

Lampiran 1 Ekstraksi Data

Kode Artikel	Penulis, Tahun Terbit	Judul	Metode Penelitian	Sumber
1	Cahyani, P., & Astutik, A. 2019	<i>Criminal Liability for Misuse of Electronic Medical Records in Health Services</i>	Yuridis Normatif	Google Scholar
2	Maskun, M., et al. 2021	<i>Harmonization Over the Regulations of Electronic Medical Records and its Potential to be Abused</i>	Yuridis Normatif	Google Scholar
3	Tilaar, T. S., & Sewu, P. L. S. 2023	<i>Review of Electronic Medical Record in Indonesia and its Development Based on Legal Regulation in Indonesia and its Harmonization with Electronic Health Records</i>	Yuridis Normatif	ResearchGate
4	Elikwu, I. M., et al. 2020	<i>Effect of Electronic Health Information System on Medical Records Management in Public Healthcare Institutions</i>	Kualitatif	ResearchGate
5	Botchwey, C. O. A., et al. 2021	<i>Exploring the Impact of Electronic Health Records Systems in the Performance of a Healthcare Organisation-A Qualitative Study in Ghana</i>	Kualitatif	ResearchGate
6	Cahyaharnita, R. A. 2019	<i>Synchronization of Electronic Medical Record Implementation Guidelines in National E-Health Strategies</i>	Kualitatif	ResearchGate
7	Intansari, I., et al. 2023	Evaluasi Penerapan Rekam Medis Elektronik Dengan Pendekatan <i>Technology Acceptance Model</i> di Rumah Sakit X di Kota Surabaya	Kuantitatif	Google Scholar
8	Budiyanti, R. T., et al. 2019	Tantangan Etika dan Hukum Penggunaan Rekam Medis Elektronik dalam Era <i>Personalized Medicine</i>	Literature Review	Google Scholar
9	Indira, Z. N., et al. 2023	<i>Literature Review: The Effectiveness of Electronic Medical Records (RME) On Hospital Service Quality</i>	Literature Review	ResearchGate

10	Amalia, N., et al. 2021	<i>The Implementation of Electronic Medical Record (EMR) in The Development Health Care System in Indonesia: A Literature Review</i>	<i>Literature Review</i>	<i>ResearchGate</i>
11	Yaqub, A. 2021	<i>Electronic Health Record Implementation In Developing Countries: A Systematic Review</i>	<i>Systematic Review</i>	<i>ResearchGate</i>
12	Kumari, R., & Chander, S. 2023	<i>Improving Healthcare Quality by Unifying the American Electronic Medical Record System. Time for Change</i>	<i>Systematic Review</i>	<i>ResearchGate</i>
13	Zulkipli, F. N., et al. 2022	<i>Issues and Trends of Trusted Mobile Electronic Medical Records Management for Healthcare Industry: A Review</i>	<i>Systematic Review</i>	<i>ResearchGate</i>



Lampiran 2 Hasil Ekstraksi Data

Kode Artikel : 1

Judul	<i>Criminal Liability for Misuse of Electronic Medical Records in Health Services</i>
Penulis/ Tahun terbit	Cahyani, P., & Astutik, A. 2019
Abstrak	<i>Electronic medical records (RME) have been used in hospitals as a substitute for or complementary to medical records in the form of paper. The obligation to make medical records is the responsibility of every doctor or dentist in carrying out the medical practice. However, the use of electronic-based medical records does not rule out the possibility of raising problems in the field of law, if some abuse it. This will raise the issue of who has the obligation to take responsibility. The problem is the background of the author to write in an article with the title "Accountability for the Misuse of Electronic Medical Record Abuse in Health Services". The formulation of the problem in this article is: 1) Setting an electronic medical record; 2) Criminal liability for the misuse of electronic medical records. The research method used is normative legal research with a statutory approach and a conceptual approach. From the discussion, it can be seen that in Indonesia the obligation to make medical records is specifically regulated in the Medical Practice Law. Furthermore, in the Ministry of Health No. 269 / MENKES / PER / III / 2008 especially Article 2 paragraph 2 states that medical records can be made electronically. However, to date, no specific regulations are governing electronic medical records. The use of electronic systems in medical records makes it necessary to heed the provisions of Law No. 11 of 2008 concerning Electronic Information and Transactions. The party who has the responsibility for the misuse of the Electronic Medical Record covers people who in this case are medical personnel or certain health workers. Hospitals can also be held responsible for the misuse of electronic medical records.</i>
Kesimpulan	<p>Di Indonesia pengaturan tentang rekam medis terdapat dalam beberapa peraturan perundang-undangan. Pengaturan tentang kewajiban membuat rekam medis bagi dokter atau dokter gigi diatur dalam ketentuan Undang-Undang tentang Praktik Kedokteran. Sedangkan kewajiban untuk menyelenggarakan rekam medis bagi rumah sakit diatur dalam ketentuan UU tentang Rumah Sakit. Pengaturan tentang pelaksanaan rekam medis secara khusus diatur dalam Permenkes No. 269/Menkes/Per/III/2008 tentang Rekam Medis. Jenis rekam medis sebagaimana diatur dalam Permenkes tersebut dapat dibuat dalam bentuk tertulis maupun secara elektronik. Namun sampai saat ini belum ada peraturan khusus yang mengatur tentang rekam medis elektronik.</p> <p>Penyalahgunaan terhadap penyelenggaraan rekam medis menjadikan dapat dituntutnya pertanggungjawaban pidana para pelakunya. Para pihak yang memiliki tanggungjawab untuk mempertanggungjawabkan jika ada penyalahgunaan rekam medis meliputi dokter, tenaga kesehatan tertentu maupun rumah sakit dengan berdasar pada ketentuan dalam UU tentang Praktik Kedokteran, UU tentang ITE serta UU tentang Rumah Sakit.</p>

Kode Artikel : 2

Judul	<i>Harmonization Over the Regulations of Electronic Medical Records and its Potential to be Abused</i>
Penulis/ Tahun terbit	Maskun, M., et al. 2021
Abstrak	<i>The rapid development of information and communication technology has brought changes to the mechanism for storing electronic medical records (EMR). EMR is very important to protect and provide comfort and convenience for health services. However, it is very susceptible to be abused by hackers. This study aims to harmonize amongst relevant laws on EMR and to identify the legal protection of EMR from abuse by hackers. This research uses a normative research method to harmonize legal norms and regulations related to EMR that already exist in Indonesia. Legal protection of EMR in Indonesia has not been implemented proportionally even though the regulation on EMR has been stipulated clearly in the Minister of Health Regulation No. 269/2008 concerning Medical Records and various relevant Laws on it. There are no derivative laws related to EMR as mandated by the Minister of Health Regulation No. 269/2008 which becomes an obstacle to the effective implementation of EMR. The existence of an EMR is Also very susceptible to be abused by hackers. So, cyber security is needed for health workers, both individually and institutionally to protect EMR. In conclusion, EMR has been regulated in Indonesian Laws, but it has not been governed into derivative laws to be implemented a proportionally. Therefore, harmonization those laws will narrow the gaps amongst them. Further norms and regulations regarding EMR are needed to create cybersecurity which is potential to be hacked.</i>
Kesimpulan	<i>Harmonization of law is required related to the protection of EMR data, which has a legal basis as stipulated in the Medical Practice Law, and specifically in the Permenkes on Medical Records. As an electronic document, EMR's position is also directly regulated in the Information and Electronic Transaction Law. In addition, special regulations are needed related to EMR itself which is the mandate of the Permenkes on Medical Records. The aim of derivative regulation to strengthen the legal standing of the EMR and to neglect abuse of EMR done by the irresponsible parties either via computer crime or via hacking.</i>

