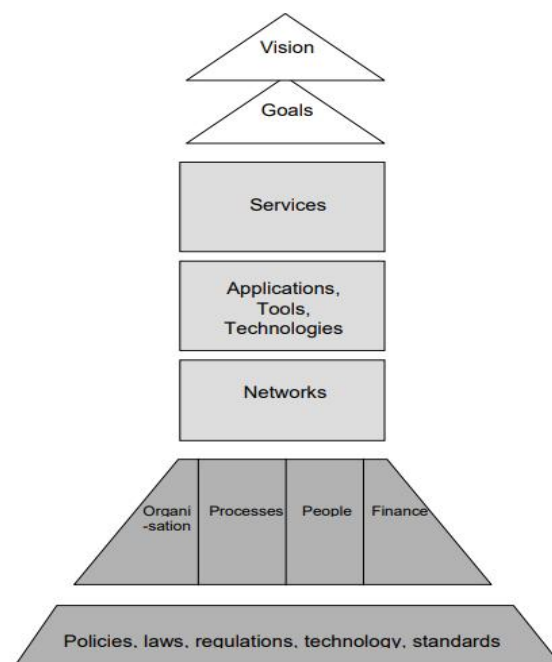
Picture 3 Legal Protection Gaps in Clinical Teleconsultation Services

From the results of research conducted, many aspects need to be carefully considered in the implementation of Teleconsultation related to the legal protection of patients. Telemedicine services provided by healthcare facilities can make use of apps they have created or collaborate with other government or commercial sector applications. In practice, many consultation service platforms are only platforms and not health facilities as regulated in the Ministerial Decree. This can pose risks to the legal protection of patients when receiving health services. Clinical Teleconsultation requires special regulations on this matter so that patients' rights are properly fulfilled.

Patients do not receive guarantees of medical confidentiality, medical records are not created in accordance with statutory regulations, and the organizers of clinical teleconsultation are not health service facilities but rather platforms that list various doctors from several Health Service Facilities. When prescribing, the logo on the prescription does not include the Health Service Facility where the doctor practices as stated in the application, but rather the platform's logo. There is no supervision regarding the implementation of Clinical Teleconsultation.

It cannot be denied that Clinical Teleconsultation greatly helps the community, but patients must also receive legal protection guarantees. Therefore, Clinical Teleconsultation must be further regulated within telemedicine regulations, as there is currently no law governing this, or at least a Government Regulation, since it involves matters beyond health, including patient data protection, information transparency, and consumer protection. Legal protection for patients in the practice of Clinical Teleconsultation services requires strong regulation that underpins the implementation of telemedicine in general and teleconsultation in particular. Looking at the best practice from the neighbouring country Malaysia, which has prepared telemedicine since 1997 with the enactment of the Telemedicine Act and the Personal Data Protection Act.

In the Malaysian Government's Blueprint, there is a strong emphasis on the future health system that utilizes the power of information and multimedia technology as the main driver to provide a health service system that is easily accessible, integrated, high quality, affordable, and recognized as one of the best in the world. As the main foundation of Telehealth in Malaysia, policies, laws, systems, and standards must be prepared. Then, organizations are established to carry out processes, human resources, and budgeting. Next, networks, applications, and technologies that support telemedicine are prepared, and services are provided to the public to achieve the goals and vision-mission of Malaysia's health sector (Malaysia, 1997).



Picture 4 Malaysian Telemedicine Flagship Applications

Telehealth in Malaysia has continuously developed. In 1997, there were 4 main components, which were restructured into 7 components in 2000, and then into 5 components in 2007. This process has taken about 25 years until now related to the development of telemedicine and teleconsultation, which then became part of the 5 main components that prioritize legal protection and ensure the sustainability of Telehealth with technological developments, namely: 1) Life Time Health Record (LHR) & Services, 2) Health Package, 3) Online Health, 4) Teleconsultation, 5) Continuing Professional Development (M.H. Mat Som).

