

# Synergy of Government and Regional Government Authority in Providing Health Guarantee for Communities in Indonesia

*by Wafda , Vivid Izziyana*

---

**Submission date:** 11-Nov-2020 10:28AM (UTC+0700)

**Submission ID:** 1442584873

**File name:** 9.\_Legal\_Protection\_of\_Medical\_Records\_for\_Hospital\_Patients.pdf (1.97M)

**Word count:** 12341

**Character count:** 99788

ISSN-0971-720X (Print) • ISSN-0973-1283 (Electronic)

Volume 20, <sup>1</sup>Number 1 January-March 2020



# Medico-Legal Update

An International Journal



[www.medicolegalupdate.org](http://www.medicolegalupdate.org)

# Medico-Legal Update

Editor-in Chief

**Prof. (Dr) R K Sharma**

Former Head, Department of Forensic Medicine & Toxicology  
All-India Institute of Medical Sciences, New Delhi-110029

E-mail: medicolegalupdate@gmail.com

## ASSOCIATE EDITOR

1. **S.K. Dhatterwal** (Professor)  
Forensic Medicine, PGIMS, Rohtak, Haryana
2. **Dr. Adarsh Kumar** (Additional Professor)  
Forensic Medicine, AIIMS, New Delhi
3. **Dr. Vijaynath V** (Associate Professor)  
Forensic Medicine, Vinayaka Mission Medical college, Tamil Nadu
4. **Ms. Roma Khan**, Forensic Sciences, INSAAF Mumbai
5. **Dr. Imran Sabri** (Assistant Professor)  
Department of Bio-Medical Sciences, College of Medicine, King Faisal University, Saudi Arabia

## INTERNATIONAL EDITORIAL ADVISORY BOARD

1. **B. N. Yadav** (Professor)  
Forensic Medicine, BP Koirala Institute of Medical Sciences, Nepal
2. **Dr. Vasudeva Murthy Challakere Ramaswam** (Senior Lecturer)  
Department of Pathology, International Medical University, Bukit Jalil, Kuala Lumpur, Malaysia
3. **Babak Mostafazadeh** (Associate Professor)  
Department of Forensic Medicine & Toxicology, Shahid Beheshti University of Medical Sciences, Tehran-Iran
4. **Dr. Sarathchandra Kodikara** (Lecturer)  
Forensic Medicine Department of Forensic Medicine, Faculty of Medicine, University of Peradeniya, Sri Lanka

## NATIONAL EDITORIAL ADVISORY BOARD

1. **Prof. N.K. Agarwal** (Professor) Forensic Medicine, UCMS, Delhi
2. **P.K. Chattopadhyay**, (Professor)  
Forensic Sciences, Amity University, Noida
3. **Dalbir Singh** (Professor) Forensic Medicine, PGIMER, Chandigarh
4. **Dr. Harish Pathak**, Mumbai
5. **J. Gargi** (Professor) GGS Medical College, Faridkot
6. **P.C. Dikshit** (Professor)  
Forensic Medicine, Jamia Hamdard Medical College, New Delhi
7. **Anil Mittal** (Professor)  
Forensic Medicine, Vardhman Mahavir Medical college, New Delhi
8. **Balbir Kaur** (Professor)  
Forensic Medicine, MM institute of Medical Sciences, Ambala
9. **Mukesh Yadav** (Professor) Forensic Medicine, School of Medical Sciences and research, Greater Noida
10. **T.K.K. Naidu** (Professor) Forensic Medicine, Prathima Institute of Medical Sciences Andhra Pradesh
11. **S. Das** (Professor) Forensic Medicine, Himalayan Institute of Medical Sciences Dehradun
12. **Col Ravi Rautji**, Forensic Medicine, Armed Forces Medical College, Pune
13. **Dr. Manish Nigam** (Professor and Head)  
Department of Forensic Medicine & Toxicology Sri Aurobindo Institute of Medical Sciences, INDORE (M.P.)
14. **Dr. Shailesh Kudva** (Principal)  
Rajasthan Dental College and Hospital Jaipur-302026
15. **Usmanganishah Makandar** (Associate Professor)  
Anatomy, AIIMS, Bhatinda
16. **Dr. Pratik Patel** (Professor and Head) Forensic Medicine, Smt NHL Municipal Medical College Ahmedabad
17. **Basappa S. Hugur** (Associate Professor)  
Forensic Medicine, Ramaiah Medical College, Bangalore

## NATIONAL EDITORIAL ADVISORY BOARD

18. **Dr. Vandana Mudda** (Awati) (Associate Prof)  
Dept of FMT, M.R. Medical College, Gulbarga, Karnataka, India
19. **Dr. Harish Kumar. N.** (Associate Professor)  
Dept. of Forensic Medicine, Sri Siddhartha Medical College, Tumkur
20. **Dr. Gowri Shankar** (Associate Professor)  
Forensic Medicine, SNMC, Bagalkot
21. **Dr. Manjunath Badni** (Reader) Dept of Oral pathology Maharana Pratap college of Dentistry and Research Centre, Gwalior
22. **Dr. L. Ananda Kumar** (Associate Professor) Forensic Medicine, Rajiv Gandhi Institute of Medical Sciences, (RIMS), Kadapa
23. **Dr. Ramesh Nanaji Wasnik** (Associate Professor and Head)  
Forensic Medicine Late B.R.K.M. Govt. Medical college, Jagdalpur
24. **Dr. Sachin Sinha** (Reader), Dept. of Oral Pathology & Microbiology  
Daswani Dental College & Research Centre, Rajasthan
25. **Dr. Sasi Kanth**, Asst. Professor, A.C.S.R Government Medical College, Nellore, Andhra Pradesh.

**Medico Legal Update** is a scientific journal which brings latest knowledge regarding changing medico legal scenario to its readers. The journal caters to specialties of Forensic Medicine, Forensic Science, DNA fingerprinting, Toxicology, Environmental hazards, Sexual Medicine etc. The journal has been assigned international standard serial number (ISSN) 0971-720X. The journal is registered with Registrar of Newspaper for India vide registration numbers 63757/96 under Press and Registration of Books act, 1867. The journal is also covered by EMBASE (Excerpta Medica Database) from 1997 and by INDEX COPERNICUS, POLAND. Medico legal update is a half yearly peer reviewed journal. The journal has also been assigned E-ISSN 0973-1283 (Electronic version). The first issue of the journal was published in 1996.

Website: [www.medicolegalupdate.org](http://www.medicolegalupdate.org)

© All Rights reserved The views and opinions expressed are of the authors and not of the Medico Legal Update. The Medico Legal Update does not guarantee directly or indirectly the quality or efficacy of any products or service featured in the advertisement in the journal, which are purely commercial.

## Editor

**Dr. R.K. Sharma**  
Institute of Medico-legal Publications  
Logix Office Tower, Unit No. 1704, Logix City Centre Mall,  
Sector- 32, Noida - 201 301 (Uttar Pradesh)

## Printed, published and owned by

**Dr. R.K. Sharma**  
Institute of Medico-legal Publications  
Logix Office Tower, Unit No. 1704, Logix City Centre Mall,  
Sector- 32, Noida - 201 301 (Uttar Pradesh)

## Published at

**Institute of Medico-legal Publications**  
Logix Office Tower, Unit No. 1704, Logix City Centre Mall,  
Sector- 32, Noida - 201 301 (Uttar Pradesh)




---



---

## CONTENTS

---



---

**Volume 20, Number 1**

**January-March 2020**

### Contents

1. An Autopsy Study of Cranio-Cerebral Injuries Due to Road Traffic Accidents..... 1  
*Gandla Bala Maddileti, A.Dominic Infant Raj, Rajendra Kumar, Gajula Mahesh, Yamini.K*
2. Estimation of Age from Shoulder Joint by Radiographic Assessment of Epiphyseal Fusion of Related Bones in Population of Chhattisgarh: A Cross Sectional Study..... 7  
*Aloke Mazumder, Ninad Nagrale*
3. Original Research Article ..... 7
4. Age Estimation from Radiological Evaluation of Epiphyseal Union of Related Bones Around Elbow Joint: A Cross Sectional Study from Central India (Chhattisgarh) ..... 12  
*Aloke Mazumder, Ninad Nagrale*
5. Manufacturers and Endorsers Liability: Shifting the Onus Approach ..... 18  
*Amrita Mishra, Amruta Das*
6. Crossword Puzzle: An Innovative Assessment Tool to Improve Learning of Students in Forensic Medicine23  
*Harish Kumar Agarwal, Aparna Singhal, Arvind Kumar Yadav*
7. A Study to Assess the Patients Compliance to Medications among Hypertension Patients at Selected Areas in Kanchipuram District Tamilnadu..... 28  
*M.Kalki, S. Mohana Priya, N.Thivya*
8. Restrictions Imposed by Human Biology in Achievement of Gender Justice as Human Rights..... 31  
*Parul Yadav, Komal Vig*
9. Knowledge & Perception Of Medical Students Towards The LGBT (Lesbian, Gay, Bisexual & Transgender) Patients & Their Rights: A Cross Sectional Study..... 36  
*Ninad Nagrale, Pawan Wankhade, Bhupendra Gathe, A.P.Dongre*
10. Causes and Factors in Road Traffic Accidents at a Tertiary Care Center of Western Uttar Pradesh..... 43  
*Pradeep Kumar Agarwal, Pranav Kumar, Harnam Singh*
11. Toxicological Trends of Poisoning in a Tertiary Care Center of Western Uttar Pradesh ..... 47  
*Pradeep Kumar Agarwal, PranavKumar, Harnam Singh*
12. A Study on the Cause of Death Due to Burn Cases and Histopathological Changes in North Indian Setting-A Cross Sectional Study ..... 51  
*Pradeep Kumar Yadav, Richa Choudhury, Anoop Kumar Verma, Mousami Singh, Raja Rupani, Sangeeta Kumari, Rajiv Ratan Singh*