Kode Artikel : 3

Judul	<i>Review of Electronic Medical Record in Indonesia and its Development Based on Legal Regulation in Indonesia and its Harmonization with Electronic Health Records</i>
Penulis/ Tahun terbit	Tilaar, T. S., & Sewu, P. L. S. 2023
Abstrak	<i>A medical record is a system that aims to track health and hospital visits. It can also be used to assist doctors and nurses in understanding medical history and to assist medical personnel in making decisions about treating patients. The method used in this research is the normative juridical research method. The specifics of this research is descriptive-analytical research, which is research that seeks to analyze legal issues and the legal system, in order to better understand them so that conclusions can be drawn. Medical records are part of the obligations of all doctors and dentists to carry out their medical practice. This is in accordance with "Article 46 of Law number 29 of 2004 concerning Medical Practice. As the executor of article 46 of law number 29 of 2004 concerning medical practice, the Minister of Health Regulation number 24 of 2022 concerning Medical Records was enacted as a substitute for the previous regulation, namely Regulation of the Minister of Health number 269/MENKES/PER/2008 concerning Medical Records". This research provides an understanding of electronic medical record regulations and the development of the implementation of EMR (Electronic Medical Record). In the implementation of EMR (Electronic Medical Record) it is necessary to revamp the EMR (Electronic Medical Record) system as a whole so that an effective and efficient implementation of EMR (Electronic Medical Record) can be created.</i>
Kesimpulan	<i>This writing provides an understanding of electronic medical record regulations and the development of the implementation of electronic medical records (EMR). In the implementation of electronic medical records (EMR), there are several rules governing electronic medical records (EMR) such as Law Number 29 of 2004 concerning Medical Practice and Permenkes Number 24 of 2022 which regulates obligations, types, and contents of medical records, mechanisms implementation, confidentiality, and benefits in health service facilities. However, the government has not regulated in detail the implementation of electronic medical records (EMR) so specific rules are needed to regulate the implementation of electronic medical records (EMR). Factors that contribute to the successful implementation of electronic medical records (EMR) such as human resource support, finance, training, and technical support. There is also harmonization of Indonesia's electronic medical record (EMR) arrangements with electronic health records (manual developing countries) seen from the aspect of the challenge of implementing electronic medical records (EMR) there are several challenges, namely: Insufficient clinical data entry and standard terminology, lack of computer technology, willingness to change health service providers, limited funding of electronic systems, etc. So it is necessary to improve technology infrastructure such as paying attention to data security and budget so that an efficient EMR implementation can be created</i>

Kode Artikel : 4

Judul	<i>Effect of Electronic Health Information System on Medical Records Management in Public Healthcare Institutions</i>
Penulis/ Tahun terbit	Elikwu, I. M., et al. 2020
Abstrak	<i>The worrisome state of Nigerian hospitals in the last decades owing to continued to adopt the global trend on information systems to move away from healthcare delivery characterised by inefficiencies, poor management practices evidenced by continuous use of the traditional paper record system in most public health facilities in Nigeria, which often time causes delay and long patient waiting time, resulting in cases of infant and maternal mortality. Hence, this study investigated how an electronic health information system can improve medical records management in Nigeria's public healthcare institutions. The study employed the numerical and qualitative research philosophy, adopted the survey and case study research strategies, the cross-sectional and qualitative research designs. The study sample covered 332 respondents spread across four selected Federal Medical Centres in Makurdi, Keffi, Lokoja and Abuja FCT, all located in the North Central Region of Nigeria. In the collection of primary data, the researcher took cognisance of ethnic consideration regarding the confidentiality of data and protection of respondents' trust. The study used the simple frequency percentage table to analyse collected data. The finding revealed that, though there is still heavy reliance on traditional paper-based records system, however, adoption of eHIS will reduce risk of treatment errors, decrease patient waiting time, enhance timely communication among practitioners, protects patient information from unauthorised personnel and enhance healthcare service delivery. The study, therefore, recommended that the government and hospital management should prioritise the provision of necessary infrastructure in the health capital budget to support adoption and implementation of the electronic health information system and electronic medical records management to reduce high mortality rates from delayed treatments and preventable medical errors.</i>
Kesimpulan	<i>This study, therefore, concludes that prompt access to patients' medical records through electronic health information system platform is highly essential in medical care decisions to achieve efficient care delivery within health facilities, reduces the risk of treatment errors decreases patient waiting time and reduces medical errors, enhances timely communication among practitioners, enhances healthcare service delivery and protects information from unauthorised personnel.</i>

Kode Artikel : 5

Judul	<i>Exploring the Impact of Electronic Health Records Systems in the Performance of a Healthcare Organisation-A Qualitative Study in Ghana</i>
Penulis/ Tahun terbit	Botchwey, C. O. A., et al. 2021
Abstrak	<i>The application of the Electronic Health Record System has been extensively acknowledged as an instrument by healthcare establishments to increase efficiency, operational effectiveness and successfully boost revenue generation. This study aimed at empirically appraising the impact of electronic health record system on the performance of Pentecost Hospital in Madina in the La Nkwantanang-Madina Municipality in the Greater-Accra Region of Ghana. The study adopted a qualitative approach with a case study design. In-depth interviews and a focus group discussion of a total of thirty-five (35) respondents including ten (10) The study adopted a qualitative approach with a case study design. In-depth interviews and a focus group discussion of a total of thirty-five (35) respondents including ten (10). The study revealed that frequent loss of data, inadequate knowledge in the management of the system, desire to improve upon work efficiency, longing to have easy access to health records of patients, intermittent waste of client or beneficiary time were among the main factors that led to the introduction of the Electronic Health Record System. The study also identified improvement in quality healthcare delivering as some of the effects of the introduction of electronic patient record management on healthcare delivery at the Pentecost Hospital in Accra. It is imperative to mention that efficient electronic health record system which is geared towards efficient quality healthcare provision would flourish when parity, effectiveness, efficiency and responsiveness of resource utilisation for quality healthcare are considered as the building blocks.</i>
Kesimpulan	<i>This study was carried out at the Pentecost Hospital in Madina, a suburb of Accra with the aim of assessing their Electronic Health Record System. The study revealed that frequent loss of data, inadequate knowledge in the management of the system, desire to improve upon work efficiency, longing to have easy access to health records of patients, intermittent waste of client or beneficiary time were among the main factors that led to the introduction of the Electronic Health Record System. The study also identified simplification of activities of the various departments of the hospital, improvement in clients' satisfaction, reduction in waiting time and speed delivery of healthcare, storage of information being faster and lasting, improvement in revenue generation of the hospital and improvement in quality healthcare delivering as some of the effects of electronic patient's record management on healthcare delivery after its introduction, giving hope to the health facility. The results of the study have both practical and theoretical implications. On a practical level, the study presents the empirical contribution necessary to inspire the adoption of electronic health records in healthcare organizations in Ghana and other developing countries. Also, on a theoretical level, the study provides the rich experiences of healthcare staff on the current topic and this enriches the state of evidence in the literature which has largely focused on a quantitative assessment of the topic.</i>

Kode Artikel : 6

Judul	<i>Synchronization of Electronic Medical Record Implementation Guidelines in National E-Health Strategies</i>
Penulis/ Tahun terbit	Cahyaharnita, R. A. 2019
Abstrak	<i>Medical records are made in writing, complete and clear or electronically. Medical records are the basis of medical services to patients. Paper medical records increase the amount of paper waste in Indonesia. A national e-health strategy is a comprehensive approach to efforts in the national health sector. Electronic medical records are more effective because of better time management. The formulation of the problem in this article covers the reasons, criteria, and implementation of electronic medical records. The research method used is descriptive qualitative research with a statute approach. The criteria for a good electronic medical record are integrated data from various sources, data collected at the service point, and supporting service providers in decision making. The expected electronic medical record is to be integrated with the health service facility information system program without neglecting the confidentiality aspect. Therefore, the government needs to make regulations on the technical implementation of electronic medical records.</i>
Kesimpulan	Pelayanan kesehatan dalam era industri 4.0 memerlukan peningkatan mutu pelayanan medis dan penunjang medis. Rekam medis merupakan bagian penting dalam bidang penunjang medis. Rekam medis elektronik dapat memberikan informasi kesehatan secara cepat dan lengkap sehingga proses terapeutik pada pasien berjalan dengan baik dan meningkatkan mutu pelayanan kesehatan. Kriteria rekam medis elektronik yang baik adalah data terintegrasi dari berbagai sumber, data terkumpul pada titik pelayanan, dan dapat mendukung pemberi pelayanan dalam pengambilan keputusan. Rekam medis elektronik mendukung upaya pemerintah dalam menerapkan strategi e-kesehatan nasional. Pelaksanaan rekam medis elektronik yang diharapkan adalah dapat terintegrasi dengan program sistem informasi fasilitas pelayanan kesehatan. Hal tersebut dapat memudahkan pengolahan data, penelitian, pendidikan, dan penghitungan statistik yang digunakan dalam pelayanan kesehatan tanpa mengabaikan aspek kerahasiaannya.