Supervision is carried out by the Director General of the Ministry of Health. Anyone practicing telemedicine in violation of this section, even if they practice from outside Malaysia, shall be guilty of

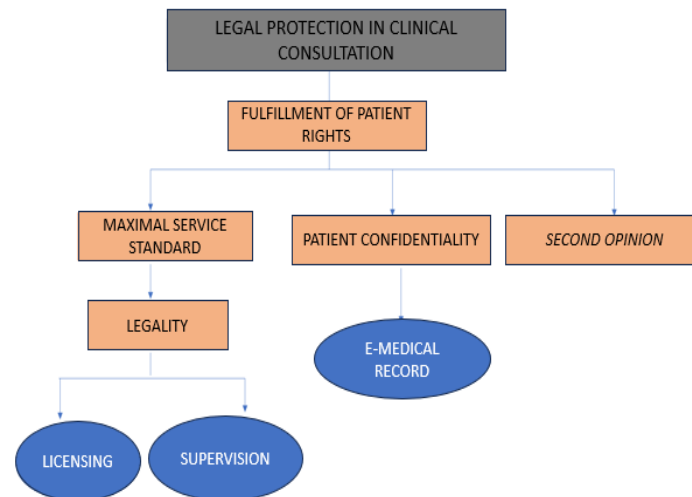
an offense and shall be punished with a fine not exceeding five hundred thousand ringgit or imprisonment for a term not exceeding five years, or both.

ASPECTS	MALAYSIA	INDONESIA
Regulation	1. Telemedicine Act 1997 2. 2. Malaysian Personal Data Protection Act 2010 and other derivative regulations governing telemedicine and teleconsultation	1. Does not yet have a Telemedicine Law 2. Does not yet have a law on patient data protection Only regulated by Ministerial Regulation No. 20 of 2019 concerning Telemedicine between health facilities and regulations for telemedicine during the pandemic.
Service standards	- Doctors with fully registered and valid certificates - Must have a Telemedicine certificate for foreign doctors registered with the Malaysian Ministry / Council	Competency regulations for telemedicine service doctors do not yet exist, and there is no registration for telemedicine competency yet.
Legal protection of patients	Informed consent, confidentiality assurance, patient records regulated by law and its derivatives including sanctions	Only regulated at the Ministerial Regulation level concerning medical records

Picture 5 Comparison Between Malaysia and Indonesia

The application for a telemedicine practice certificate as referred to in paragraph 3(1)(b) must be made by a medical practitioner who is registered or licensed outside Malaysia as a fully registered medical practitioner to the Council in a certain manner or form and accompanied by the required documents, details, and fees as may be determined. The Council may issue to the applicant a certificate to practice telemedicine for a period not exceeding three years, subject to terms and conditions that may be determined by the Council in relation to the certificate. The Council may at any time amend the terms and conditions of the telemedicine practice certificate issued as referred to in the paragraph. The Council may at any time revoke a telemedicine practice certificate issued if the holder of the certificate breaches any terms or conditions specified in the certificate. Any person aggrieved by the Council's refusal to issue a certificate to practice telemedicine or by the revocation of a telemedicine practice certificate may appeal to the Minister whose decision shall be final.

In the implementation of Telemedicine, or specifically Clinical Teleconsultation in Indonesia, it must at least include aspects that ensure maximum service standards, second opinions, and guarantees of medical record confidentiality. As illustrated in the following diagram:



Picture 6 Legal Protection in Clinical Consultation

Maximum Service Standards

The fulfillment of the right to Maximum Service Standards can be met if it is stated in the requirements and procedures, which are components that must be fulfilled in Licensing and Supervision. As illustrated in the following Table 1.