## II

13. Client Satisfaction and Preferences Towards Nonverbal Communication(NVC) of Health Care Providers in a Therapeutic Setting, Mangaluru..... 55  
*Sonia Sequeira, Precilla D'Silva*
14. **1** Querying the Dataset from the Developed Ontology for Swineflu Disease..... 61  
*Radhika Pathi, Suresh Verma Penumatsha, Lakshmi Kalyani Neerukonda, P.Rama Krishna*
15. Constitutionality of Attempt to Commit Suicide- Unlocking The Controversy” ..... 67  
*Smita Satapathy*
16. Perspective on the Immorality of Honor Killings – A Review Article ..... 71  
*Sneha.S, Smriti Sarathi, P.Sampath Kumar Rajesh.R, Jagdish Kamal Chander.U*
17. International Humanitarian Approach on ‘Identity Crisis’ of LGBTQ: A Global Perspective..... 76  
*Amruta Das, Amrita Mishra*
18. Direction of Environmental Virtue an Epilogue: A Critical Analysis of 19<sup>th</sup> Century Case Laws ..... 81
19. A Study on Pattern of Intracranial Injuries in Cases of Fatal Head Injury ..... 86  
*Arulmathikannan M, Jagdish Kamal Chander U., Priyadarshree Pradhan, Sneha.S, P. Sampath Kumar*
20. A Post-mortem Observational Study of Suspicious Deaths in Married Females Aged 30 Years or Less ..... 90  
*J. P. Kachhadia, J. A. Tanna, V. R. Patil*
21. Study of Various Osteometric Parameters of Human Mandible in Adult and Elderly Age Groups ..... 95  
*Priyamvada Kurveti, Dheeraj Singh Verma, Jayanthi Yadav, B.P. Dubey*
22. Estimation of Stature from Footprint Length ..... 100  
*Janarthanan. R , Muthamizh Selvan P*
23. Assessment of Knowledge and Attitude of Adolescents Regarding Blood and Organ Donation in Selected Rural Areas of Shimla, Himachal Pradesh, India ..... 105
24. Non-Invasive Method of Measuring Blood Sugar in the Early Stage and Diagnose the Result Using Discrete Wavelet Transform..... 110  
*N.D Bobby, N.Prabhakaran, J.Thameema Begum, M.MuniReddy*
25. Knowledge about Legal Aspects of Medical Negligence in India among Dentists– A Questionnaire Survey ..... 115  
*P.K.Uma, Pratibha Ramani, Herald. J. Sherlin, Gheena.S, Gifrina Jayaraj, K.R. Don, Archana Santhanam*
26. Nasal Height as a Parameter for Stature Estimation & Sex Differentiation in Dehradun Region ..... 120  
*Jyoti Barwa, Rattan Singh*
27. Study oof Suspicious Deaths in Middle Aged Married Females..... 126  
*J. P. Kachhadia, S. B. Bhatt, V. R. Patil*
28. Quality of Life among Patients with Hypertension at Selected Tertiary Hospital In Kelambakkam, Kanchipuram District, Tamil Nadu, India ..... 131  
*Lenin Ezhilarasu.J, Parasuraman. P, Sathiya priya.V*
29. Effectiveness of Information Booklet on Knowledge, Practices and Willingness Regarding Recycling of Solid Household Waste Management among Residents..... 134  
*Seeta Devi, Roya Nemati, Petronella Natah, Rehu Rajan, Sumit Rane*

30. A Study “To Assess the Level of Knowledge on Swine Flu Among Adults in Selected Area at Poonchery, Kanchipuram District, Tamilnadu ..... 139  
*N.William Raj, R.Bhuvaneshwari, Shenbagaprabha.N*
31. The Effectiveness of Video Assisted Teaching on Fire Safety among School Children at Selected School, Kanchipuram District, Tamilnadu ..... 142  
*Moses Rathnakumar, Shruthi P, L.Lakshmi*
32. Lilliputian Neglected Happenings Call For Snafu: “Theory of Broken Windows” ..... 145  
*Shyamantak Misra, Prabir Kumar Pattnaik*
33. Self Determination and Indigenous People: The Fight For ‘Commons’ ..... 148  
*Swati Mohapatra*
34. A Descriptive Study to Assess the Knowledge on Fast Food Eating among Adults in Selected Urban Community Kanchipuram District Tamil Nadu ..... 153  
*T. Yaazhini, K.Vishwanathan, N.S Shakthivel, M.Yagajeyanthi*
35. A Three Year Study of Skull Fracture Patterns in Fatal Road Traffic Accidents in a Tertiary Care Hospital Mortuary in Imphal From 2015-2018 ..... 156  
*Th. Meera Devi, Memchoubi Ph., Haobijam Rita Devi*
36. Intracranial Meningioma Aggressivity Image and Level of Malignancy in Head Magnetic Resonance Imaging (MRI)..... 162  
*Vony Tjandra, Sri Andreani Utomo, Ulinta Purwanti, Dyah Fauziah, Hari Basuki*
37. Practice and Perceived Barriers among Health Care Workers to Control Infection in Dialysis Unit ..... 169  
*Jackline Prathibha, Daisy Josphine Lobo, Shalini G Nayak, Vandana KE*
38. Profile of Medicolegal Autopsy Cases at Tertiary Care Centre in Belagavi, Karnataka. A One Year Retrospective Study ..... 174  
*Khaja Azizuddin Junaidi, Somashekhar S Pujar, Ravindra S Honnugar, Prasanna S Jirli, Vishal V Koulapur, Kashif Ali, Pushpa M.G*
39. Accuracy of Demerjian Age Estimation Method in South India Kadapa [A.P] Population-A Cross Sectional Study ..... 179  
*Prem Kumar Moode, L Ananda Kumar, Ramesh Mittapelly*
40. Iatrogenic Factors and Oral Health..... 184  
*Asma Usmani, Chavi Bhati, Mayur Kaushik, Afzal Ahmad*
41. Medical Malpractice in India: A Critical Analysis of Liability and Defense Framework ..... 191  
*Hiranmaya Nanda, Amruta Das*
42. The Prospect of Environmental Law to Achieve Healthy Environmental Development in Indonesia ..... 195  
*Absori Absori, Sigit Sapto Nugroho, Anik Tri Haryani, Sarjiyati Sarjiyati, Arief Budiono, Heru Santoso Wahito Nugroho Rangga Jayanuarto*
43. Measurement of Lipid Profile in Fasting Persons ..... 200  
*Adhraa Baqir Hassan, Hayder L. F. AL-Msaid, Arshad noori ghani Al-dujaili, Haider Salih Jaffat*
44. Legal Protection of Medical Records for Hospital Patients ..... 205  
*Agus Prihartono Permana Sidik, Rani Sri Agustina, Wafda Vivid Izziyana*

#### IV

45. Prevalence of Coronary Artery disease in Patients undergoing Non Coronary Cardiac Surgery: A Single Center Study ..... 209  
*Ahmed Moyed Hussein, Bahaa Abdullah Ali, Merah Subhi Mohammed*
46. Incidence of Early Complications in Laparoscopic Total Thyroidectomy Vs Open Thyroidectomy Using Breast Approach in Simple Multinodular Goiter ..... 214  
*Alaa Jamel Hasin, Muslim Kandel Kadeem, Kasin Tream*
47. Molecular Detection of Mutations in mtCOX1 Gene in Iraqi Patients with Aortic and Mitral Valve Diseases ..... 219  
*Ali Jumaa Al-Hussona, Faizah A.W. Ahmed*
48. Rubik Play Therapy Influence on the Level of Anxiety in Children Preoperative..... 225  
*Aprina, Meylani Anita Putri, Siti Fatonah*
49. The Surgical Outcome of Distal Pancreatectomy for Distal Pancreatic Tumors ..... 230  
*Aqeel Shakir Mahmood, Waseem M shakir, Khalid Shakir kareem*
50. Condition of Houses with Smoking Habits in Patients with Pulmonary Tuberculosis ..... 236  
*Baharuddin Condeng, Muhammad Syafar, Saifuddin Sirajuddin, Furqaan Naiem, Azizah Saleh*
51. Diode Laser & Conventional Surgery Treatment, A Comparative Study in Anal Diseases ..... 241  
*Basim Ghaib Hussein, Jameel I. Azzawi, Rabah Ali Hussein*
52. Hypertension Control in Diabetic Patients ..... 247  
*Bilal Jamal Kamal, Shan Nadhmi Nadhim, Muhammed Ali Khalaf*
53. The importance of Post-Mortem Computed Tomography (PMCT) as a Complementary Diagnostic Technique to Traditional Autopsy in a Case of Asphyxia Related-Death..... 253  
*Del Fante Z., Di Fazio N., Quattrocchi A., Fazio V., De Matteis A., Arcangeli M., La Russa R.*
54. The Effect of Soot Particulate towards MAPK Expression in the Mechanism of Cardiovascular System Disruption ..... 258
55. Synergy of Government and Regional Government Authority in Providing Health Guarantee for Communities in Indonesia ..... 264  
*Fatkul Muin, Rully Syahrul Mucharom, Wafda Vivid Izziyana*
56. Evaluation the Relation between School Bag Weight and Backache among Primary School Pupils in Tikrit City ..... 269  
*Firas Tariq Ismaeel, Wheab Faraj Dawood, Nisreen Mohammed Ibraheem, Aya Fawaz Mawlood, Ranya Jamal Mahmood*
57. Helicobacter Pylori Can Cause Vitamin B12 Deficiency..... 275  
*Gufraan Kadhim Abdulkareem, Wasan Najim Abdul-Sada, Haider Kadhim Abdulkareem*
58. Detection of Parvovirus B19 Infection in Thalasemic Patients in Tikrit City, Serological Study ..... 278  
*Hala Mohamed Majeed*
59. Evaluation of Titanium di oxide Nano-fillers Incorporation on Mechanical Properties of Heat Cured Acrylic Resin ..... 283  
*Hasanen A. Alnamel, Ali ShyaaTheedan*

60. The effectiveness of *Garcinia Mangostana* L. Rind extract in Reducing Total Cholesterol Levels in Hypercholesterolemic Male White Mice..... 289  
*Hasyim As'ari, Asnani*
61. Role of MnSOD Val16Ala Gene Polymorphism in Changing the Level of Serum Metals in Workers Exposed to Heavy Metals in Al-Nasiriyah City ..... 295  
*Hayder Hussein Jalood, Afrah Abid Maktoof, Rekaby*
62. Seroprevalence of Hepatitis A Virus (HAV) in Mosul City ..... 301  
*Ismail I Daood, Radhwan Hussein Ibrahim*
63. Prostate Health Index in a sample of Iraqi patients with Prostate Cancer and Benign Prostatic Hyperplasia ..... 306  
*Amal A. Hussein, Rayah S. Baban, Alaa G. Hussein, Saif H. Mohammed*
64. The Effect of Buzz Group Modification Method on Exclusive Breastfeeding Against Self Efficacy in Pregnant Women: A Quasi Experiment ..... 313  
*Febyana Dwi Cahyantia, Lailatun Nimah, Retnayu Pradanica*
65. The Discovery of Comorbidity Deviation in the Cervical Cancer Patients Treated by the **Intravenous Pyelography** Examination and Clinical Examination (Based on **Federation Internationale de Gynecologie et d'Obstetrique**) ..... 319  
*Kristina Puji Rahayu, Budi Laraswati*
66. Analysis of Breastfeeding Factors: The Sunrise Model Approach ..... 325  
*Meilina Azizah Nurhayatia, Ni Ketut Alit Armini, Tiyas Kusumaningrum*
67. Comparative Study to Evaluate the Antimicrobial Effect of MTAD, 17% EDTA, and 3% NaOCl- Against **Enterococcus faecalis** in Primary Teeth for Root Canals Therapy (in Vitro Study) ..... 331  
*Sarmad A. Hameed Sana'a Abdulrazzaq Ibrahim Suhad Al-Nasrawi*
68. Iron Oxide Nanoparticles Reduced Biofilm Formation and Detection of **Imb Genes** in **Streptococcus agalactiae** Isolated From Patients with Diabetes Mellitus ..... 337  
*Sarween Omer Taha Rasul, Khadija Khalil Mustafa, Zirak Faqe Ahmed Abdulrahman*
69. Correlation of Nitric Oxide (NO) Sputum Level and Lung Physiology of Indoor Parking Attendant ..... 343  
*Tati Sudiarti, Winariani*
70. Indications and Adverse Outcomes of Emergency Lower Segment Cesarean Section at 1<sup>st</sup> and 2<sup>nd</sup> Stages of Labor at Al-Elwiya Maternity Teaching Hospital ..... 349  
*Weqar Akram, Thikra N. Abdulla, Taghreed Mardan Abullah*
71. The Determinants of the Occupational Diseases in Al-Nasiriyah Province at 2018 ..... 355  
*Majeed MohanThajeel Al-Hamami, Mulim Nahi, Ali A. Saadoon, Safaa Kudhaier Abbas*
72. Model of Women Participation in Supporting Government Policies Reducing Neonatal Mortality in Kupang District..... 362  
*Maria Margaretha Ulemadja Wedho, Mintje Ratoe Oedjoe, David B.W. Pandie*
73. Precision of 3D MSCT Scan Diagnostocs on Maxillofacial Trauma Compared to Stabilization and Instrumentation Operation Results ..... 367  
*Meitty Christina Hidayati, Anggraini Dwi Sensusiati, Hari Basuki*