Kode Artikel : 7

Judul	Evaluasi Penerapan Rekam Medis Elektronik Dengan Pendekatan <i>Technology Acceptance Model</i> di Rumah Sakit X di Kota Surabaya
Penulis/ Tahun terbit	Intansari, I., et al. 2023
Abstrak	<i>Electronic medical records have an important in the provision of health services in hospitals, electronic medical records are a source of health data and information that can be used in assessing the quality of health services. Hospital X has implemented the use of electronic medical records since 2020 but has never conducted an evaluation of the implementation of electronic medical records, so need a formative evaluation to see the quality of electronic medical records using the Technology Acceptance Model, assessing a system based on the ease of use. use) and perceived usefulness (usefulness) which can affect the use of the system (attitude toward using) and applying the system on an ongoing basis (actual usage). This study uses a quantitative approach by using bivariate correlation test analysis to be able to assess the relationship between the variables studied. The results showed that there was a significant positive relationship (p-value 0.001, r = 0.717) between the belief that EMR can be used easily (perceived ease of use) and benefits in performance and performance productivity (perceived usefulness). p-value 0.001, r = 0.747) between EMR variables can provide benefits in terms of performance and performance productivity (perceived usefulness) and attitude toward using EMR (Attitude toward using). The belief that EMR can be used easily (perceived ease of use) has a positive and significant effect on attitudes towards using EMR (Attitude toward using) with a p-value of 0.001, r = 0.7, and a significant relationship with a p-value of 0.001, r = 0.717 between the belief that the attitude towards using EMR (Attitude toward using) and significant towards the actual use of EMR (actual usage).</i>
Kesimpulan	Berdasarkan hasil penelitian yang dilakukan tentang penerapan rekam medis elektronik yang dilakukan di rumah sakit X dapat disimpulkan yaitu Keyakinan bahwa EMR dapat digunakan dengan mudah (<i>perceived ease of use</i>) berpengaruh positif dan signifikan terhadap keyakinan bahwa EMR dapat memberikan manfaat dalam performa kinerja dan produktivitas kinerja (<i>perceived usefulness</i>), tingkat kemudahan suatu sistem informasi mendorong penggunaan sistem informasi secara terus menerus karena dapat memberikan kemudahan dan mempercepat pekerjaan. Keyakinan bahwa dengan adanya rekam medis elektronik dapat memberikan manfaat dalam performa kinerja dan produktivitas kinerja (<i>perceived usefulness</i>) berpengaruh positif dan signifikan terhadap sikap penggunaan EMR (<i>Attitude toward using</i>), artinya manfaat sistem dapat berpengaruh dalam penggunaan rekam medis di rumah sakit, penggunaan sebuah sistem informasi dapat dirasakan manfaatnya sehingga dapat mempengaruhi pengguna dalam menggunakan rekam medis elektronik. Keyakinan bahwa rekam medis elektronik dapat digunakan dengan mudah (<i>perceived ease of use</i>) berpengaruh positif dan signifikan terhadap sikap penggunaan EMR (<i>Attitude toward using</i>), kemudahan sebuah sistem elektronik dapat meningkatkan antusias pengguna dalam mengaplikasikan rekam medis elektronik. Sikap penggunaan EMR (<i>Attitude toward using</i>) berpengaruh positif dan signifikan terhadap penggunaan EMR secara aktual (<i>actual usage</i>) di mana pengguna yang telah menggunakan rekam medis dan merasakan manfaat dan

kemudahan dengan adanya implementasi rekam medis elektronik ini bersedia untuk menggunakan sistem secara reguler. Namun pada penelitian ini tidak sedikit responden yang memberikan evaluasi yang bernilai negatif yaitu pada aspek kemudahan akses EMR dan kepuasan terhadap EMR yang perlu dilakukan intervensi dengan meningkatkan kualitas akses terhadap sistem serta terus mengembangkan RME agar sesuai dengan kebutuhan pengguna.

Berdasarkan hasil penelitian yang dilakukan tentang penerapan rekam medis elektronik yang dilakukan di rumah sakit X dapat disimpulkan yaitu Keyakinan bahwa EMR dapat digunakan dengan mudah (*perceived ease of use*) berpengaruh positif dan signifikan terhadap keyakinan bahwa EMR dapat memberikan manfaat dalam performa kinerja dan produktivitas kinerja (*perceived usefulness*), tingkat kemudahan suatu sistem informasi mendorong penggunaan sistem informasi secara terus menerus karena dapat memberikan kemudahan dan mempercepat pekerjaan. Keyakinan bahwa dengan adanya rekam medis elektronik dapat memberikan manfaat dalam performa kinerja dan produktivitas kinerja (*perceived usefulness*) berpengaruh positif dan signifikan terhadap sikap penggunaan EMR (*Attitude toward using*), artinya manfaat sistem dapat berpengaruh dalam penggunaan rekam medis di rumah sakit, penggunaan sebuah sistem informasi dapat dirasakan manfaatnya sehingga dapat mempengaruhi pengguna dalam menggunakan rekam medis elektronik. Keyakinan bahwa rekam medis elektronik dapat digunakan dengan mudah (*perceived ease of use*) berpengaruh positif dan signifikan terhadap sikap penggunaan EMR (*Attitude toward using*), kemudahan sebuah sistem elektronik dapat meningkatkan antusias pengguna dalam mengaplikasikan rekam medis elektronik. Sikap penggunaan EMR (*Attitude toward using*) berpengaruh positif dan signifikan terhadap penggunaan EMR secara aktual (*actual usage*) dimana pengguna yang telah menggunakan rekam medis dan merasakan manfaat dan kemudahan dengan adanya implementasi rekam medis elektronik ini bersedia untuk menggunakan sistem secara reguler. Namun pada penelitian ini tidak sedikit responden yang memberikan evaluasi yang bernilai negatif yaitu pada aspek kemudahan akses EMR dan kepuasan terhadap EMR yang perlu dilakukan intervensi dengan meningkatkan kualitas akses terhadap sistem serta terus mengembangkan RME agar sesuai dengan kebutuhan pengguna.

Kode Artikel : 8

Judul	Tantangan Etika dan Hukum Penggunaan Rekam Medis Elektronik dalam Era <i>Personalized Medicine</i>
Penulis/ Tahun terbit	Budiyanti, R. T., et al. 2019
Abstrak	<i>Personalized medicine</i> merupakan salah satu pendekatan pengobatan kesehatan yang berkembang dalam sepuluh tahun terakhir. Pengobatan ini bersifat spesifik karena mempertimbangkan genomik pasien dan memerlukan <i>database</i> atau rekam medis yang lengkap meliputi data klinis dan genomik. Meskipun demikian, terdapat isu dan tantangan etika dan hukum dalam implementasi rekam medis elektronik dalam <i>personalized medicine</i> . Penelitian ini bertujuan untuk mengetahui tantangan etika dan hukum dalam penggunaan rekam medis elektronik dalam <i>personalized medicine</i> berdasarkan studi literatur yang telah ada. Metode yang digunakan dalam penelitian ini adalah literatur <i>review</i> dengan sumber yang berasal dari jurnal, buku, dan artikel mengenai rekam medis elektronik, <i>personalized medicine</i> , serta aspek hukum dan etika yang terkait baik dalam negeri maupun luar negeri. Tantangan etika dan hukum yang dapat terjadi dalam penggunaan rekam medis elektronik di era <i>personalized medicine</i> diantaranya adalah keamanan dan kepemilikan data, tanggung jawab hukum, diskriminasi genomik, dan perubahan hubungan dokter dan pasien. Indonesia belum memiliki regulasi spesifik mengenai keamanan data, kepemilikan data, dan <i>sharing data</i> di bidang kesehatan. Regulasi lebih lanjut mengenai penggunaan rekam medis elektronik di era <i>personalized medicine</i> diperlukan agar dalam implementasinya tidak bertentangan dengan etika dan hukum yang berlaku di Indonesia.
Kesimpulan	Rekam medis elektronik yang modern diperlukan dalam penentuan <i>personalized medicine</i> sehingga lebih efektif dan efisien. Terdapat tantangan etika dan hukum dalam penerapan rekam medis elektronik yaitu kepemilikan dan privasi data, diskriminasi genomik, pergeseran hubungan dokter dan pasien, serta tanggung jawab hukum (<i>liability</i>). Indonesia perlu mengatur lebih lanjut penggunaan rekam medis elektronik di era <i>personalized medicine</i> sehingga implementasinya tidak bertentangan dengan etika dan hukum yang berlaku.