Table 1 Clinical Teleconsultation Standards

General Health Service Standards	Clinical Teleconsultation Standards
Licensing	
Operational license for healthcare facilities must meet building, infrastructure, personnel, and SOP requirements.	It should be regulated that: 1. The operational license is attached to a healthcare facility that already holds an operational license as a physical facility, with buildings, infrastructure, personnel, and complete equipment. 2. If in the future there is an idea that existing online health consultation platforms can be recognized as online health facilities, then there must be regulations governing their legality and licensing standards to ensure legal protection for both patients and healthcare workers.
A doctor's practice license is limited to a maximum of 3 locations.	It should be regulated that: 1. The doctor must have at least 2 years of experience in direct, face-to-face medical practice with patients 2. Doctors providing clinical teleconsultation must have specific competency standards in telemedicine communication. 3. Doctors providing clinical teleconsultation must be registered with a verified Indonesian domain email, authenticated by the Ministry of Health. 4. Doctors must have designated practice hours. Teleconsultation services must be provided during specific hours and may not be conducted simultaneously with in-person patient services.
Standard services related to infrastructure and facilities.	1. Must maintain medical records in accordance with applicable laws and regulations. 2. Must have a dedicated system for clinical teleconsultation services, either through an in-house application or a third-party platform. 3. Must meet service standards that support accurate diagnosis. 4. Mechanisms for pharmaceutical therapy, prescriptions, and medication delivery must be regulated.
Standard services for types of diseases handled based on facility level.	It should be regulated that: 1. Define patient status categories that may be served through teleconsultation (e.g., new patients or follow-up patients). 2. Clearly define the types of diseases that can and cannot be handled via clinical teleconsultation. 3. Establish referral mechanisms and follow-up procedures within healthcare services.
Supervision	
Supervision of licensing, operational standards, and service procedures.	It should be regulated that: 1. Doctors with telemedicine/teleconsultation capability must be registered with the Ministry of Health to facilitate supervision, with standardized national numbering. If online healthcare facilities become formalized, both doctors and facility licenses should be assigned specific numbers issued by the Ministry of Health. 2. Credentialing must continue to be implemented for online teleconsultation services.

Legal enforcement through sanctions according to regulations.	It must be stipulated that: 1. Accountability of healthcare facilities and doctors providing teleconsultation services must be regulated. 2. Internal audits and patient safety supervision are needed, especially regarding accurate diagnosis and appropriate therapy provision.
---	--

Confidentiality of Medical Records

One of the rights of patients in healthcare services is the confidentiality of their information, the completion of medical records, and the right to access the contents of those records. In the growing practice of Clinical Teleconsultation on the internet, such services are essentially Clinical Teleconsultation practices. However, the providers are not healthcare facilities but rather digital platforms related to health consultation that offer services including issuing prescriptions. There needs to be regulation regarding the security of patient confidentiality and the provision of medical records in accordance with applicable regulations.

According to the Regulation of the Minister of Health Number 24 of 2022, the implementation of medical records in Clinical Teleconsultation, as a part of telemedicine, refers to this regulation. Along with the development of the times, medical records in healthcare facilities offering telemedicine services are required to use Electronic Medical Records (E-Medical Records) (Kementerian Kesehatan, 2022).

A medical record created with an electronic system designed to implement medical records is known as an e-medical record. This electronic system is made up of a number of electronic machines and processes that work together to prepare, gather, process, analyse, store, display, publish, transmit, and/or distribute electronic information. It is one of the subsystems of the Health Service Facility Information System that is connected to other information subsystems in the health service facility and is operated by a dedicated working unit or adjusted based on the needs and capabilities of each healthcare facility.

This E-Medical Record system can be developed either by the Ministry of Health, by the Health Service Facilities themselves, or by other electronic system providers through cooperation. If the system used is from the Ministry, an application must be submitted. If it is the result of cooperation with a provider, then the provider must be registered as an electronic system operator in the health sector with the Ministry responsible for communication and informatics, in accordance with the prevailing laws and regulations. Electronic System registration must include the name, system documentation, available features/functions, data storage location, variables and metadata, and the list of Health Service Facilities using the Electronic System, if it is used by healthcare facilities.

E-Medical Records must be maintained from the time the patient enters the facility until the service is completed, the patient is referred, or passes away. Specifically for Clinical Teleconsultation, this process begins when the patient logs in and registers through the application or other means until the consultation is fully completed. It involves patient registration, distribution of electronic medical record data, entry of clinical information, information processing, input of data for financial claims, storage, quality assurance, and transfer of medical record contents performed by staff.