## VI

74. Breast Cancer Risk Trends of Iraqi Women..... 374  
*Minen Al-Kafajy*
75. Colorectal Cancer in Nineveh: Five Years Survival Rate ..... 378  
*Moayad Aziz Alabdaly*
76. Significance of Fingerprints in A Brutal Travel Bag Murder- A Case Report..... 384  
*Mohammad Ahmad Abdullah Ahmad AlSuwaidi, Abdulrahman Mohammed Obaid Almeheri, Mohammed Thani Rashid Almarri, Jassim Mohammed Abdullah Rashid, Bhoopesh Kumar Sharma*
77. Detect the Infection with Rubella Virus and Toxoplasmosis in Pregnancy Causes Suffering from Early Abortion by Using Real Time PCR ..... 388  
*Mohammed Ayyed Najm, Hadeel Abdelelah Abdel Razaak , HayfaaMahmood Fahad*
78. Flexible Ureterorenoscopy Versus Extracorporeal Shock Wave Lithotripsy for Treatment of Lower Pole Renal Stones ..... 394  
*Mohammed B. Ismail, Hasanain F. Hasan Al-Timimi, Hayder H. Alwan*
79. The Effect of Glutathione versus Co-Enzyme Q10 on Male Infertility Original Study..... 400  
*Mohammed Hussam Mohammed Saeed Alkumait, Mohammed Mohsin Abdul-Aziz, Montadher Hameed Nima*
80. Incidence and Variations of Aberrant Renal Arteries in Kidney Donors Cases..... 406  
*Mustafa AbdulMonamZainel, Suhelmawloodalnajjar*
81. Evaluation of the Level of CXCL10 in Patients with Parainfluenza Virus Type III (HPIV3)..... 413  
*Noor Hameed Alkharsan, Siham Jasim Al-kaabi*
82. Association between the Characteristics of Pre-Surgery Vascular Ultrasonography and the Successful Arterio-Venous Fistula Shunt Surgery as Hemodialysis Access to Patients with Kidney Disease Stage V. 420  
*Nurwanto, Prijambodo, Tri Wulan handarini, Windhu Purnomo*
83. Prevalence of Childhood Disability in Basrah City Using the Ten Questions Too ..... 426  
*Hajer Salim AlMosawi, Sajjad S. Issa, Mohamad A. Akber*
84. Expression of e-NOS in Human Placentas of Idiopathic Intra Uterine Growth Restriction at Term..... 431  
*Mohammed E. Ghanem, Samia A. Eleiwe*
85. Characteristics of Multidrug Resistant Tuberculosis in Minia, Egypt ..... 437  
*Shimaa Anwer Emam, Eman Mahfouz Kasem, Amany Edward Sedhom*
86. Prevalence of Uncorrected Refractive Errors Among the Internally Displaced Schoolchildren in Iraq..... 444  
*Rafea Allawi Fayyadh, Noor Hussain Abady*
87. The Influence of Additional Food Hotong Porridge with Moringa Leaves Mixture on Improvement Nutritional Status of Children Nutritional Children ..... 450  
*Rahma Tunny, Merryana Adriani, Bambang Wirjatmadi*
88. The Stiffness Comparison of Four-Screw versus Six-Screw Short Segment Pedicle Posterior Stabilization Instrumentation in Cyclic Axial Compression ..... 456
89. Correlation of Aggressivity Papilloma Recurrent Respiratory Tract With Human Papillomavirus Types 6 And 11..... 462  
*Rizka Fathoni Perdana, Sri Herawati, Bakti Surarso, E Bimo Aksono H*

90. Investigation of IL-17F (rs763780) gene Polymorphisms in cases with Iraqi renal failure patients ..... 468  
*Saja Mohammed Mohsen, Abbas Abood Farhan, Mohammed Abdul-Daim Saleh*
91. A Descriptive Study to Assess the Problem Faced by the Adolescents of Alcoholic Parent ..... 474  
*Saranbharati.B, Ramya.V, Rajalakshmi, Devaki. K*
92. Demographic, Clinical and Hormonal Characteristics as Predicting Factors Affecting the Outcome of Laparoscopic Ovarian Drilling in Women with Poly Cystic Ovary Syndrome ..... 477  
*Shelan Omar Jaafar, Ghada Saadulla Alsakkal, Namir Ghanim Al-Tawil*
- References*
93. Stress Perception and Stress Response against Internet Psychological Addiction (IPA) on Adolescents (Psychoneuroimmunology Approach)..... 485  
*Siti Nurul Fajriah, Suhartono Taat Putra, Yusti Probowati, Rika Subarniati T.*
94. The Prevalence of Sperm Parameters for Infertile Males in Thi-Qar City..... 491  
*Sumeya Ghanawy AL-Najjar*
95. Awareness of Medico-Legal Issues among Medical College Health Professionals..... 496  
*Tabitha Elizabeth Thomas, Magendran.J*
96. The Law and Tourism: The Policy of Health Service for Tourists in Lombok Island..... 501  
*Usman Munir, Khudzaiyah Dimiyati, Absori Absori, Harun Harun, Wafda Vivid Izziyana, Heru Santoso Wahito Nugroho*
97. Effect of Antenatal Exercise Teaching Program on Neonatal Outcomes During Delivery in Erbil, Iraq..... 506  
*Warda Hassan Abdullah, Badia Mohammed Najib*
98. Study of Dyslipidemia in Iraqi Hypertension Patients in Tikrit City ..... 512  
*Zaidan Jayed Zaidan, Ahmed Moyed Hussein, Sheet Mutlak Ahmed*
99. Isolating Some Pathogenic Bacteria from Packed Milk and Detecting of Formalin in its Components..... 518  
*Zainab Alag Hassan, Ali Aboud Shareef, Majid Ahmed Kadhim, Abdulameer Abdullah Al-Mussawi*
100. Screening Study for Some Strains of E. Coli Collected from Five regions in Kurdistan-Iraq for its Sensitivity, Resistance and MDR against Thirteen Antibiotics ..... 522  
*Asma Sumiea Afram Karomi*
101. The Role of Silver (Ag) Nanoparticles synthesis by *Penicillium spp* against the Toxicity of *Echinococcus Granulosus* in Adult Albino Male Rats ..... 528  
*Ahmed Hamad Saleh Hussein A.R. Abbood*
102. Characteristics of Lower Back Pain in Pregnant Ladies in Thiqar-Iraq..... 534  
*Ihsan Oudah Yasir, Suaad Rodan Shoelef*
103. Thyroid Dysfunction in Iraqi Patients with Acromegaly ..... 537  
*Selman Nihad A, Rahma Abbas M, Ali Atheer Y*
104. Simulation of poly (ADP-ribose) polymerase (PARP) Enzyme with BAI compound in the for Thyroid cells..... 545  
*Hasan Tuhmaz Hamd*

## VIII

105. Advantage of Application of Topical Hyaluronic Acid in Reducing Post Tonsillectomy Pain; Cross Sectional Comparative Study ..... 551  
*Ahmed Kareem Shiaan Al-Baidhani, Muthanna Saleem Abdulameer*
106. Atherogenic Index of Plasma among Type2 Diabetic Patients Cross-Sectional Study In Iraq..... 556  
*Dalal Abd Al-Sattar Asaad, Ali Shalash Sultan, Zaid Najji Hassan*
107. The relation between Serum Vitamin C and D, Calcium Intake With Obese Type 2 Diabetic Patients..... 561  
*Yasamin Abdul - amer Kadhum; Shaimaa D. Salman, Sabah Abdel- Hameid Abdel- Rahman, Najat Sabah A. Hameid*
108. Assessment of Anti-Mullerian Hormone and Anti Ovarian Antibody in the Sera of Patients with Polycystic Ovarian Syndrome in AL-Najaf Al-Ashraf Province ..... 566  
*Abbas Sahib Fakhar Al-Naffakh, Farhan Abood Risan*
109. Cervical Spinal Stenosis and Risk of Pulmonary Dysfunction: Case Control Study ..... 575  
*Post graduate Student Esraa Hammadi Fahad, Zainab H. Hashim, Ihssan S. Nema*
110. Molecular Study of spy1258 gene in Streptococcus Pyogenes Isolated from Pharyngitis Patients in Fallujah City ..... 581  
*Nada Zaidan Khalaf, Laith Moslih Najeeb, Asraa Adnan Abdul-Jalil*
111. Design in line LMA-10 Photonic Crystal Fiber MZI for Detection and investigation of Beta Thalassemia 587  
*Layla M. Alameri, Tahreer S. Mansour, Fareed F. Rashid, Sara J. Belal*
112. The effect of oral magnesium supplements on lipid profile and oxidative stress in adult albino female rats ..... 592  
*Khder Najem Abdulla Muneef S. Ahmed, Saleh Mohammed R*
113. Evaluation of Amateur and Professional Tattoo Removal by the Q Switched Nd:YAG Laser..... 596  
*Nibras A. A. Hindy*
114. Serum Levels of Novel Biochemical Marker (Irisin) in Relation to the Duration of Type 2 Diabetes & in Cases of Type 2 diabetes with Coronary Artery Disease in Iraqi Patients Aged (40- 60 year)..... 602  
*Dunia Tahseen Nema Al-Aridhi, Khalid I.H. Allehibi, Zainab A. Razak Al-Sharifi, Muthanna Al Quraishi*
115. Study the Effect of Temperature Variable on the Patient with Jaundice Stay Period inside the Incubator . 609  
*Husam Yahya Naser, Auns Q. Al-Neami, Yasser Ibrahim*
116. The Role of Global Longitudinal Strain in Early Detection of Doxorubicin Induced Cardiotoxicity in Breast Cancer Patients ..... 614  
*Wisam Abbas Hasan, Shokry faaz Al-saad, Hassan Salim Aljumaily*
117. Personal Hygiene and Safety among governmental Hospitals Nurses Staff in Mosul City..... 620  
*Rami Ramadan Allo, Tameem Thamir Mayouf, Munther Natheer AL-Fattah*
118. Molecular Detection for Nosocomial *Pseudomonas aeruginosa* and its Relationship with multidrug Resistance, Isolated from Hospitals Environment..... 627  
*Wathiq Abbas Hatite Al-Daraghi, Mohammed Sattar Abdulkadhim Al-Badrwi*
119. Knowledge Assessment of Working Women Regarding Breast Cancer / Control and Prevention in Kirkuk Technical Institute ..... 633