Kode Artikel : 9

Judul	<i>Literature Review: The Effectiveness of Electronic Medical Records (RME) On Hospital Service Quality</i>
Penulis/ Tahun terbit	Indira, Z. N., et al. 2023
Abstrak	<p><i>Health Information System is a systematic way of managing information at all levels of government to provide healthcare services to the community. In providing services to the community, the health information system is a systemic management of information at all levels of government. Every healthcare facility in Indonesia must maintain electronic medical records based on Permenkes No. 24/2022. This shows that the role of Health Information Systems is needed in a health system. However, using electronic medical records (EMR) in Indonesian healthcare facilities must be uniformly and sufficiently implemented, so it cannot provide accurate and timely data. This study aims to assess the implementation of EMR in Indonesian hospitals. This study used the literature review method by reviewing 15 journal articles published between 2016 and 2022, retrieved through Google Scholar. The results showed that several hospitals in Indonesia had implemented EMR; some hospitals have effectively implemented it and benefit from the implementation of EMR, such as improving the efficiency of time and effort in providing health services to patients. Patients also receive better medical care. The study findings aim to encourage all healthcare facilities to optimize the use of EMR to enhance healthcare services.</i></p>
Kesimpulan	<p><i>The application of EMR in several hospitals in Indonesia has been implemented; several hospitals have implemented it properly and have benefited from the implementation of EMR, such as increasing the efficiency of time and personnel in providing health services to patients. Patients also get convenience in getting treatment from doctors. In addition, implementing EMR also benefits the resulting internal and external report data to be faster, more precise, and more accurate.</i></p> <p><i>In implementing EMR, there are also obstacles, such as a lack of facilities and infrastructure to support the implementation of EMR and disruption to networks or connections in hospitals. Other obstacles include the absence of a unique team, written policies, and related SOP. Several human resources have not inputted data because they do not understand SIMRS.</i></p>

Kode Artikel : 10

Judul	<i>The Implementation of Electronic Medical Record (EMR) in The Development Health Care System in Indonesia: A Literature Review</i>
Penulis/ Tahun terbit	Amalia, N., et al. 2021
Abstrak	<i>The development of information technology is now growing rapidly, including in the health sector. According to WHO, medical record is an important compilation of facts about a patient's life and health. The development of information technology in medical records is the electronic medical record (EMR). Developed countries, such as the United States and Korea have implemented EMR for a long time. In developing countries such as Indonesia, the development of EMR is still in progress because its implementation requires many factors to build a system or replace from manual medical records. Eventually, it is hoped that in the future all health care will use the EMR to resume patient data from admission to discharge. The purpose of this study is to analyse the implementation and preparation of EMR in health care in Indonesia. This study is a literature review on the implementation and preparation of EMR in health care in Indonesia. The review is done from 28 literature sources (Google-Scholar database). Total of 8 articles were obtained from 2017 to 2021. The results show that there are benefits after switching to EMR, even though some health care only used EMR in certain units. The highest benefit is reducing the cost of duplicating paper for printing. Also there is still limited human resources and tools for implementing EMR in Indonesia. The implementation of this EMR will enable the improvements of the service quality of the health care itself, especially in Indonesia.</i>
Kesimpulan	<i>The implementation of EMR health care in Indonesia is still not fully used in all parts or units of the health care system. Identification of user, needs to be considered in building EMR, so that it can be constructed easily and interestedly. Although, some health care already feel the benefits of EMR implementation, the most advantageous effect felt by its users is the cost of savings. So, there is need for the development for EMR in health care in Indonesia. Mostly, the health care has been working with third parties in developing EMR. Hopefully health care system can develop their own EMR system in the future, which may help to solved many obstacles quickly.</i>

Kode Artikel : 11

Judul	<i>Electronic Health Record Implementation In Developing Countries: A Systematic Review</i>
Penulis/ Tahun terbit	Yaqub, A. 2021
Abstrak	<i>The healthcare business as a whole has altered due to technological advancements. An electronic health record is one of the technological advancements that has a huge impact and provides a considerable benefit in the medical industry. The advancement of electronic health records can assist health organizations in increasing their productivity and profits. To improve work processes, patient safety, and healthcare quality, most developed countries are increasingly embracing an electronic health record (EHR). Unfortunately, several disadvantages and impediments to EHR implementation are addressed in most poor countries. The main goal of this study is to look at the problems and benefits of using an EHR, as well as how it might help develop healthcare delivery in developing nations. Some of the advantages of an EHR system include improving all aspects of patient care and supporting healthy lifestyles in communities, increasing efficiency and lowering health care costs, and improving clinical decision making. Despite the fact that the developing world faces EHR issues like as interoperability, privacy and confidentiality, organizational and social hurdles, technological limits, electronic preservation, EHR legal status, and customization. The potential of EHRs will considerably aid in the transformation of health care. Most studies have proven how feasible it is to create and execute an EHR system that fits into this scenario with support and guidance from wealthier countries.</i>
Kesimpulan	<i>With today's health care practices in most developing countries, information may be both an advantage and a challenge for health care practitioners. The integration of electronic health records into health-care services has aided health-care providers in providing care and treatment to patients. The use of an EHR system has been proved to increase patient safety by reducing the flaws of paper-based health records. However, there are still a number of difficulties surrounding the deployment of an EHR system that should be properly examined in order to maximize the benefits of EHR. Future study is needed to find solutions to these problems. In developing nations, EHR has the potential to improve patient safety, involve people in their own care, and lower total health-care costs. To stay up with the ever-changing environment, this healthcare revolution includes technology advances. In developing countries, the implementation of EHR is a step toward healthcare revolution.</i>

Kode Artikel : 12

Judul	<i>Improving Healthcare Quality by Unifying the American Electronic Medical Record System. Time for Change</i>
Penulis/ Tahun terbit	Kumari, R., & Chander, S. 2023
Abstrak	<i>Innovation development in healthcare has paved the path towards the improvement in system efficiency, patient care and cost-effective healthcare services, increasing the overall efficiency of the healthcare system in a significant manner. Electronic medical record system has fostered interoperability and collaboration in healthcare departments by enabling different systems to exchange and use patient data. This trend has been accelerated dominantly by the pandemic, leading to increased use of telemedicine, referring specifically to the use of electronic communication to provide healthcare services remotely. Moreover, an increased prevalence towards the use of artificial intelligence and machine learning in healthcare has contributed effectively towards the rigorous and informed analysis of large amounts of data as well as to identify patterns or trends that may be useful for improving care delivery or identifying potential issues. A unified electronic medical record System that will generate competitive opportunities and success prospects with reference to enhanced interoperability in US healthcare departments, can contribute towards the improvement in the quality and efficiency of care by making it easier for healthcare providers to access and share patient information as well as reducing the risk of errors in effective patient care.</i>
Kesimpulan	<i>This review provides an in-depth analysis and evaluation of positive and negative outcomes related to the implementation of standardized EMR in the US. With a standardized EMR system, healthcare departments and medical staff can easily access and update patient records, reducing healthcare costs along with the time and effort required to manage patient information. This can lead to improved patient care, increased collaboration and reduced medical errors achieved through enhanced interoperability of healthcare systems, making it easier for healthcare organizations to exchange information with one another and hence, the patients to receive care from multiple providers. In a nutshell, standardized EMR will significantly contribute towards a reduction in barriers to quality care and improvement in quality and coordination of care for patients.</i>

Kode Artikel : 13

Judul	<i>Issues and Trends of Trusted Mobile Electronic Medical Records Management for Healthcare Industry: A Review</i>
Penulis/ Tahun terbit	Zulkipli, F. N., et al. 2022
Abstrak	<p><i>The entire report depicts the different aspects of electronic medical records issues, which provide a brief idea about the trust issues related to different elements. It also includes the growing importance of electronic medical records, which helps advance essential queries about the significance of records administration in modern-day medical organizations. This study is mainly designed to understand the issues of electronic medical record management concern are about the security and privacy-related to patients' information that can cause relatively poor electronic medical records adaption through different healthcare platform systems. Protecting a huge number of healthcare data is a sensitive challenge from different locations, and these issues can hinder the entire system and provide clutches for further application. In recent years, expenditure on healthcare organizations has been increasing rapidly, and practical information technology implementation will improve the quality of electronic medical records management. However, this implementation provides issues that are as significant as crucial to be discussed. It is important to note that this paper reflects a high-level review of some of the new discussions that have taken place in an extensive diversity in contexts of the electronic medical records along with its issues.</i></p>
Kesimpulan	<p><i>Electronic medical record management system contains healthcare information and data in individual electronic format. EMRs are software and hardware program used by a healthcare organization, service provider, and clinics to maintain the EMR information of every patient. This research paper mainly focused on the challenges and issues of implementing an electronic medical record management system. The work identifies significant consumer issues as privacy issues, health identity theft, and data breaches. Switching from a traditional records management system to an electronic medical record management system carries significant risk factors from the records stealing hackers to prove protection against these illegal actions. A poorly designed interface of EMRs slows down the staff work to an inactive grind to select a developed system by experts for the system efficiency. The issues of a trusted electronic medical record system in healthcare provide a guideline that will help the organization and the technologists have a clear understanding and take necessary steps to prevent those issues. The disadvantages of potential cybersecurity and privacy, increasing malpractice liability, and frightening patients are significant issues. They weighed the issues of EMRs against its disadvantages, experts, and policymakers while adopting ERMs and meaningful widespread basis use will provide a considerable advantage.</i></p>