Filling in the Medical Records is the obligation of the Health Service Facility and is carried out by healthcare professionals. The specific requirements of the Medical Record are illustrated in the following table:

Table 2 Medical Record

No	Activity	Provision	Personnel
1	Patient Registration	Must include at minimum: 1. Identity Data: – Name – Medical Record Number – National Identity Number (NIK) 2. Social Data: – Religion – Occupation – Education – Marital Status	Medical Records/Health Information Officer or other personnel trained in Electronic Medical Records (EMR)
		(No additional provisions specified)	Medical Records/Health Information Officer or other personnel trained in EMR

No	Activity	Provision	Personnel
3	Clinical Information Entry	– Documentation of examination results– Treatment – Education/Other actions– Must include name, time, and signature of the healthcare provider – Must follow chronological order of services provided– In case of error, the healthcare provider may correct it – If multiple providers are involved, entries must be integrated in a single, chronologically ordered document – May include family data entry (family folder)	Healthcare Provider delivering the service
4	Information Processing	Includes: a. Coding with <i>International Statistical Classification of Disease and Related Health Problems</i> b. Reporting: – Internal reporting – External reporting to the District Health Office, MOH, and other stakeholders c. Analysis (qualitative and quantitative)	Medical Records/Health Information Officer or other personnel trained in EMR
5	Data Entry for Financing Claims	Entry of disease classification codes based on diagnoses and procedures written by healthcare providers	Medical Records/Health Information Officer or other personnel trained in EMR

Table 2 Continuation

6	Medical Record Storage	a. Server b. Certified cloud computing system c. Other certified digital storage media d. Must have backup system stored separately from the healthcare facility and performed periodically e. Must be stated in SOP f. Must be connected to the data interoperability and integration platform managed by the MOH g. May collaborate with service providers under an integrity pact Stored for up to 25 (twenty-five) years from the last visit	Medical Records/Health Information Officer or other personnel trained in EMR
7	Quality Assurance	a. Conducted internally b. Internal audit by a team appointed by the healthcare facility leader May involve external parties as part of supervision and guidance	Medical Records/Health Information Officer or other personnel trained in EMR
8	Transfer of Medical Record Content	a. For referral purposes Done through the data interoperability and integration service platform managed by the MOH	Medical Records/Health Information Officer or other personnel trained in EMR

Second Opinion

A *second opinion* can involve visiting another doctor to obtain further information or to hear a different perspective (Beardsley, 2011). There are several reasons why obtaining a second opinion is important. These include situations where a doctor recommends surgery, when a doctor diagnoses a patient with a serious illness such as cancer, or when the doctor recommends a treatment plan that differs from what the patient believes is necessary. In cases where a doctor recommends elective surgery, a second opinion may be required by the insurance plan. In other instances, insurance might not cover the cost of a second opinion (Chiosea, 2009). A second opinion is also sought when a patient believes they have been misdiagnosed or undiagnosed, or when the doctor themselves recommends seeking another opinion.

Obtaining a second opinion is a right of the patient and is protected by law. In the context of Clinical Teleconsultation Health Services, this second opinion can be provided or facilitated by the healthcare facility if the patient feels uncertain or if the doctor believes another expert's perspective is necessary. In Clinical Teleconsultation, there are many limitations in establishing a diagnosis that relies solely on audiovisual means. Therefore, the right to a second opinion is particularly important, especially for patients who require direct, face-to-face treatment. In the context of Clinical Teleconsultation, providing a second opinion is essential. This is because the purpose of Clinical Teleconsultation is to facilitate access and provide initial assistance in the form of education and recommendations to patients in maintaining their health. However, Clinical Teleconsultation is inherently limited, and for that reason, the role of a second opinion is absolutely necessary.

CONCLUSION

Clinical Teleconsultation, which is a part of Telemedicine, has not yet been specifically regulated. Therefore, further regulation is required beyond the COVID-19 pandemic period, ideally through a law or at the very least a government regulation. Legal protection for patients receiving Clinical Teleconsultation services from doctors or healthcare facilities must adhere to existing regulations already established in current legislation. This research found that patients undergoing clinical teleconsultation do not receive adequate legal protection, especially concerning elements such as service quality, medical records, medical confidentiality, and diagnostic and therapeutic accuracy. As a result, clinical teleconsultation services can generally be considered a failure in fulfilling patients' rights to attain the highest possible standard of health.