120. Colorectal Cancer in Nineveh: Five Years Survival Rate .....	640
<i>Moayad Aziz Alabdaly</i>	
121. The Effect of Esomeprazole on Cell Line Human Cervical Cancer.....	646
<i>Azal H. Jumaa, Ahmed Sami Jarad, Wissam Sajid Hashim Al Uboody</i>	
122. Evaluation of Salusin $\beta$ in Patients with Prediabetes and Type 2 Diabetes Mellitus .....	653
<i>Sabah Hussein dayekh, Mohammed Imran Hamzah, Jelal Abid Ateaai</i>	
123. Vitamin D and its Association with the Severity and / or the Control of Asthma among Adult Iraqi Asthmatics .....	657
<i>Haider Abdulhameed Alqaraghuli, Hashim Mahdi Hashim,</i>	
124. Determination <i>Enterococcus faecalis</i> in Asymptomatic Urinary Tract Infection Associated with Diabetes Type 2 Patients in Suwayrah General Hospital-Iraq .....	663
<i>Ibtisam H. Al-Azawi, Mohammed H. Abbas</i>	
125. Oral Desmopressin as an Add-on Therapy for Men with Benign Prostate Hyperplasia they Suffering from Persistent Nocturia.....	669
<i>Firas Alquraishi Saif H. Mohammed, Yasser Al-Hakeem</i>	
126. The Practicing and Attitude of Some Medical Students at Al-Nahrain College of Medicine Towards Cosmetic Rhinoplasty .....	674
<i>Nibras Alaa Hussain Qais Ismaeel Kadhem, Ashraf MA Hussain</i>	
127. The Level of Serum Progesterone on the day of HCG Administration in Assisted Reproduction Cycles ..	679
<i>Adnan A.H. Albdairi, Hanan Khudheir Hussein</i>	
128. Protective Role of Quercetin plus Vitamin C on Infection of Rats with <i>Klebsiella pneumoniae</i> and <i>Pseudomonas aeruginosa</i> .....	685
<i>Shaimaa Khazaal Waad, Wurood M. Al-Silaykhee, Hekmet B. Alhmadi, Aiad Gaber Areean</i>	
129. Study The Role of Selenium in The P-Selectin and E-Cadherin Serum Levels in Women with Preeclampsia.....	690
<i>Aysel A. Ahmed, Raid J. Al-Timimi, Enas Adnan Abdulrasol</i>	
130. Histological Sections of Pancreas and Serum Biochemical Changes in Rats after <i>Dexamethasone</i> and Zinc Oxide Nanoparticles Injection.....	696
<i>Ruaa M. Ali, Nada K. Abbas, Amal K. Abbas, Lamia K. Abbas</i>	
131. Study the Role of Trichomoniasis in <b>In Vitro Fertilization</b> (IVF) Failure.....	702
<i>Huda Dhafer Al-Marsomy, Faten Ahmed Hassan</i>	
132. <b>Unexpected Adverse Medical &amp; Surgical Health Conditions in Neonates after Elective Cesarean Sections within the Context of the Influence of Local Socidemographic Factors in Babylon .....</b>	<b>708</b>
<b><i>Sijal Fadhil Farhood Al-Joborae, Ihab Raad Abbas Abid Ali; Fadhil Farhood Mekki Al-Joborae</i></b>	
133. <b>Isolation of MRSA from Drinking water Supplies in Al-Anbar Province, Iraq.....</b>	<b>715</b>
<b><i>Shirin Yasin Bdewi, Mohammad Hamid Kareem, Mohammed Mosleh Shwaish, Mustafa Salah Hasan</i></b>	
134. The Predictive Value of Red Cell Distribution (RDW) in Patients with Type 1 and Type 2 Diabetes Mellitus .....	719
<i>Huda Jabbar Dibby, Radhi Farhod Shlash</i>	

## X

135. Histopathological Changes Associated with Cutaneous Leishmaniasis in Patients with Baghdad Boil/ South of Iraq ..... 724  
*Amal Khudair Khalaf*
136. Serum Anti-Mullerian Hormone Concentration and Function of The Pituitary-Gonadal Axis in Iraqi Patients with Chronic Kidney Disease ..... 729  
*Athraa K. Falhi, Noori M. Luaibi, Ali J. Alsaedi*
137. Infection Control Measures for Nurses Staff Concerning with Hepatitis B and C at Hemodialysis Unit in Hilla Hospitals..... 735  
*Ahmed Mohammed Jasim Shlash , Nada KhazalKadhim Hindi , Mohammed Malih Radhi , Baqer Abdulameer Abod Alshemari , Duaa Salman Abd Ali Albaghdadi , Hanan Hassan ZoghairAlmohamadawi, Hajar Sahib Mahdi Mohammed*
138. Gingival and Salivary Changes in Correlation with Multiple Sclerosis..... 741  
*Esra Hassan Abd Ali, Suzan M. Abdul Raheem*
139. Impact of Caring Child with Diabetes Mellitus Type1 upon Mothers at Specialized Center for Endocrinology and Diabetes in Baghdad City ..... 748  
*Khamees Bandar Obaid*
140. Measures Self-Esteem among Undergraduate Nursing Students..... 756  
*Safi Alzeyadi, Saja H. Mohammed*
141. Patterns of Haemoglobinopathies Diagnosed by High Performance Liquid Chromatography in Karbala Population and Correlations between Different Hematological Parameters ..... 761  
*Enass Abdul Kareem Al-Saadi, Duha Maithem Hassan, Wafaa Redha Al-Sabbagh*
142. Risk Factors of Acute Otitis Media among Infants Children in Kerbala Pediatric Teaching Hospital: A Case-Control Study ..... 768  
*Hassan Abdullah Athbi , Haider Nawaf Abed-Ali*
143. The impact of L-carnitine Supplement on Semen Variables and the Levels of Sexual Hormones (Serum LH, FSH, Testosterone, and Inhibin) in Males with Infertility ..... 774  
*Azzawi M.Hadi, Yassir Ismael Abbass, Mazin Anwar Yadgar*
144. Assessment of the Understanding of Medical Ethics Subject among Anbar Medical Group Students ..... 779  
*Waleed AT Al-Ani, Ahmed K. Al-Delaimy*
145. Isolation and Identification of Facultative Anaerobic Bacteria from Feces of Pet Dogs ..... 785  
*SMA AL-Kubaisi, Omar-Althani Shareef Saed, Jassim Mohamed Suleiman, Mustafa Salah Hasan, Maher Saber Owain, Ahmed Sami Jarad*
146. Molecular characterization of Eae and Stx<sub>2</sub> genes for *E. coli* O157:H7 isolates from Calves..... 790  
*Jassim Mohamed Suleiman , Omar-Althani Shareef Saed, SMA AL-Kubaisi, Mustafa Salah Hasan , Maher Saber Owain , Mohammed Ali Hussein , Ahmed Sami Jarad*
147. Estimation of Serum Cystatin-C as early marker of Kidney Dysfunction in correlation with Serum Ferritin among  $\beta$ - Thalassemia Major Patients..... 794  
*Mohammed Abdulrazzaq*

148. Comparative Assessment of Patients' Satisfaction in Secondary and Tertiary Outpatients of Marjan Medical City in Babil Across Sectional Study .....	800
<i>Qais Ismaeel Kadhem, Ameer Kadhim Al-Humairi, Ashraf MA Hussain,</i>	
149. High Levels of Tumor Necrosis Factor-Alpha and Interferon-Gamma in Patients with Gingival Recession.....	806
<i>Sura Dakhil Jassim , Luma Jassim Witwit, Fatima Malik Abood</i>	
150. Efficiency of Aspergillus Species to Produce the Lipase Enzyme from Various Types of Oil Seeds .....	811
<i>Thakra Ahmed Hamada<sup>0</sup>, Raghad Saad Abdulkreem<sup>0</sup>, Hadeel Mizher Younus<sup>0</sup></i>	
151. Seroepidemiology of <i>Toxoplasma gondii</i> Infection in Drivers Involved in Road Traffic Accidents in Baghdad City .....	816
<i>Dunya N. Ahmed, Salwa. S. Mushin, Mamdooh AR.Mohsin</i>	
152. Therapeutic Evaluation of the Partial Movement of the Center of the Nerve Bundle .....	822
<i>Imad Kadem Yasser, Ahmed Atshan abdalreda, Abbas mohsin Oleiwi</i>	
153. Investigating the Level Of Vitamin E, C and Superoxide Dismutase in Patients with Allergic Asthma and Allergic Asthma with Helminths Infection.....	826
<i>Narjis Abdul Rahman Oudah, Ahmed A. Mohammed, Kareem S. Chead Al-Teea</i>	
154. The Role of Cytomegalovirus (CMV) and Vitamin D in Multiple Sclerosis (MS) .....	833
<i>Juman Khaleel Al-Sabbagh</i>	
155. Potential Factors Associated with Epilepsy among Epileptic Patients Attending Middle Euphrates Neurosciences Center - Al-Najaf City.....	839
<i>Sahar Adham Ali , Hayder Ibrahim Ali , Hasan Alwan Baiee</i>	
156. Acute Infective Bloody Diarrhea in Children Below Five Years Admitted to Children Welfare Hospital in Medical City - Baghdad During 2015.....	843
<i>Maral F. Thabit, Radhwan R Hussian</i>	
157. Comparison between Hypertensive and Non-Hypertensive Individuals in the Value of Response to Salt Administration.....	849
<i>K.A Al-hilali, Layth Ibrahim AL-Shibbani, Ali Ayad Jabbar</i>	
158. Effect of Lactic Threshold Exercises using us Ginseng in the Development of Some Functional Variables of the Lungs and Lactic Tolerance and the Performance of Complex Offensive Skills in Basketball Youth .....	853
<i>Rasha Abdul Ameer Jawad, Rana Fadhil , Hussein Menati Saget , Jaafer Ahmed Mahdi</i>	
159. Preoperative Anxiety and Fears among Adult Surgical Patients in Baghdad Teaching Hospital, Iraq.....	860
<i>Kawther Salman Dawood</i>	
160. The Prevalence of Parasitic Infection in Domestic Chicken: A Review.....	866
<i>Yassir Dakheel Kremsh Alasadiy, Arshad Najj Alhasnawi, Farhan AlaAllah Eabaid</i>	
161. Nutritional Status of Primary School Children in Babylon Governorate.....	1026
<i>Ali Jaleel Asser , Hussein Jaseem Mohammed</i>	