Lampiran 3 Hasil Pencarian Artikel di *Database Ilmiah* dan Seleksi *Mendeley Desktop*

The screenshot shows the Google Scholar search interface. The search bar contains the query: "yuridis or hukum and rekam medis elektronik and implementasi or penerapan". The search results are displayed in a list format. The first result is titled "Penerapan Rekam Medis Elektronik di Rumah Sakit di Indonesia: Kajian Yuridis" by NS Rubayanti, published in "ALADALAH: Jurnal Politik, Sosial, Hukum" in 2023. The second result is "KAJIAN YURIDIS NORMATIF PENYELENGGARAAN REKAM MEDIS ELEKTRONIK DI FASILITAS KESEHATAN" by AY Noor, N Ainny, and INFOKES (Informasi Kesehatan), published in "journal piksi.ac.id" in 2020. The third result is "Kajian Yuridis Pemakaian Rekam Medis Elektronik Di Rumah Sakit" by CM Hapsari and Subiantop, published in "Jurnal Ilmiah Ilmu" in 2019. The fourth result is "ASPEK YURIDIS REKAM MEDIS ELEKTRONIK DIJADIKAN ALAT BUKTI APABILA TERJADI KESALAHAN PELAYANAN KESEHATAN" by B. Basyiruddin, published in "Jurnal Cakrawala Ilmiah" in 2022. The fifth result is "TINJAUAN YURIDIS: TANTANGAN KERAHASIAAN REKAM MEDIS ELEKTRONIK BERDASARKAN PADA PERMENKES NOMOR 24 TAHUN 2022".

Pencarian pada database *Google Scholar* menggunakan kata kunci yaitu: *yuridis OR hukum AND rekam medis elektronik AND implementasi OR penerapan.*

The screenshot shows the ResearchGate search interface. The search bar contains the query: "law and electronic health record or medical record and implementation and healthcare". The search results are displayed in a list format. The first result is titled "Will Healthcare Providers Be Able to Make 'Meaningful Use' of General Electric's New Electronic Health Records System?" by Craig A Conway, published in October 2023. The second result is "Healthcare Information Privacy and Security: Regulatory Compliance and Data Security in the Age of Electronic Health Records".

Pencarian pada database *Research Gate* menggunakan kata kunci yaitu: *law AND electronic health record OR medical record AND implementation AND healthcare.*

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Putra, S A	... SCAN PADA LEMBAR PERSETUJUAN PUBLIKASI, UPLOAD ULANG) ... Pandengn Dosen IAIN Ponorogo Terhadap Sanksi Kabur Iktim Herseptif tambak Hukum ...	2023		4:30am
Sosilawati, A; Susaherty, V R; ...	A case study of informed consent in Indonesian Law Number 29, 2004	2023	Dental Journal ...	4:30am
Hidayati, N	Alasan kasidat bagi Perempuan Dan Pidana Anak Dalam Pembangunan Berkelanjutan	2023	Elqaic: Jurnal Ilmu Hukum dan ...	4:30am
Pantolay, D F N	Analisis Alasan Nasabah Memilih BMT Al-Muhajirin Sebagai Tempat Penayayaan (Studi Pada BMT Al-Muhajirin Di Desa Sunda Kecamatan Banta Kabupaten ...	2023		4:30am
Abdulrah, M	ANALISIS HUKUM DAN ETIK TELEMEDISIN DALAM PELAYANAN KESEHATAN PASCA PANDEMI COVID-19	2023		4:31am
Rahmatika, N	Analisis sebutan Rak File Dokumen Rekam Medis di Rumah Sakit Sentra Medika Cikarang	2023	CONSERVA: Jurnal Penelitian dan ...	4:30am
MUHAMMAD, T A	ANALISIS PENERAPAN PIDANA KERRI KINGSWAY UNTUK MEWUJUDKAN ASAS CIAPAE PIDANA PAK ESTD Studi Putusan (Nomor 287/PN. Siva/2020/PN. Sda)	2023		4:30am
Shafika, A	ANALISIS PERTIMBANGAN HAKIM TERHADAP ANAK PELAKU TINDAK PIDANA PELECEHAN SEKSUAL DENGAN KORBAN ANAK DISABILITAS (Studi Putusan ...	2023		4:30am
Firmansyah, D A; Nugraha, A	Analisis Yuridis Klasifikasi Kecelakaan Kerja Saat Work From Home Yang Dapat Ditanggap Program Jaminan Kecelakaan Kerja	2023	NOVUM: JURNAL HUKUM	4:31am
TALITA, K D	Analisis Yuridis Pemantauan Merlek Terdaftar Di Pengendalian Naga Pada Pengadilan Negeri Semarang	2023		4:30am
Chandrika, K A	BITASAS REVENUEWANG KEBER DAN PRAKTIK KEDOKTERAN MELALUI TELEMEDISINE BERBASIS APLIKASI	2023		4:30am
REZKI, MSRI; SUSILA, J	BITASAS USA MAKSIMAL KELAYAKAN MENGEJAR KENDARAAN BERMOTOR FOKUSKEPIL HUKUM ISLAM	2023		4:30am
SAHAN, J K	COMPUTER BASED INFORMATION SYSTEM UNTUK PENGELOLAAN PENGADAAN BARANG PADA PT. KIM	2023	Circle Archive	4:30am
Tuhazra, S; Sophia, M	Dalam suatu Sistem Aplikasi Dalam Digital Suatu Pencegahan Dalam COVID-19 dan Pengoperasian Iktik Ases Menasa	2023	Comprehensive Law Journal	4:30am
Anjani, S K M Sihal; Alyssa, A Maulana Tommy	Diritpui Digital dan Masa Depan Rekam Medis (Kajian Peraturan Menteri Kesehatan Nomor 24 Tahun 2022 Tentang Rekam Medis Elektronik)	2023		4:30am
Sinatupang, J R; Fahmi, S	EKSTASITAS PENGGUNAAN MEDIA TELEMEDISINE BERDASARKAN HUKUM BIODIVERSITA DAN MALAYSIA	2023	Jurnal Hukum Samudra Keadilan	4:30am
Maryani, S; Yusuf, S A; Situmorang, B H L; Atika, Z;	ETIKA DAN HUKUM KESEHATAN	2023		4:30am
Juliantari, N K; Adiwigah, L Y;	GAMBARAN PROSES IMPLEMENTASI REKAM MEDIS ELEKTRONIK DI UNIT RAWAT JALAN DENGAN METODE HOT-FIT DI RUANG SAKIT UMUM ANI CANTI	2023	The Journal of ...	4:30am
Supeha, S H	Hukum Kesehatan	2023		4:30am
Yossiant, S; Hozizah, H	Implementasi Rekam Medis Elektronik di Klinik Kik Dental Care	2023	Indonesian of health Information ...	4:30am

DETAILS

Type: Journal Article

EFEKTIVITAS PENGGUNAAN MEDIA TELEMEDICINE BERDASARKAN HUKUM INDONESIA DAN MALAYSIA

Author: J. Sinatupang, S. Fahmi

View research catalog entry for this paper

Journal: *Jurnal Hukum Samudra Ke...*

Year: 2023

Volume:

Issue:

Pages:

Abstract:

Penelitian ini menggunakan metode penelitian yuridis ... isi mendasar dari silabus implementasi yang akan menghahangi ... adalah merkapart bagian dari sistem medis pasien. 1..

Tags:

Author Keywords:

Publisher:
ejournalsumid

Type of Work:
JURIL

URL:
<https://ejournalsumid.id/index.php/jshk/art...>
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Catalog IDs:
4444 21

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Authors	Title	Confidence
Damping, N M	PEMBERANTASAN TINDAK PIDANA KORUPSI DAN DIMENSI SISTEMATIK HUKUM KHUSUS	
ZUHRI, K H S S;	IMPLEMENTASI MEDIA POCASST DALAM PEMBELAJARAN DARING MATA PELAJARAN PENDIDIKAN AGAMA ISLAM DI SMP NEGERI 1 KEMBA...	
Umi, P; ZUHRI	NILAI-NILAI SOSIAL DALAM FILM DOKUMENTER NEGERI DI BAWAH KABUT SERTA RELEVANSINYA TERHADAP PENDIDIKAN AGAMA ISLAM	
MUHARAM, H;	BUKU DR. Harjum Muharam, SE., ME., UMUM KEJAK, AKSI & SOLUSI SAAT PANDEMI, Sebuah Antologi ISEI bagi Negeri	
HARAHAR, P; H;	PENEGAKAN HUKUM TERHADAP DOKTER PELAKU PEMERASAN TERHADAP CALON APARATUR SIPIL NEGARA (Studi Kasus Polres Taparuli ...	
Metro, M N I M;	Penyelesaian Tindak Pidana Ujuran Kebecian Restoratif Justice dengan Pendekatan Riqih Islah dan Teori Kompensasi Marah (Studi K...	