Patient protection in Clinical Teleconsultation is absolutely necessary, given the weak position of patients and the high potential for errors by doctors or healthcare professionals. It is recommended that to ensure sufficient legal protection for patients, Clinical Teleconsultation should only be conducted by licensed hospitals or healthcare facilities that are under comprehensive supervision.

REFERENCES

- Adisasmito, W. (2008). *Kebijakan standar pelayanan medik dan diagnosis related group (DRG), kelayakan penerapannya di Indonesia*. UI Press.
- Azwar, A. (1996). *Pengantar administrasi kesehatan*. Binarupa Aksara.
- Basah, S. (1995). Pengantar izin sebagai salah satu sanksi hukum administrasi. *Penataran Hukum Administrasi dan Lingkungan di Fakultas Hukum Unair*, Surabaya.
- Basah, S. (1996). Sistem perizinan sebagai instrumen pengendali lingkungan. *Seminar Hukum Lingkungan*, diselenggarakan oleh KLH bekerjasama dengan Legal Mandate Compliance end Enforcement Program dari BAPEDAL, Jakarta.
- Beardsley, K. (2011). *The mediation dilemma*. Cornell University Press.
- Chandrawila, W. (2001). *Hukum kedokteran*. Mandar Maju.
- Chiosea, S. I., Peel, R., Barnes, E. L., & Seethala, R. R. (2009). Salivary type tumors seen in consultation. *Virchows Archiv*, 454(4), 457-466. <https://doi.org/10.1007/s00428-009-0742-x>
- Guwandi, J. (2006). *Informed consent and informed refusal*. Universitas Indonesia.
- Indonesia. (1945). *Undang-Undang Dasar Negara Republik Indonesia Tahun 1945*.
- Indonesia. (2004). *Undang-Undang Nomor 29 Tahun 2004 tentang praktik kedokteran*. Lembaran Negara Republik Indonesia Tahun 2004 Nomor 116, Tambahan Lembaran Negara Republik Indonesia Nomor 4431.
- Indonesia. (2009a). *Undang-Undang Nomor 36 Tahun 2009 tentang kesehatan*. Lembaran Negara Republik Indonesia Tahun 2009 Nomor 144, Tambahan Lembaran Negara Republik Indonesia Nomor 5063.
- Indonesia. (2009b). *Undang-Undang Nomor 44 Tahun 2009 tentang rumah sakit*. Lembaran Negara Republik Indonesia Tahun 2009 Nomor 153, Tambahan Lembaran Negara Republik Indonesia Nomor 5072.
- Indonesia. (2014). *Undang-Undang Nomor 36 Tahun 2014 tentang tenaga kesehatan*. Lembaran Negara Republik Indonesia Tahun 2014 Nomor 298, Tambahan Lembaran Negara Republik Indonesia Nomor 5607.
- Indonesia. (2020a). *Keputusan Presiden Nomor 11 Tahun 2020 tentang penetapan kedaruratan kesehatan masyarakat corona virus disease 2019 (COVID-19)*.
- Indonesia. (2020b). *Keputusan Presiden Nomor 12 Tahun 2020 tentang penetapan kedaruratan kesehatan masyarakat corona virus disease 2019 (COVID-19)*.
- Isfandyarie. (2006). *Tanggung jawab hukum dan sanksi bagi dokter*. Prestasi Pustaka.
- Kementerian Kesehatan Republik Indonesia. (2016). *Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.02.02/MENKES/409/2016 tentang rumah sakit uji coba program pelayanan telemedicine berbasis video-conference dan teleradiologi*.
- Kementerian Kesehatan Republik Indonesia. (2017). *Peraturan Menteri Kesehatan Nomor 46 Tahun 2017 tentang strategi e-kesehatan nasional*.
- Kementerian Kesehatan Republik Indonesia. (2019). *Peraturan Menteri Kesehatan Nomor 20 Tahun 2019 tentang penyelenggaraan pelayanan telemedicine antar fasilitas pelayanan kesehatan*.
- Kementerian Kesehatan Republik Indonesia. (2020a). *Keputusan Menteri Kesehatan Nomor HK/Menkes/413/2020 tentang pedoman pencegahan dan pengendalian COVID-19*.