## XII

162. Prevalence Rate of Depression among Ischemic Heart Diseases Patients in Al-Diwaneya Province / Iraq1033  
*Abdul Zahra Mohammed Alkafaji , Assel Hamid Risun*
163. Deposition of Ta2O5 Film on Commercial Pure Titanium Disk by Modified Reactive Plasma Sputtering Technique..... 1039  
*Hassan Jawad Farhan, Raghdaa Kareem Jassim, L.Thair*
164. Evaluation of the Effect of Endoscopic Sinus Surgery with Medialization of Middle Turbinate..... 1045  
*Ahmed Adhab Mayan Alzubiadi, Laith ali Altimimi, Farah Salih Alaamiri*
165. Determination Knowledge of Nurses' Concerning Measurement of Blood Pressure in Emergency Department at Al –Hussein Teaching Hospital in Al-Nasiriya City ..... 1051  
*Amer Muhasin Naser, Qassim Jawell Odah Abed*
166. Thermal Effects of Laser Assisted Endodontic Treatment on The External Root Surface of Deciduous Teeth (in *vitro* study) ..... 1056  
*Husam Turki Abbas, Hasanain Ibrahim Khaleel, Inam Oleiwi Murad, Ali Imad Al-Khassaki, Ammar Saleh Alalawi*
167. Effect of Some Alcoholic Extracts in Reducing the Fat Content of the Liver Tissue in Rat..... 1061  
*Mohammed Hayder Hamad, Nahla Al-Bakri, Abdul- Razak Labi, Duha Adnan Mahmood*
168. Knowledge, Attitude and Practice of Mothers to Neonatal Jaundice..... 1068  
*Aalan Hadi Al-Zamili, Zainab Allawi Saadoon*
169. Measurements of Horizontal condylar inclination by using Cadiax compactII in patients with TMJ clicking before and after different treatments modalities ..... 1074  
*Hayder Mahdi Idan, Fawaz D. Al-Aswad*
170. DCGAN for Handling Imbalanced Malaria Dataset based on Over-Sampling Technique and using CNN1082  
*Liqaa M.Shooohi, Jamila H.Saud*
171. Seroprevalence of Toxoplasmosis Gondii Infection among Pregnant Women in Karbala Governorate 2014-2017 ..... 1089  
*Radha. M. Lefta, Enaas K. AL-Khalide, Murtadha Kanim A.AL-Jebory*
172. Fasting Versus Non-Fasting in Assessing Lipid Profile and Complete Blood Picture ..... 1094  
*Wasan A.Wahab Alsiadi, Abed Sultan Hassan, Malak A. Al-yawer*
173. Zinc Deficiency is Associated with Meprin a in Iraqi Patients with Crohn's Disease..... 1100  
*Fatima A.Mohammad, Fatin Fadhel Alkazazz, Sura A.Abdlusattar*
174. Knowledge Attitudes and Barriers of Undergraduate Medical Students Towards Research in University of Babylon ..... 1106  
*Nadia Hussein Sahib, Hasan Alwan Baiee, Hadi Mohammad Ali Al mosawi, Zaid Amjed Al-husseini*
175. Macrophage Migration Inhibitory Factor (MIF) Gene Polymorphism of Urothelial Carcinoma Patients in Iraq..... 1113  
*Ishraq Abdul Ameer Salih*
176. Study Impact of Hyperuricemia on the Occurrence of Atrial Fibrillation in Patients Admitted to CCU in Al-Diwaniyah Teaching Hospital..... 1117  
*Mazin Zamel Al-Shibani, Hend Saddam Asmaaeel*

177. Quality of Life of Parents Having Cancer and Non-cancer Children: A Comparative Study..... 1122  
*Awaiy Ghazy Abdulkareem, Zhian Salah Ramzi, Jamal Ahmad Rashid*
178. Sleep habits and Physiological Penal Gland Calcification (A Magnified Topographical Evolution Study)1127  
*Sattar R. AL-Esawi, Ashwan Abdulzahra Hashim, Zhraa Ayad Jabber, Riyadh W. AL-Esawi*
179. Investigation of Microbial and Mineral Contamination of Imported Meat..... 1134  
*Haider Mashkoor Hussein*
180. The Distribution of Hepatitis C Virus Genotypes, Viral Load and Antibody Titer among Iraqi Chronic Hepatitis Patients ..... 1139  
*Abdel Wahab A. R. Alshaikhly, Zaidoon A. Musa, Ban J. Qasim, Haider F. Ghazi, Wisam J. Mohammed*
181. In Vitro Cytotoxicity of Total Alkaloid Extract from *Peganum Harmala* L. Seeds..... 1146  
*Hala M. N. Al- Saily, PRabab Omran*
182. Psychological Factor Affecting on Performance Thinking among the Pupils: Mentally or Spiritually Concerned with the Aspects in Students' Acquisition ..... 1151  
*Huda Salem Abdul Hussein, Khaled Rahi Hadi, Saad Hassan Alawi*
183. Determination of the Critical Care Nurses Knowledge Toward Enteral Tube Feeding in AL-Hilla Teaching Hospitals (Interventional study) ..... 1156  
*Kathreen Mohammed Aziz, Sahar Adham Ali*
184. Comparison between hypertensive and non-hypertensive individuals in the value of response to salt administration ..... 1161  
*K.A Al-hilali, Layth Ibrahim AL-Shibbani, Ali Ayad Jabbar*
185. Molecular Detection of Pathogenic *Entamoeba histolytica* based on Amoebapore C Gene in Fecal Samples of Camels from Babylon Province, Iraq ..... 1166  
*Qassim Jawad Ameer, Nawras Abdul Bari Madlo'*
186. The Role of Hyperglycemia and Coexisting Hypertension in The Development of Diabetic Nephropathy in Type II Diabetes Mellitus ..... 1169  
*Prof.Dr. Kadhim Abbas Al-Hilali , Mosa Jaafar Mosa , Ahmed Ali Hussein*
187. Risk Factors for Congenital Anomalies in Neonatal Intensive Care Unit in Baghdad City..... 1176  
*Khatam M. Al-Musawi, Adraa H. Shawq, Zainab Majeed, Shahad Zaid, Huda Ibraheem*
188. Genetic Polymorphisms of Catalase Enzyme with Hypertension Patients in Babylon Governorate..... 1183  
*Hussam Abbas Dawood , Farah A. Al-marzook , Rabab Omran*
189. Comparison Study of Major Thalassemia, Thalassemia Intermedia of Iraqi Patients and Control Groups for Effectiveness of Liver Enzymes..... 1189  
*Shatha H. Jwaid, Abbas Mehsen Gata*
190. Prevalence of stress and coping behaviors among medical students at University of AL-Qadisiyah..... 1193  
*Mohammed AL-Zobaidy, Adyan Mostafa, Zahraa Hussien, Mariem Humed Redah, Tagreed Adnan, Haneen Mohammed*
191. Assessment of Self-Esteem among Patients with Major Depressive Disorder in Sulaimani City ..... 1199  
*Taha Ahmad Faraj, Salwa Shakir Muhsin*



#### XIV

192. Evaluation of an Education Program for Elementary School Teachers Regarding Post-Traumatic Stress Disorder among Pupils in Mosul City..... 1206  
*Nawaf Mohammed Dhahir, Saja Hashem Mohammed*
193. Histological Changes in Liver Tissue Resulting from Hydatid Cyst Infection: Comparison between Sheep and Cattle in Iraq..... 1213  
*Intidhar Mohammed Mnati, Baydaa Hussain Mutlak, Noora Dhyaaldain Abed*
194. The Effect of Special Exercises by Using Training Methods to Assist in the Development of Some Motor Abilities and Handstand Skill of Still Rings for Young People ..... 1219  
*Anmar Atshan Khargan, Sadeq Yousif Muhammad, Hekmat Abdul Sattar Alwan*
195. Psychological Analysis of Jenang Kutei Judges in Delivering a Verdict of Matai Bilai and **Cuci Kampong** (Purification Ritual) in **Rejang Lebong** Regency, Bengkulu Province, Indonesia ..... 1225  
*Emma Ellyani , Khudzaiyah Dimiyati, Absori Absori , Kelik Wardiono, Arief Budiono*
196. Mechanism of Family-coping in Treating Patient with Schizophrenia Viewed from Factors that Affected it at Public Health Center of Balowerti, Kediri ..... 1230  
*Byba Melda Suhita, Prima Dewi Kusumawati, Heri Saputro, Ahmad Yusuf*
197. Effectiveness of Stress-Adaptation and Cognitive Behavior (SACB) Model for Independent Health Recovery for Clients with Coronary Heart Disease in the Community ..... 1236  
*Heni Nurhaeni, Ratna Aryani, Suryati B., Ani Nuraeni*
198. The Influence of Massage Therapy on Children Body Temperature which Fever..... 1243  
*Lia Herliana, Ai Cahyati*
199. Celiac Disease in Children with Short Stature (Incidence and Morphometric Study)..... 1249  
*Mohammed Abdul-Aziz. Hayawi*
200. Association of Periventricular Edema Thickness and Optical Perineal Thickness in Hydrocephalus Non Communications by Magnetic Resonance Imaging Examination..... 1256  
*Noor Anita Humaira, Sri Andreani Utomo, Hari Basuki*
201. Outcome of Open Intraoperative Dual Mesh Versus on-Lay Mesh for Incisional Hernia Repair ..... 1261  
*Jassim Mohammed Auib Al Taha*
202. Teachers' Knowledge Regarding Attention-Deficit Hyperactivity Disorder between Pupils at Elementary Schools in Mosul City..... 1267  
*Mohammed Ahmed Sultan Al-Wily, Luay Amjed Mahmood Al-Waly, Radhwan Hussein Ibrahim*
203. Prevalence of Childhood Disability in Basrah City Using the Ten Questions Too ..... 1273  
*Hajer Salim AlMosawi, Sajjad S. Issa, Mohamad A. Akber*
204. Antibacterial Properties of New Cement Based Capping Material Prepared from Egg Shell and Biopolymer (Chitosan) ..... 1278  
*Hemn M. Sarmamy, Dara H. Saeed*
205. Bow tie Model of Palliative Care as an Early Approach to Providing care for Patients with Heart Failure..... 1285  
*Hossein Jafarizadeh, Yaser Moradi, Alireza Rahmani, Amir Mohammad Amini*
206. Community Acquired Pneumonia; Chest X-Ray Findings in Three Different Times ..... 1289  
*Kosar Mohamed Ali*

207. Flexible Ureterorenoscopy Versus Extracorporeal Shock Wave Lithotripsy for Treatment of Lower Pole Renal Stones ..... 1296  
*Mohammed B. Ismail, Hasanain F. Hasan Als-Timimi, Hayder H. Alwan*
208. Expression of e-NOS in human placentas of idiopathic Intra Uterine Growth Restriction at term ..... 1302  
*Mohammed E. Ghanem, Samia A. Eleiwe*
209. Demographic, Clinical and Hormonal Characteristics as Predicting Factors Affecting the Outcome of Laparoscopic Ovarian Drilling in Women with Poly Cystic Ovary Syndrome ..... 1308  
*Shelan Omar Jaafar, Ghada Saadulla Alsakkal, Namir Ghanim Al-Tawil*
210. Characteristics of Multidrug Resistant Tuberculosis in Minia, Egypt ..... 1316  
*Shimaa Anwer Emam, Eman Mahfouz Kasem, **Amany Edward Sedhom***
211. Variation of Alkalinephosphatase and Transaminases Levels in Different Trimesters of Pregnancy Iraqi Women ..... 1323  
*Tariq Hafdhi Al-khayat and Rawaa Muayad Al-Quzweny*
212. Based Assistance Continuum of Care Can Increase Family Independence in Overcoming Health Problems Pregnant-Women ..... 1329  
*Rita Yulifah*
213. Overweight and Obesity Associated Factors among High School Students: A Cross Sectional Study in Erbil ..... 1336  
*Sarhang Qadir Ibrahim, Tariq S. Al- Hadithi, Kameran Hassan Ismail*
214. The Influence of Disaster Counseling with Animation Video on Preparednes Students in Elementary School in Palu ..... 1342  
*Imtihanah Amri, Ansariadi, Ridwan Amiruddin, Sukri Palutturi, Anwar Mallongi, Rosmala Nur, Nur Endang Sari*
215. The Influence of Breathing Ball Technique on Length of Labor in Phase I Active in Independent Practice, Midwifery Sriwati..... 1347  
*Muliani, Hastuti Usman, Aspia Lamana, Abd Farid Lewa, Andi Ritna Marumu, Nasrul, Anwar Mallongi*
216. Cardiac Emergency Prevention Through Personal and Environmental Factors ..... 1352  
*Bambang Guruh Irianto, Loetfia Dwi Rahariyani*
217. Investigation of *cpa*. and *zpx*. Genes in *Cronobacter sakazakii* Isolation from Clinical Specimens in Thi-Qar Province and ..... 1358  
*Karrar Khalaf Al-aawadi, Qasim Hassan Weda'a*
218. Comparison of Hemorrhoidectomy by Ligasure with Conventional Milligan Morgan's Hemorrhoidectomy ..... 1364  
*Raisan Mahdi Shoramah Aljabery*
219. Women's Reactions and Health Disorders Caused by Abuse During the Pregnancy-Postpartum Period.. 1369  
*Rosmala Nur, Siti Ika Fitriyah, Anwar Mallongi*
220. The Culture and Age of First Marriage on Female Teenagers in West Marawola..... 1375  
*Rosmala Nur, Muh. Asep Dwitama, Muh. Fadly Nurhaya S Patui, Sitti Radhiah, Elvaria Mantao, Anwar Mallongi*