DETAILS

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Type: Journal Article

Analisis Perlindungan Hukum Terhadap Pasien Yang Terkena Virus Corona Menurut Undang-Undang No. 44 Tahun 2009 Tent...

Author: A. Siregar

View research catalog entry for this paper

Journal: *Jurnal Ilmiah Mahasiswa Hukum (JIMAHUM) ...*

Year: 2020

Volume:

Issue:

Pages:

Abstract:

Penelitian ini menggunakan jenis penelitian yuridis empiris, ... asas penggunaan fasilitas dalam penanganan kemampuan tiap orang ... Pihak yang memborcakan deritas atau rekam med...

Tags:

Author Keywords:

Publisher:
jurnalmahasiswa.umu.ac.id

Artikel Duplikat

Lampiran 4 Artikel Yang Digunakan

**Criminal Liability for Misuse of Electronic Medical Records
in Health Services**
(Pertanggungjawaban Pidana Penyalahgunaan Rekam Medis Elektronik
dalam Pelayanan Kesehatan)

Prilian Cahyani; Astutik
email: prillian@fh.unair.ac.id; Astutik@fh.unair.ac.id
Faculty of Law Airlangga University Surabaya

Abstract: Electronic medical records (RME) have been used in hospitals as a substitute for or complementary to medical records in the form of paper. The obligation to make medical records is the responsibility of every doctor or dentist in carrying out the medical practice. However, the use of electronic-based medical records does not rule out the possibility of raising problems in the field of law, if some abuse it. This will raise the issue of who has the obligation to take responsibility. The problem is the background of the author to write in an article with the title "Criminal Liability for the Misuse of Electronic Medical Records Abuse in Health Services". The formulation of the problem in this article is: 1) Setting an elec...

Details Notes Contents

Type: Journal Article

Criminal Liability for Misuse of Electronic Medical Records in Health Services

Authors: P. Cahyani, A. Astutik

[View research catalog entry for this paper](#)

Journal: Saeggra

Year: 2020

Volume: 5

Issue: 2

Pages: 215

Abstract:
Electronic medical records (RME) have been used in hospitals as a substitute for or complementary to medical records in the form of paper. The obligation to make medical records is the responsibility of every doctor or dentist in carrying out the medical practice. However, the use of electronic-based medical records does not rule out the possibility of raising problems in the field of law, if some abuse it. This will raise the issue of who has the obligation to take responsibility. The problem is the background of the author to write in an article with the title "Criminal Liability for the Misuse of Electronic Medical Records Abuse in Health Services". The formulation of the problem in this article is: 1) Setting an elec...

Tags:

Author Keywords:
criminal liability; electronic medical records

URL:
Add URL...

Artikel 1

1760 *Medico-legal Update, January-March 2021, Vol. 21, No. 1*

**Harmonization Over the Regulations of
Electronic Medical Records and its Potential to be Abused**

Maskun¹, Rian Nugraha¹, Hasbi Assidiq^{1,2}, Muhammad Tayyib¹, Armelia Syafira¹

¹Faculty of Law, Hasanuddin University,
²Faculty of Law, Hasanuddin University, Makassar, South Sulawesi, Indonesia

Abstract

The rapid development of information and communication technology has brought changes to the mechanism for storing electronic medical records (EMR). EMR is very important to protect and provide comfort and convenience for health services. However, it is very susceptible to be abused by hackers. This study aims to harmonize amongst relevant laws on EMR and to identify the legal protection of EMR from abuse by hackers. This research uses a normative research method to harmonize legal norms and regulations related to EMR that already exist in Indonesia. Legal protection of EMR in Indonesia has not been implemented proportionally even though the regulation on EMR has been stipulated clearly in the Minister of Health Regulation No. 269/ 2008 concerning Medical Records and various relevant Laws on it. There are no derivative laws related to EMR as mandated by the Minister of Health Regulation No. 269/2008 which

Details Notes Contents

Type: Journal Article

Harmonization Over the Regulations of Electronic Medical Records and its Potential to be Abused

Authors: R. Nugraha, H. Assidiq, M. Tayyib et al.

[View research catalog entry for this paper](#)

Journal: *Medico-Legal Update*

Year: 2021

Volume: 21

Issue: 1

Pages: 1760-1765

Abstract:
The rapid development of information and communication technology has brought changes to the mechanism for storing electronic medical records (EMR). EMR is very important to protect and provide comfort and convenience for health services. However, it is very susceptible to be abused by hackers. This study aims to harmonize amongst relevant laws on EMR and to identify the legal protection of EMR from abuse by hackers. This research uses a normative research method to harmonize legal norms and regulations related to EMR that already exist in Indonesia. Legal protection of EMR in Indonesia has not been implemented proportionally even though the regulation on EMR has been stipulated clearly in the M...

Tags:

Author Keywords:
electronic medical records; hackers; legal protection

Artikel 2

Daengku: Journal of Humanities and Social Sciences Innovation
Vol. 3 No. 3 (2023)
<https://doi.org/10.35877/454RI.daengku1662>

ISSN: 2775-6165 (online)

Review of Electronic Medical Records in Indonesia and its Developments Based on Legal Regulations in Indonesia and its Harmonization with Electronic Health Records (Manual for Developing Countries)

Tirsa Sharon Tilaar & P. Lindawaty S. Sewu
Faculty of Law, Maranatha Christian University, Bandung, Indonesia

Abstract

A medical record is a system that aims to track health and hospital visits. It can also be used to assist doctors and nurses in understanding medical history and to assist medical personnel in making decisions about treating patients. The method used in this research is the normative-iridical research method. The specifics of this research is descriptive-analytical research, which is

Details Notes Contents

Type: Journal Article

Review of Electronic Medical Records in Indonesia and its Developments Based on Legal Regulations in Indonesia and Its Harmonization with Elec...

Authors: T. Tilaar, P. Sewu

View research catalog entry for this paper

Journal:

Year: 2023
Volume: 3
Issue: 3
Pages:

Abstract:

Tags:

Author Keywords:
electronic health records; electronic medical records; harmonization

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Arxiv ID: [Add File...](#)

DOI: [Add File...](#)

PMID: [Add File...](#)

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3Review of Electronic Medical Records in L...
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Artikel 3

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/349311424>

EFFECT OF ELECTRONIC HEALTH INFORMATION SYSTEM ON MEDICAL RECORDS MANAGEMENT IN PUBLIC HEALTHCARE INSTITUTIONS

Article · June 2020
DOI: 10.30238/uisu.v3i2.3010440

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Some of the authors of this publication are also working on these related projects:

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Details Notes Contents

Type: Journal Article

Effect of Electronic Health Information System on Medical Records Management in Public Healthcare Institut...

Authors: T. Elikwu, A. Igbokwe, G. Emedhane

View research catalog entry for this paper

Journal: *Unizik Journal of Business*

Year: 2020
Volume: 3
Issue: 1
Pages:

Abstract:
The worrisome state of Nigerian hospitals in the last decades owing to continued to adopt the global trend on information systems to move away from healthcare delivery characterized by inefficiencies, poor management practices evidenced by continuous use of the traditional paper record system in most public health facilities in Nigeria, which often time causes delay and long patient waiting time, resulting in cases of infant and maternal mortality. Hence, this study investigated how an electronic health information system can improve medical records management in Nigeria's public healthcare institutions. The study employed the numerical and qualitative research philosophy, adopted the survey and case study research...

Tags:

Author Keywords:

URL:

Artikel 4

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/359039416>

Exploring the Impact of Electronic Health Records Systems on the Performance of a Healthcare Organisation—A Qualitative Study in Ghana

Article · January 2021

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Type: Journal Article

Exploring the Impact of Electronic Health Records Systems on the Performance of a Healthcare Organisation—A Qualitative Study in Gha...

Authors: C. Owusu, A. Botchwey, R. Opoku et al.

View research catalog entry for this paper

Journal: *Asian Journal of Research in Nursing and Health*

Year: 2021
Volume: 4
Issue: 4
Pages: 251-257

Abstract:
Introduction: The application of the Electronic Health Record System has been objectively acknowledged as an instrument by healthcare establishments to increase efficiency, operational effectiveness and successfully boost revenue generation. Aim: This study aimed at empirically appraising the impact of electronic health record system on the performance of Protestant hospitals in Madaya in the La Nkwantang-Madaya Municipality in the Greater Accra Region of Ghana. Methodology: The study adopted a qualitative approach with a case study design. In-depth interviews and a focus group discussion of a total of thirty-five (35) respondents including ten (10) Original Research Article Botchwey et al., 2021, 4(4...