- Kementerian Kesehatan Republik Indonesia. (2020b). *Surat Edaran Nomor HK.02.01/MENKES/303/2020 tentang penyelenggaraan pelayanan kesehatan melalui pemanfaatan teknologi informasi dan komunikasi dalam rangka pencegahan penyebaran COVID-19*.
- Kementerian Kesehatan Republik Indonesia. (2022). *Peraturan Menteri Kesehatan Nomor 22 Tahun 2022 tentang rekam medis*.
- Kementerian Kesehatan Malaysia. (1997). *Malaysia's telemedicine blueprint: Leading healthcare into the information age*.
- Konsil Kedokteran Indonesia. (2020). *Peraturan Konsil Kedokteran Indonesia Nomor 74 Tahun 2020 tentang kewenangan klinis dan praktik kedokteran melalui telemedicine pada masa pandemi COVID-19 di Indonesia*.
- Majelis Kehormatan Etik Kedokteran (MKEK) Pusat. (2020). *Surat Keputusan MKEK Nomor 017/PB/K.MKEK/05/2020 tentang fatwa layanan telemedis dan konsultasi daring khususnya di masa pandemi COVID-19*.
- Malaysia. (1997). *Telemedicine Act 1997 (Act 564)*.
- Malaysia. (2019). *Personal Data Protection Act (ISN: MYS-2010-L-89542)*.
- Mat Som, M. H., Norali, A. N., & Megat Ali, M. S. A. (2010). Telehealth in Malaysia: An overview. *IEEE Symposium on Industrial Electronics and Application (ISIEA 2010)*, Penang, Malaysia.
- Notoatmodjo, S. (2010). *Etika dan hukum kesehatan*. Rineka Cipta.
- Pengurus Besar IDI. (2018). *Telemedisin, rekomendasi ikatan dokter indonesia untuk masa depan digitalisasi kesehatan di Indonesia*. PB IDI.
- Permatasari, E. (2022, August 14). Salah diagnosis via platform kesehatan, tanggung jawab siapa? *Hukumonline*. <https://www.hukumonline.com/klinik/a/salah-diagnosis-via-iplatform-i-kesehatan--tanggung-jawab-siapa-lt5f93baf282fc5>
- PRNewswire. (2024, March 17). *Survei nasional hasil opini medis kedua*. Retrieved December 12, 2024.
- Rahmayanty, N. (2012). *Manajemen pelayanan prima*. Graha Ilmu.
- Ridwan, H. R. (2006). *Hukum administrasi negara*. PT. Raja Grafindo.
- Santoso, B. S., Medina, Rahmah, Setiasari, T., & Sularsih, P. (2015). Perkembangan dan masa depan telemedika di Indonesia. *National Conference on Information Technology and Technical Engineering (CITEE)*, Yogyakarta.
- Soekanto, S., & Mamudji, S. (2007). *Penelitian hukum normatif, suatu tinjauan singkat*. Raja Grafindo.
- Soemitro, R. H. (1988). *Metodologi penelitian hukum dan jurimetri*. Ghalia Indonesia.
- Solikhin, M. N. (2022, August 14). Urgensi menyusun regulasi komprehensif telemedicine. *Hukumonline*. <https://www.hukumonline.com/berita/a/regulasi-telemedicine-lt61e77813f14ea/?page=1>
- Spelt, N. M., & Ten Berg, J. A. (1992). *Pengantar hukum perizinan* (P. M. Hadjon, Ed.). Yuridika.
- Triwulan, T., & Febrina, S. (2010). *Perlindungan hukum bagi pasien*. Prestasi Pustaka.
- World Health Organization. (2010). *Telemedicine: Opportunities and developments in member states: Report on the second global survey on e-health 2009* (Global Observatory for eHealth Series, 2).