## XVI

221. Mother's Behavior in Pregnancy-Puerperal Treatments and Reproductive Health Disorders..... 1381  
*Rosmala-Nur, Sulaeman Mamar, Indah Puspasari Kiay Demak, Elli Yane B, Radiah, Muh.Rusydi, H , Erina Thursina R,*
222. The Influence of Wedge Sea Hare (*Dolabellaauricularia*) Extract and Papaya Juice on Hemoglobin (Hb) and Ferritin Levels of Mice Strain (Balb / C) with Anemia ..... 1387  
*Sultan Akbar Toruntju, La Banudi, Purnomo Leksono, Mochammad Rahmat, Wa Ode Salma*
223. The Relation between Psychological Empowerment and Job Satisfaction among Nurses ..... 1393  
*Rifaie Yaseen Hameed Al-Hussein*
224. Estimation the Level of Follicular Fluid Follistatin in Women Undergoing Intracytoplasmic Sperm Injection ..... 1400  
*Baydaa Lateef Hameed, Mutaz Sabah Ahmeid , NihadKhalawe Tektook, Hashim Abdulsattar Jabar*
225. Serum  $\alpha$ -Klotho Level in the Patients Subjected to Hemodialysis in Association with Lipid Profile ..... 1406  
*Hibah Hasan Ibrahim, Mutaz Sabah Ahmeid, NihadKhalawe Tektook, Hashim Abdulsattar Jabar*
226. Molecular detection of some antibiotic resistant genes of bacteria isolated from bloodstream infections of hemodialysis patients ..... 1413  
*Najlaa Bakr Shaker 1, Khalid Omar Mohammed Ali2*
227. Assessment of Butchers Attitudes and Practices Toward Food Safety in Thi-Qar governorate in Iraq ..... 1419  
*Sameeha Naser Abed, Zahraa Zuhir*
228. Nutritional Status for Patients with Hypertension in Hemodialysis Units at Baghdad Teaching Hospital. 1426  
*Shaymaa M. Hussein*
229. Relation of Epstein Barr virus with Interleukin-6 Level among Women with Breast Cancer in Ramadi City ..... 1433  
*Arkan AbdullahAbbas, Israa Hashim Saadon*
230. Assessment of Nutritional Status of Under Five Years Children in Relation to Their Birth Space in Shirqat City ..... 1439  
*Enas AbdulahYaseen, Nahid Ahmed Hassan*
231. Detection of blaCTX-M gene in *Klebsiella* sp. Causing UTIs in Al-Yarmouk Teaching Hospital ..... 1444  
*Marwan Majeed Ibrahim, Ammar Hameed Howaidy, Omar Mahmood Shakir*
232. Alterations in Antioxidants and Trace Element with Interleukin 6 Level in  $\beta$  Thalassemia Major Patients..... 1450  
*Janan I. Mohammed, Shihab A. Al-Bajari, MotazA.AL.Akashe, Alaa N. Totanje*
233. Overweight BMI with and without Regular Exercise in Secondary School Students in Tikrit City ..... 1456  
*Athraa Essa Ahmed, Shaimaa Essa Ahmed*
234. Genotyping diversity of *Echerichia coli* isolated from UTI in Iraqi patients..... 1461  
*Tabarek Saeb Sabri, Amal A.Kareem*
235. Evaluation of the use of HbA1c in the Diagnosis of Impaired Fasting Glucose..... 1468  
*Raid D. Hashim; Israa Nathir ; Shayma Salman Ali*

236. Evaluation the Serum Level of Melatonin in Iraqi Patients with Polycystic Ovarian Syndrome ..... 1474  
*Ahmed Abduljabbar Hameed, Mutaz Sabah Ahmeid*
237. Relation of Some Heavy Metals with Male Infertility ..... 1480  
*Hussein M. Ali, Qater, Al-Nada A. Kanaem, Mohammad Oda Selman*
238. Immunological role of TLR-7 , IL-17A and IL-10 In a Sample of Iraqi Chronic Renal Failure Patients .. 1486  
*Asaal Abdul-Ghani Shyeea, Mohammed Abdul-Daim Saleh; Nihad Khalawe Tektook*
239. Protective Immunity against Virulence Uropathogenic Escherichia Coli in Mice..... 1492  
*Hussam Sami Awayid, Saif Ali Mohammed, Adnan Kamel Shebeeb*
240. Serological and Immunological Determination of Auto-Antibodies Against Myositis-Associated Antigens in Systemic Lupus Erythematosus Patients Using A Novel Immunoblot Assay ..... 1499  
*Alaa Younis Mahdy Al-Hamadany; Manal Dheyaa Mohammed ; Hussein Abid Sharqi AL-luhaibi , Zainab Adnan Hassan Hadeed*
241. The Effects of HIV/AIDS Education on Knowledge, Attitude, and Satisfaction for AIDS Prevention Self Massage on College Students in Korea..... 1506  
*Ji Min Lee, Sung Jung Hong, Eun Hee Kim*
242. The Study on the Empathy of Nurses and the Quality of Nursing Provided to Hospitalized Children Perceived by Nursing Students..... 1512  
*Bo-Yun Huh, Jae-Woo Oh, Mi-Ran Kim*
243. Relationship between Attitudes to Child Nursing College Students Perceived Punishment, Child Abuse Awareness and Knowledge ..... 1518  
*So-Ja Jeon, Jae-Woo Oh*
244. Reorganization of Learning Objectives Using Ontology Technique ..... 1524  
*Myung Mi Shin, Su-Jin Han, Hye-Sook Choi*
245. Study on the Relationship Trend between Chronic Diseases and Oral Health according to Diabetes Treatment: Focusing on the Local Health Survey for 2015, 2016 and 2017..... 1530  
*Hye-jeong Hwang, Kwon-Seob So, Kisang Kwon, Kyung-hee Kang*
246. The Effects of Dialectical Behavior Therapy(DBT) Skill Training on Depression and Alcohol Abstinence Self-efficacy of Patients with Alcohol Use Disorder..... 1537  
*Jung-hee Park, Se-jin Ju, Gyun-Young Kang*
247. The Effect of Parenting Attitudes and Major Satisfaction on Career Decision Making Self-Efficacy in undergraduate Students..... 1544  
*Kyung Sook Kim*
248. Changes in Chemical Structure of Iopamidol Contrast Agents According to Radiation and Environmental Conditions..... 1551  
*Beom-Hee Han, Cheong-Hwan Lim, Seung-Hun Jeong*
249. Factors affecting the post-anesthetic recovery score and length of stay in the recovery room in elderly patients with hypertension ..... 1556  
*Sunmi Kim, Myoungjin Kwon*

## XVIII

250. Influencing Factors on Happiness of Nurses in General Hospitals ..... 1563  
*Sung-Yun Ahn, Myoung-Jin Kwon*
251. Cancer Screening Findings in Korean People with Disabilities: 2016-2017 ..... 1569  
*Soo-Kyung Bok, Youngshin Song, Ga-Won Seo, Yeon-Yong, Kim, Seongjun Ha*
252. National Health Screening Program Non-Participation Rates Among Koreans with Brain Injury-  
Based Disabilities: 2016–2017 ..... 1573  
*Youngshin Song, Miyoung Lee, Soo-Kyung Bok, Ancho-Lim, Yeon-Yong Kim, Seongjun Ha*
253. Comparison of Ventilation Volume and Airway Pressure of an Advanced Airways in Virtual Reality  
Ambulance Simulation ..... 1580  
*Sang-Gyun Roh, Jee-Hee Kim*
254. Effects of Social Support and Life Stress of Women in Climacterium on Meaning of Life..... 1587  
*Ji-Woo Han*
255. The Effect of Adult Attachment Types, Gender Role Attitude on the Heterosexual Relationship  
Satisfaction in University Students..... 1592  
*Hee Jeong Kim*
256. The Effects of Economic Stress, Career maturity and Major Satisfaction on the Job Stress in Third and  
Fourth Grade Students of University ..... 1598  
*Hee Jeong Kim*
257. Major Factors Having Influence on the Subjective Happiness of Korean Youth; From the 13th  
KAHBOS Data ..... 1604  
*Weon-Hee Moon, Myoungjin Kwon*
258. Effects of Intervention on Home-Based Environmental Counselling for Children with Severe Allergic  
Diseases ..... 1611  
*Chae-Bong Kim, In-Soon Kang, Hyo-Sun LEE*
259. Differences of Emotional Intelligence, Self-Effectiveness and Job Stress Levels by ambulance worker  
Personal Characteristics..... 1618  
*Sang-Gyun Roh, Keun-Hee Kim, Jee-Hee Kim*
260. Influence of Job Satisfaction and Burnout on Nursing Service Quality in Long-Term Care Hospitals..... 1623  
*Hyojin Won, Sung-Yun Ahn, Young-Ju Kim*
261. Antimicrobial Effect of Cinnamon Oil Against *Oral Microorganisms*..... 1629  
*Yeo-Jin Jeong, Jun-Seon Choi*
262. Study on Admission Motivation and Institution Selection Intention of Elderly Residing in Long-Term  
Care Institutions..... 1633  
*Yun-Jeong Kim, Boo Hwan Ahn, Kyong Ja Im*
263. The Effect of New Nurse’s Peer Satisfaction and Educational Satisfaction on Clinical Performance..... 1640  
*Myoungjin Kwon, Sun Ae Kim*
264. Diagnostic Performance of Multiparametric MR Imaging According to the Location of Prostate Cancer 1647  
*Jihae An, Keum Won Kim, Jae Young Seo, Young Joog Kim, Min Jae Yoon, Dong Hyun Oh*