Tags:

Author Keywords:

Artikel 5

Synchronization of Electronic Medical Record Implementation Guidelines in National E-Health Strategies
(Sinkronisasi Pedoman Pelaksanaan Rekam Medis Elektronik dalam Strategi E-Kesehatan Nasional)

Rezky Ami Cahyahrnita
email : rezkyami@yahoo.com

Health Law Masters Program, University of Muhammadiyah, Malang

Abstract: Medical records are made in writing, complete and clear or electronically. Medical records are the basis of medical services to patients. Paper medical records increase the amount of paper waste in Indonesia. A national e-health strategy is a comprehensive approach to efforts in the national health sector. Electronic medical records are more effective because of better time management. The formulation of the problem in this article covers the reasons, criteria, and implementation of electronic medical records. The research method used is descriptive qualitative research with a statute approach. The criteria for a good electronic medical record

Details Notes Contents

Type: Journal Article

Synchronization of Electronic Medical Record Implementation Guidelines in National E-Health Strategies

Author: R. Cahyahrnita

Journal: Soepra

Year: 2020

Volume: 5

Issue: 2

Pages: 209

Abstract:
Medical records are made in writing, complete and clear or electronically. Medical records are the basis of medical services to patients. Paper medical records increase the amount of paper waste in Indonesia. A national e-health strategy is a comprehensive approach to efforts in the national health sector. Electronic medical records are more effective because of better time management. The formulation of the problem in this article covers the reasons, criteria, and implementation of electronic medical records. The research method used is descriptive qualitative research with a statute approach. The criteria for a good electronic medical record are integrated data from various sources, data collected at the service point. ...

Tags:

Author Keywords:
electronic medical record; health services; national e-health strategy

URI:

Artikel 6

J-REMI : Jurnal Rekam Medik dan Informasi Kesehatan
Vol. 4, No. 3, Juni 2023, hlm. 108-117
EISSN: 2721-866X
URL : <https://publikasi.polije.ac.id/index.php/j-remi>

Evaluasi Penerapan Rekam Medis Elektronik Dengan Pendekatan Technology Acceptance Model di Rumah Sakit X di Kota Surabaya

Intansari^{1*}, Martya Rahmaniati¹, Dian Fajar Hapsari²

¹Ilmu Kesehatan Masyarakat, Fakultas Kesehatan Masyarakat, Universitas Indonesia
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²Bagian Perencanaan dan Evaluasi RSUD Dr. Soetomo
dianfajar05@gmail.com

Keywords: *System evaluation Electronic Medical Record, Technology Acceptance Model*

ABSTRACT
Electronic medical records have an important in the provision of health services in hospitals, electronic medical records are a source of health data and information that can be used in assessing the quality of health services

Details Notes Contents

Type: Journal Article

Evaluasi Penerapan Rekam Medis Elektronik dengan Pendekatan Technology Acceptance Model di Rumah Sakit X di Kota Surabaya

Author: I. Intansari, M. Rahmaniati, D. Hapsari

Journal: J-REMI : Jurnal Rekam Medik dan Informasi Kesehatan

Year: 2023

Volume: 4

Issue: 3

Pages: 108-117

Abstract:
Rekam medis elektronik mempunyai peran yang cukup penting dalam penyelenggaraan pelayanan kesehatan di rumah sakit dimana rekam medis elektronik merupakan sumber data dan informasi kesehatan yang dapat digunakan dalam menilai baik buruknya pelayanan kesehatan. Rumah sakit X telah mengimplementasikan penggunaan rekam medis elektronik sejak tahun 2020 akan tetapi belum pernah dilakukan evaluasi terhadap penerapan rekam medis elektronik sehingga diperlukan upaya evaluasi yang formatif untuk menilai kualitas rekam medis elektronik dengan menggunakan Technology Acceptance Model yaitu menilai sejauh mana berdasarkan dimensi kemudahan (ease of use) dan perse...

Tags:

Author Keywords:

Artikel 7

Jurnal Kesehatan Vokasional, Vol. 4 No. 1 (Februari 2019)
ISSN 2541-0644 (print), ISSN 2599-3275 (online)
DOI <https://doi.org/10.22146/jkesvo.41994>

Tantangan Etika dan Hukum Penggunaan Rekam Medis Elektronik dalam Era Personalized Medicine

Rani Tiyas Budiyaniti¹, Penggalih Mahardika Herlambang², Nurhasmadiar Nandini³
Administrasi dan Kebijakan Kesehatan, Fakultas Kesehatan Masyarakat, Universitas Diponegoro, Semarang^{1,3}

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ranitiasbudiyaniti@gmail.com¹, pmherlambang@gmail.com², nurhasmadiar.nandini@live.undip.ac.id³

Submitted 19 Desember 2018 Revised 12 Januari 2019 Accepted 24 Januari 2019

ABSTRAK

Latar Belakang: Personalized medicine merupakan salah satu pendekatan pengobatan kesehatan yang berkembang dalam sepuluh tahun terakhir. Pengobatan ini bersifat spesifik karena mempertimbangkan genomik pasien dan memerlukan database atau rekam medis yang

rekam medis elektronik, personalized medicine, serta aspek hukum dan etika yang terkait baik dalam negeri maupun luar negeri.

Hasil: Tantangan etika dan hukum yang dapat terjadi dalam penggunaan rekam medis elektronik di era personalized medicine diantaranya adalah

Details Notes Contents

Type: Journal Article

Tantangan Etika dan Hukum Penggunaan Rekam Medis Elektronik dalam Era Personalized Medicine

Author: R. Budiyaniti, P. Herlambang, N. Nandini

Journal: Jurnal Kesehatan Vokasional

Year: 2019

Volume: 4

Issue: 1

Pages: 49

Abstract:
Background: personalized medicine is one of the health treatment approaches that has developed in the last ten years. This treatment is specific because it considers the genomics of patients and requires a complete database or medical record covering clinical and genomic data. However, there are ethical and legal challenges in the implementation of electronic medical records in personalized medicine. Objective: This study aimed to determine the ethical and legal challenges in the use of electronic medical records in personalized medicine based on previous literature. Methods: The method used in this study was literature review with sources from journals, books, and articles on electronic me...

Tags:

Author Keywords:

URI:

Artikel 8

J-Kesmas: Jurnal Fakultas Kesehatan Masyarakat
(The Indonesian Journal of Public Health)

Available at <http://jurnal.utu.ac.id/jkesmas> [Open Access](#) **LITERATURE REVIEW**

p-ISSN: 2355-0643, e-ISSN: 2355-0988
Vol. 10, No. 01, April, 2023

Details Notes Contents

Type: Journal Article

Literature Review: The Effectiveness of Electronic Medical Records (RME) On Hospital Service Quality

Author: Z. Indira, A. Widodo, F. Agushybana

[View research catalog entry for this paper](#)

J-Kesmas: Jurnal Fakultas Kesehatan Masyarakat (The Indonesian Journal of Public Health)

Year: 2023
Volume: 10
Issue: 1
Pages: 57

Abstract:
Health Information System is a systematic way of managing information at all levels of government to provide healthcare services to the community. In providing services to the community, the health information system is a systemic management of information at all levels of government. Every healthcare facility in Indonesia must maintain electronic medical records based on *Permenkes* No. 24/2022. This shows that the role of Health Information Systems is needed in a health system. However, using electronic medical records (EMR) in Indonesian healthcare facilities must be uniformly and sufficiently implemented, so it cannot provide accurate and timely data. This study aims to assess the implementation of...

Tags:

Author Keywords:

Literature Review: The Effectiveness of Electronic Medical Records (RME) On Hospital Service Quality

^{1,2,3}Zahrasita Nur Indira, ²Aris Puji Widodo, ³Farid Agushybana

^{1,2,3}Magister Public Health, Faculty of Public Health, Diponegoro University, Semarang, Indonesia
Corresponding author: Zahrasita Nur Indira, e-mail: nurindira.zahrasita@gmail.com
Co-author: APW: e-mail: apwcourses2010@gmail.com, FA: e-mail: Agushybana@lecturer.undip.ac.id
Submitted: 27/11/2022 **Revised:** 17/01/2023 **Published online:** 26/04/2023

Doi: <https://doi.org/10.35308/j-kesmas.v7i2.7278>. **How to cite this article:** Indira, Z.N., Widodo, A.P & Agushybana, F. (2023). Literature Review: The Effectiveness of Electronic Medical Records (RME) On Hospital Service Quality. *J-Kesmas: Jurnal Fakultas Kesehatan Masyarakat (The Indonesian Journal of Public Health)*, 10(1): 57-64

Abstract

Health Information System is a systematic way of managing information at all levels of government to provide healthcare services to the community. In providing services to the community, the health information system is a systemic management of information at all levels of government. Every healthcare facility in Indonesia must maintain electronic medical records based on *Permenkes* No. 24/2022. This shows that the role of Health Information Systems is needed in a health system. However, using electronic medical records (EMR) in Indonesian healthcare facilities must be uniformly and sufficiently implemented, so it cannot provide accurate and timely data. This study aims to assess the implementation of...