265. A Study on the Awareness of Community Public Health Project among the Employees in The Public Health Center ..... 1653  
*Bo-Woo Lee*
266. The Health Care Needs of Local Residents in Korea ..... 1660  
*Misoon Jeon*
267. Health Care Needs According to the Life-Cycle of Community Residents ..... 1666  
*Misoon Jeon*
268. Patients and Guardians' Perception on Comprehensive Nursing Care Services ..... 1672
269. Study on the Subjectivity of Medical Professionals Towards Pet Robots ..... 1679  
*Sunyoung Jang*
270. Study on the Relationship between Major Satisfaction, Career Resilience and Career Decision-Making Level ..... 1684  
*Kihun Ye, Soonyoung Yun, Shinhong Min*
271. Manufacture and Useful Evaluation of Educational Mammography Phantom ..... 1690  
*Dong-Hee Hong*
272. The Effects of Hypertension, Dyslipidemia, Myocardial Infarction, and Angina Pectoris on Stress by Cardiovascular Diseases ..... 1696  
*Yoon-Ho Lee, Hae-Ryoung Park, Sang-Sub Park*
273. An Analysis of the Risk of the Infection Disasters by Legal Infectious Disease Outbreak in South Korea ..... 1703  
*Gwang-Seok Kim, Hae-Ryoung Park, Sang-Sub Park*
274. Factors Affecting Nursing Work Performance of Medium Sized Hospital Nurses ..... 1710  
*Ji-Hyeon Jeon, Sung-Ju Park*
275. Effects of Applying Flipped Learning to Simulation Training in Nursing Students ..... 1717  
*Hyun-Jung Kim, Dahye Park*
276. Development of multifunctional cosmetic products with anti-photoaging effect ..... 1723  
*Eun-Suk Kim, Hye-Jin Kwon*
277. A Study on Improvement of Quality of Care-givers to Long Term Care Old Age ..... 1729  
*Do-Young Lee, Joo-Young Lee*
278. Factors Affecting the Clinical Competency of Nursing Students in Pediatric Nursing Clinical Practice... 1736  
*Sung-Yun Ahn, Young-Ju Kim*
279. Development Strategy for National Fitness Award 100 via comparison and Analysis of the Korean Government's Health Policy Projects ..... 1742  
*Mi-Suk Kim\*, Sang-Wan Jeon\*\**
280. The Factors affecting Burnout of the Small and Medium Hospital Nurses ..... 1747  
*HyunMee Park, KyungSook Kim*
281. Self-efficacy Mediating Effect in Health Communication Campaign ..... 1754  
*Jin-Woo Lee*

**XX**

282. The Dual Mediating Effects of Self-esteem and Hope in the Relationship between Boss's Incivility and Life Satisfaction ..... 1760  
*Yeoun Kyoung Hwang, Dong Hyun Yoon, Chang Seek Lee*
283. Study on Minimum Transmission Dose for Establishing X-Ray Imaging ..... 1766  
*Sinyoung Yu*
284. The Effect of Verbal and Non-verbal Violence Experienced at Clinical Training Institutions on Major Satisfaction of Dental Hygiene Students ..... 1772  
*Jung-Eun Ha, Ki-Hun Ye*
285. The Claim State of Dental Institutions for Payment from the NHIC ..... 1777  
*Bo-Kyung Oh, Eun-Mi Yoo, Min-Young Kim, Hye-Sook Choi*
286. Measurement and Analysis of Exposure Dose According to Radiological Survey Films of Dental Hygiene Students in Oral Imaging Practice ..... 1783  
*Kam Ji Young, Yamaguchi Tokutaro, Lim kun Ok*
287. The Effect of Action Observation Training Combined with Intrinsic Muscle Stimulation on the Upper Limb of Function in Stroke Patients ..... 1788  
*Ha-Na Kim, Bo-Kyoung Song, So-Young Han, Jung-Woo Jeong*
288. Recognition of Health and Non-Health Care Related College Students on the Safety Management of Dental Radiography ..... 1793  
*Sun-Mi Lee, Jung-Eun Ha, Min-Ji Kim*
289. Relationship between Pain-induced Temporomandibular Joint Pain According to Cell Phone Use Frequency ..... 1799  
*Sun-Mi Lee, Jung-Eun Ha, Min-Ji Kim*
290. The Effects of Nursing Ethics and Major Satisfaction on Patient Safety Management Activities of Nursing Students ..... 1804  
*Eun-Ju Kim, Seung-Ju Kang*
291. The Effects of Maternity Video and Simulation Based Education on Critical Thinking, Interpersonal Relationship, Self Leadership and Major Satisfaction ..... 1810  
*Seung-Ju Kang, Eun-Ju Kim*
292. Differences of Muscle Activities of Various Bridge Postures Using Thera-band on the Stable Surface ... 1816  
*Seol-Ah Kang, Soo-Jeong Kwon, Dong-Yoep Lee, Ji-Heon Hong, Jae-Ho Yu, Jin-Seop Kim*
293. A Comparison of Muscle Activity Depending on Shoulder Joint Flexion Angle When Conducting Kettle Bell Swing ..... 1821  
*Ha-Young Baek, Su-Jeong Seol, Dong-Yoep Lee, Ji-Heon Hong, Jae-Ho Yu, Jin-Seop Kim*
294. Change in Lower Extremity Muscle Activity with Visual and Noises During Walking ..... 1826  
*Eun-Hye Kim, Da-Hyun Lee, Su-Bin An, Dong-Yoep Lee, Ji-Heon Hong, Jae-Ho Yu, Jin-Seop Kim*
295. Immediate Changes of Shoulder External Rotation Exercise of Various Angle on the Distance of Subacromial Space ..... 1831  
*Da-Young Choo, Hae-Young Lee, Seung-Hee Jang, Dong-Yoep Lee, Ji-Heon Hong, Jae-Ho Yu, Jin-Seop Kim*

296. Effects of Balance Training Using a Wii Fit Balance Board on Balance, Gait and Activities of Daily Living in Patients with Parkinson Disease: A Pilot, Randomized Controlled Trial..... 1837  
*Jong-Hoon Moon, Jin-Hwa Jung, Hwi-Young Cho*
297. Antibacterial Activity of Essential Oils Against *Streptococcus Mutans*..... 1842  
*Young-Soon Choi, Seoul-Hee Nam*
298. A Study on the Emotional Intelligence of Optometrist ..... 1848  
*Ki-Hun Ye, Jung-Eun Ha*
299. The Effect of Cardiac Arrest Simulation Training Using Mechanical CPR Device on Chest Compression Quality of Paramedics in Pre-Hospital ..... 1854  
*Ji-Won Ahn, Byung-Jun Cho*
300. Actual Pressure Ulcer Awareness of a Person in Charge of Pressure Ulcer Management ..... 1860  
*Ji-Hoon Choi, Cheong-Hwan Lim, Seung-Hun Jeong*
301. The factors affecting on Turnover Intention of Nurses ..... 1865  
*Sung-Ja Yoon*
302. Three-dimensional Evaluation of Maxillary Sinus Volume in Different Sex Groups Using Cone-beam Computed Tomography ..... 1871  
*Eun-Young Jeon, Jeong-Hyun Lee, Sa-Beom Park, Jong-Tae Park*
303. Development of Personal Safety Education Program for Nursing Students Using Hybrid Application .... 1876  
*Sang-Mee Koo, Rae-Eun Kim*
304. Development and Evaluation of Educational Program to Prevent Cervical Cancer among Vietnamese Immigrant Women..... 1882  
*Tae-Im Kim, Sang-Mee Koo*
305. A Study on the Effect of *Eclipta Prostrata* Extract and MTS on the Improvement of Scalp Health and Prevention of Hair Loss for Workers in Their 20s and 30s..... 1888  
*Chang-Seok Lee, Joo-A Kang, Gyeong-yeon Kim, Gyu-Ri Kim*
306. A Study on the Selective Strengthening Exercise of the Quadriceps Muscle According to Various Squat Types ..... 1895  
*Ga-Ram Jeon, Yi-Won Yu, Motomi To, Ji-Heon Hong, Jae-Ho Yu, Jin-Seop Kim, Dong-Yeop Lee*
307. Change of Serratus Anterior Muscle Thickness According to Knee Flexion Angle During Knee-Push Up Plus Exercise on Sling..... 1901  
*Yun-Ji An, Ye-Ji An, Ji-Heon Hong, Jae-Ho Yu, Jin-Seop Kim, Dong-Yeop Lee*
308. A Study on the Recognition of Child Abuse and Countermeasures..... 1907  
*Shinhong Min*
309. Influencing Factors on Mid-Life Well-Being..... 1912  
*Hae-Kyung Chang*
310. Effectiveness of Virtual Reality Based Cognitive Rehabilitation on Cognitive Function, Motivation and Depression in Stroke Patients ..... 1918  
*Chang-Hyung Lee, Ye-Soon Kim, Jin-Hwa Jung*



## XXII

311. Development of a Phantom for Low Dose Mammography ..... 1925  
*Chang- Gyu Kim*
312. Medication Supportive Behavior of Mothers with Children with ADHD: A Structural Equation Model... 1931  
*Myeong-hui Choe, Hyunju Park*
313. Comparison of the Effects of Standardized Patient-based Simulation Education and Clinical Practice Education for Preoperative Nursing Care for High-risk Pregnant Women..... 1938  
*Juhee Hwang, Hyunju Park*
314. Antimicrobial Activity of *Coptis chinensis* Extract against Dental Caries ..... 1945  
*Yu-Ri Choi, Jung-Ok Choi, Seoul-Hee Nam*
315. Analysis of Depression and Stress Trends of Families Receiving Basic Life Support for Dementia Patients: Based on the Community Health Survey in 2015, 2016 and 2017 ..... 1951  
*Kyung-hee Kang, Hye-jeong Hwang*
316. A Study on the Adjustment to the College Life:Focusing on Mediated Effect of Self-Differentiation..... 1958  
*Weon-Hee Moon, Jeong-Yeon Kim*
317. Study on the Oral Health Attitude and Behaviour and the Changes in Dental Plaque According to the Use of Qraycam ..... 1964  
*Hyun-Kyung Kang*
318. Differences of Passive Ankle Stiffness in Post-Stroke Hemiplegia by Varying Angular Velocity between the Paretic and Non-Paretic Side ..... 1969  
*Dae-Yeon Lee, Wan-Young Yoon*
319. Factors Affecting Subjective Health Status in Adult Male Workers with Metabolic Syndrome Using Seventh Korean National Health and Nutrition Examination Survey (KNHANES, 2016-2018)..... 1974  
*Lee Kyongeun*
320. Factors Influencing Self-rated Health Status in Middle-aged Women with Osteoporosis: Based on the 7<sup>th</sup> Korea National Health and Nutrition Examination Survey ..... 1981  
*Kyongeun Lee*
321. A Study on Factors Affecting Communication Ability of Korean Nursing Students..... 1987  
*Young Hee Jeong, Mi Jin Kim*
322. The Effects of ICT-based Public Health Center Mobile Health Care Project on Adult Health Risk Factors ..... 1993  
*Young Ju Lee*
323. A Study on the Subjectivity of Organ Donation for Adults ..... 1999  
*Hye-Won Jeon, Dong-Hee Seo*
324. Attitude about Advanced Directives among Middle-aged Using QMethodology ..... 2004  
*Mi-Young Chon, Hye-Won Jeon*
325. Effects of Smartphone Addiction on Radiology Students' Interpersonal Satisfaction..... 2009  
*Yuxin Huang, Hong-Ryang Jung, Cheong-Hwan Lim*