Artikel 9

Int J Adv Life Sci Res. Volume 4(3) 08-12
<https://doi.org/10.31632/ijalsr.2021.v04i03.002>

International Journal of Advancement in Life Sciences Research

Online ISSN: 2581-4877
journal homepage <http://ijalsr.org>

Review Article

The Implementation of Electronic Medical Record (EMR) in The Development Health Care System in Indonesia: A Literature Review

Nuke Amalia¹, Muh. Zul Azhri, Anna Rosarini, Dina Ribka Wijayanti, Maya Ayu Riestiyowati

Sekolah Tinggi Ilmu Kesehatan Hang Tuah Surabaya, Gadungst. No. 1, Surabaya, 60244, Indonesia
**Correspondence E-mail :* nuke-amalia@stikehangtuah-sby.ac.id

Abstract

The development of information technology is now growing rapidly, including in the health sector.

Details Notes Contents

Type: Journal Article

The Implementation of Electronic Medical Record (EMR) in The Development Health Care System in Indo...

Author: N. Amalia, M. Ruslani, A. Roparini et al.

[View research catalog entry for this paper](#)

International Journal of Advancement in Life Sciences Research

Year: 2021
Volume: 4
Issue: 3
Pages: 8-12

Abstract:
The development of information technology is now growing rapidly, including in the health sector. According to WHO, medical record is an important compilation of facts about a patient's life and health. The development of information technology in medical records is the electronic medical record (EMR). Developed countries, such as the United States and Korea have implemented EMR for a long time. In developing countries such as Indonesia, the development of EMR is still in progress because its implementation requires many factors to build a system or register from manual medical records. Eventually, it is hoped that in the future all health care will use the EMR to resume patient data from admission to discharge. T...

Tags:

Author Keywords:

Artikel 10

ELECTRONIC HEALTH RECORD IMPLEMENTATION IN DEVELOPING COUNTRIES: A Systematic Review

Abdulkareem Yaqub E.
18-52hp001@student.unilorin.edu.ng
Department Of Telecommunication Science
Faculty of Communication and Information Science
University of Ilorin

ABSTRACT: The healthcare business as a whole has altered due to technological advancements. An electronic health record is one of the technological advancements that has a huge impact and provides a considerable benefit in the medical industry. The advancement of electronic health records can assist

Details Notes Contents

Type: Journal Article

Electronic Health Record Implementation in Developing Countries

Authors: O. J. O.

[View research catalog entry for this paper](#)

Journal:
Year: 2021
Volume:
Issue:
Pages:

Abstract:

Tags:

Author Keywords:
developing countries; ehr; electronic health record; healthcare; implementation

URI:
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Catalog IDs

ArXiv ID:

DOI:

PMID:

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 118ELECTRONIC HEALTH RECORD IMPLE...
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Artikel 11

Preprints (www.preprints.org) | NOT PEER-REVIEWED | Posted: 13 March 2023 | doi:10.20944/preprints202303.0217.v1

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Review

Improving Healthcare Quality by Unifying the American Electronic Medical Record Systems. Time for Change

Roopa Kumari¹ and Subhash Chander²

¹ Department of Pathology, Mount Sinai Morningside and West, New York, USA.
² Department of Medicine, Mount Sinai Beth Israel, NY, New York, USA.
 * Correspondence: subhash.chander@mountsinai.org

Abstract: Innovation development in healthcare has paved the path towards the improvement in system efficiency, patient care and cost-effective healthcare services, increasing the overall efficiency of the healthcare system in a significant manner. Electronic medical record system has fostered interoperability and collaboration in healthcare departments by enabling different systems to exchange and use patient data. This trend has been accelerated dominantly by the pandemic, leading to increased use of telemedicine, referring specifically to the use of electronic communication to provide healthcare services remotely. Moreover, an increased prevalence towards the use of artificial intelligence and...

Tags:

Author Keywords: American Healthcare System; Electronic Medical Record; Unified EMR

URL:

Details Notes Contents

Type: Journal Article

Improving Healthcare Quality by Unifying the American Electronic Medical Record Systems. Time for Change

Authors: R. Kumari, S. Chander

View research catalog entry for this paper

Journal: 2023
 Volume: March
 Pages: 1-9

Abstract:
 Innovation development in healthcare has paved the path towards the improvement in system efficiency, patient care and cost-effective healthcare services, increasing the overall efficiency of the healthcare system in a significant manner. Electronic medical record system has fostered interoperability and collaboration in healthcare departments by enabling different systems to exchange and use patient data. This trend has been accelerated dominantly by the pandemic, leading to increased use of telemedicine, referring specifically to the use of electronic communication to provide healthcare services remotely. Moreover, an increased prevalence towards the use of artificial intelligence and...

Tags:

Author Keywords:
 American Healthcare System; Electronic Medical Record; Unified EMR

URL:

Artikel 12

ResearchGate

See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/361331432>

ISSUES AND TRENDS OF TRUSTED MOBILE ELECTRONIC MEDICAL RECORDS MANAGEMENT FOR HEALTHCARE INDUSTRY: A REVIEW

Conference Paper · March 2022

CITATION 1 HEADS 31

5 authors, including:

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Saiful Farik Mat Yatin
 Universiti Teknologi MARA
 70 PUBLICATIONS 159 CITATIONS
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Some of the authors of this publication are also working on these related projects:

Both of them are belong to me View project

Details Notes Contents

Type: Journal Article

Issues and Trends of Trusted Mobile Electronic Medical Records Management for Healthcare Industry: a Review...

Authors: F. Zulkipri, N. Hussin, S. Farik et al.

View research catalog entry for this paper

Journal: *International Journal of Business and Economy (IJBE)*

Year: 2022
 Volume: 4
 Issue: 1
 Pages: 50-59


Abstract:
 The article report depicts the different aspects of electronic medical records issues, which provide a brief idea about the trust issues related to different elements. It also includes the growing importance of electronic medical records, which helps advance essential queries about the significance of records administration in modern-day medical organizations. This study is mainly designed to understand the issues of electronic medical record management concerns are about the security and privacy-related to patient information that can cause relatively poor electronic medical records adoption through different healthcare platform systems. Protecting a huge number of healthcare data is a sensitive challenge from ...

Tags:

Author Keywords:

Artikel 13

Lampiran 5 Lembar Konsultasi Karya Tulis Ilmiah


YAYASAN WAHANA BHAKTI KARYA HUSADA
INSTITUT TEKNOLOGI SAINS DAN KESEHATAN
RS dr. SOEPRAOEN
PROGRAM STUDI D-III REKAM MEDIS DAN INFORMASI KESEHATAN
 Jalan Sudanco Supriadi nomor 22 Malang 65147 Telp. (0341) 351275 Fax. (0341) 351310
 Website: www.ITSK-soepraoen.ac.id / Email: rmlk_soepraoen@elclouduku.com








LEMBAR KONSULTASI KARYA TULIS ILMIAH
D-III REKAM MEDIS DAN INFORMASI KESEHATAN

Nama : Lidana Maulana Akh

NIM : 205040

Dosen Pembimbing : 1. Ibu Retno Dewi Prasasti, SST, MPH
2. Bapak Achmad Jaelani Ruedu, SST, MKes

Judul Karya Tulis Ilmiah
Literatur Review : KAJIAN YURIDIS REKAM MEDIS
ELEKTRONIK SEBAGAI ALAT BUKTI HUKUM

No	Materi Bimbingan	Tanggal	Paraf
1.	Bulet : judul + BAB I	1/12/22	
1.	psky = judul + BAB I	1/12/22	
3.	psky = revisi kata kunci	24/12/22	
4.	Bulet. pendalaman Materi	24/12/22	
5.	lengkapi proposal magang	22/12/22	
6.	psky : konsul Bab I	20/3/23	
7.	psky : konsul review seminar + ACC detail	10/10/23	

Lampiran 6 Dokumentasi Konsultasi Mahasiswa