326. Effects of Cognitive Exercise Therapy on Tactile Sensations of the Hands and Activities of Daily Living in Stroke Patients ..... 2014  
*Jong-Hoon Moon, Jin-Hwa Jung, Hwi-Young Cho*
327. Effects of Voice Quality Improvement Program for Professional Voice Users with Functional Voice Disorders..... 2019  
*Jingren Wang, Hyunju Park*
328. The Study of the Correlation between Cognition Function and Quality of Sleep in the Elderly ..... 2024  
*Ju-Young Park, Yeong-Ae Yang*
329. Effects of Acute Exercise Intensities on Blood Lipid and Growth Factors in Middle School Students with Intellectual Disabilities ..... 2028  
*Hong-Young Jang, Mihyun Lee*
330. Comparison of Blue Light Blocking Effects of Tips and Tinted Lenses for Dental Light Curing Machines..... 2035  
*Sook-Jeong Lee*
331. Difference of Health Consciousness According to Living Environment and Economic Level of the Elderly in the Urban-Rural Complex Area..... 2040  
*Do-Jin Kim, Jong-Hyuck Kim, Il-Young Cho*
332. Effects of 8-Week High Intensity Combined Exercise on Body Composition, Blood Lipid and CRP in Obese Middle Aged Men..... 2046  
*Do-Jin Kim, Jong-Hyuck Kim, Gyu-Ri Kim*
333. Effects of Lower Body Muscle Exercise on Blood Lipids and Homocystein..... 2052  
*Do-Jin Kim, Jong-Hyuck Kim*
334. Anticariogenic effect of *Sambucus williamsii* var. *Coreana* NAKAI (*S. Williamsii*) Extract on Against *Streptococcus Mutans* ..... 2058  
*Seoul-Hee Nam*
335. This Development of a Medical Phantom to Evaluate the Function of Low Dose 3D MDCT..... 2063  
*Chang- Gyu Kim*
336. A Study on the Optometrist' Images between Major Students and Non-major Students ..... 2069  
*Ki-Hun Ye, Jung-Eun Ha*
337. The Study of Swedish Massage on Anxiety Situation and PPT in Stressed Office Workers..... 2075  
*Jae-Gun Seo, Su-Hee Choi, Dong-Yeop Lee*
338. Effects of Interest Inducing Activities Programs on the Attention and Self-efficacy of School-aged Children ..... 2080  
*So-Young Han, Ha-Eun Choi, Min-Ji Kang, So-Hee Kim, Sang-Hee Moon, Su-Jeong Yoon, Geun-Hyung Choi, Jung-Woo Jeong, Ha-Na Kim, Bo-Kyoung Song*
339. Comparison of Nurse Teachers and General Teachers and Nurses Happy Planet Index ..... 2085  
*Oe-Nam Kim, Na-Rae Oh, Su-Yeon Seo*

## XXIV

340. Cognition and Behavior of Oral Health in Preschool Parents ..... 2091  
*Su-Jung Lee, Hong-Ryang Jung, Cheong-Hwan Lim, Jong-Hwa Jang*
341. Big Data Analysis for Child Well-being on Academic Research..... 2096  
*Jung-ho Bae, Eunae Burm*
342. Effect of Sanitizers and Disinfectants in *Staphylococcus Saprophyticus* ..... 2101  
*Jung-ok Choi, Yu-hee Lee*
343. The Effect of Task-based upper Limb Training on Activities of Daily Living and Upper Limb Function  
in Chronic Stroke Patients ..... 2107  
*Bo-Kyoung Song, So-Young Han, Jung-Woo Jeong, Ha-Na Kim*
344. The Effects of Task-oriented Mirror Therapy on the Upper Extremity Function and Brain Activation  
in Chronic Stroke Patients ..... 2112  
*Kyung-ju Lee, Man-Seok Han*
345. An Effect of Communication Training Program on Communication Skills and Empathic Ability..... 2117  
*Seon-Ju Sim, Su-min Hong*
346. A Study on the Standardization of the 6-Minute Walking Test for Elderly Koreans..... 2123  
*Sang Woong Park, Se-Young Kim, Hae-In Kim, Dong Jun Sung, Wonjong Yu*
347. Study on the Relationship between General Health and Oral Health According to Diabetes..... 2128  
*Hye-jeong Hwang, Kyung-hee Kang*
348. Analysis of Factors Affecting the Depression and Quality of Life in the Family Taking Care of  
Dementia Patients ..... 2135  
*Kyung-hee Kang, Kwon-Seob So, Hye-jeong Hwang*
349. Effects of Low-Dye Taping Applied to Chronic Stroke Patients on Gait Speed ..... 2142  
*Eun-Ja Kim, Dae-hun Kim, Shin-Jun Park*
350. The Effect of Participation in Mentoring Program on Adjustment to College Life, Major Satisfaction,  
and Interpersonal Relationship Skill in the Nursing Students ..... 2147  
*Eun-Hee Shin, Gyun-Young Kang*
351. Evaluation of Effective Sound Insulation Method for Noise Generated by MRI ..... 2153  
*Jung-Hoon Lee*
352. Impact of Trademark Rights on a Company's Financial Performance: Focusing on Pharmaceutical  
Industry in South Korea..... 2158  
*Myung-Sun Na, Kwan-Sik Na, Inchaek Park*
353. The Effect of Recognition Level of Korean Elderly Long-Term Care Insurance System on Effectiveness  
Recognition..... 2164  
*Hye-yeong Do, Yun-Jeong Kim*
354. The Effect of Power of Agility of Core Stabilization Exercise by the Musical Type ..... 2170  
*Myung-Chul Kim, Hae-In Kim*

355. Policy Roadmap for Development Process and Re-establishing Women Friendly City Policy in Korea- Focusing on the Case of Dangjin City..... 2176  
*Yun-Jeong Kim, Hyun-Jung Kang, Min-Jung Kim, Sun-Young Seo, Sang-Jin Lee, Jun-Ho Lim, Jin-Ah Chung*
356. Effectiveness of Video Recording and Self-Evaluation for Skill Training in Undergraduate Nursing Education..... 2181  
*Mi-Ran Eom, Sun Kyung Kim, Mi-Hyeon Park*
357. The Effects of Depression and Anxiety on Psychological Well-being of College Students: Focusing on the Emotional Perception Clarity ..... 2187  
*Young Joo Lee*
358. A Comparative Study on Life Satisfaction on the Disabled Elderly and the Disabled Middle Aged..... 2193  
*Da-Yeon Shim, Su-Sun Park*
359. Evaluation of Chest Compression Quality and Appropriateness in the Pediatric Cardiopulmonary Resuscitation..... 2199  
*Jin-Hwa Kim, Jee-Hee Kim, Hyun-Jung Kim*
360. Factors Influencing Internet Game Addiction in Middle School Students..... 2205  
*Eun Young Do, Yeon Ran Hong*
361. Factors Influencing on-line Game Addiction of Children ..... 2211  
*Yeon Ran Hong, Eun Young Do*
362. A Study on the Factors Affecting Depression of the Disabled People in Korea..... 2217  
*Da-Yeon Shim, Su-Sun Park*
363. A Study on the Status and Improvement of Physical & Mental Health for Middle-aged People ..... 2223  
*Sung-hui Cho, Su-Sun Park, Kyoung-Ran Hwang*
364. Skin Care Behaviors for Wellaging in Male Adults ..... 2228  
*Jae-Young Park, Myung-Sun Lee*
365. Relationship between Body Image, Growth Mindset, Grit, and Successful Aging in Korean Elderly: Moderated Mediation Effect of Hope..... 2234  
*Yeoun Kyoung Hwang, Chang Seek Lee*
366. Effects of Various Deadlifts on the Muscle Activity of the Trunk and Lower Extremity ..... 2241  
*Byoung-Hyoun Moon, Young-Jin Lim, Ji-Won Kim*
367. Factors Influencing Nursing Performance of Clinical Nurses: Focusing Communication Competency and Job Satisfaction ..... 2246  
*Hyo-Suk Song, Sung-Hwan Bang, Byung-Jun Cho, So-Hee Lim*
368. The Effects of Domestic Abuse Experience and Stress on Depression of Adolescents: The Moderated Mediation Effect of Teacher Relations..... 2252  
*Chang-Seek Lee, Eun-Kyung Ryu*
369. The Effect of Workers' Smartphone Addiction on Depression: Dual Mediation of Growth Mindset and Impulsiveness..... 2259  
*Chang-Seek Lee, Ha-Young Jang*

## XXVI

370. Perceived Health Status, Psychological Well-Being and Health Promotion Behavior of College Students 2265  
*In-Sook Park, Tae-Kyung Kim*
371. Risk Analysis of Metabolic Syndrome Affecting Osteoarthritis: Focused on the 6th Korean National Health and Nutrition Survey ..... 2271  
*Jin-Hee Kim, Weon-Hee Moon*
372. The Effects of Critical Thinking Disposition, Perception of Others and Empathy on Communication Competency among Students Majoring in Nursing ..... 2276  
*Hyea-Kyung Lee, Eun-Hee Shin*
373. Changes in the Health-related Quality of Life among Korean Adults: Data Comparison between 2007 and 2017 ..... 2283  
*Myoung-Hee Kim*
374. Effects of VR-based Rehabilitation Video for Visual Vertigo on Autonomic Nervous System and Subjective Immersion and Interest in the Elderly ..... 2290  
*Chung-Yoo Kim, In-Bae Kim, Jong-Ho Kang<sup>2</sup>*
375. Factors Affecting Health-related Quality of Life for Subjects with Breast Cancer ..... 2296  
*Myoung-Hee Kim*
376. The Influence of Self-Efficacy, Self-Esteem, Aging Anxiety on Successful Aging in Middle-Aged Women ..... 2303  
*Jin-Hui Cho*
377. The Influence of Social Network and Depression on Successful Aging in the Elderly ..... 2309  
*Yeon-Sook Kim, Jin-Hui Cho*
378. The Effect of Healthcare Service of Employees at a Workplace Using Mobile ..... 2315  
*Byung-Hyun Noh, Mi-Joon Lee, Seong-Gu Kwon, Byoung-Ki Kim*
379. Actor and Partner Effects of Self-Efficacy and Social Support on the Colorectal Cancer Screening Behavior of Husbands and Wives: Based on the Actor-Partner Interdependence Model ..... 2321  
*Jisun Lee*
380. The Correlation of the Star Excursion Balance test, Star Excursion Balance Test, Visual Feedback Balance Test ..... 2326  
*Young-Jin Lim, Byoung-Hyoun Moon, Ji-Won Kim*
381. Study the Association between the Thyroid Autoimmunity Markers and Polycystic Ovary Syndrome in Euthyroid Women ..... 2331  
*Nassrin Malik Aubead*

# Legal Protection of Medical Records for Hospital Patients

Agus Prihartono Permana Sidik<sup>1</sup>, Rani Sri Agustina<sup>1</sup>, Wafda Vivid Izziyana<sup>2</sup>

<sup>1</sup>Sultan Ageng Tirtayasa University, Banten, Indonesia, <sup>2</sup>Muhammadiyah University of Ponorogo, Indonesia

## Abstract

Providing Medical Records in a health service facility is one indicator of service quality at the institution. Based on the data in the Medical Record, it can be assessed whether the services provided are good enough or not, and whether they are in accordance with standards or not. Therefore in medical partners is a picture of the process of health care for every patient who goes to the hospital. Based on Article 1 of the Republic of Indonesia's Minister of Health Regulation No. 269 / MENKES / PER / III / 2008, that medical record is a file containing records and documents about patient identity, examination, treatment, actions and other services provided to patients. This means that the medical record is a systematic procedure given to the patient and the hospital patient's right to know.

**Keywords:** *Legal Protection, Medical Records and Hospitals*

## Introduction

Good hospital services cannot be separated from the patient's medical record, where the medical record is written and recorded information about the identity, history, physical determination, laboratory, diagnosis and medical action given to patients whether hospitalized, outpatient or receiving emergency services. Medical records have a very broad understanding, not just recording activities, but also have an understanding as a system of organizing medical records that starts recording as long as patients receive medical services, followed by handling medical record files which include organizing storage and releasing files from storage for serving requests or borrowing from patients or for other purposes. Medical records are part of the archive that describes all activities by an agency within a certain period. The hospital must have a medical record as a standard of service in the health sector that is useful for improving quality in providing optimal services to all clients. The existence of records plays a significant role in determining policies and work guidelines for achieving the vision and mission of an agency. Medical records

have an important role to support the achievement of orderly administration in efforts to improve health services in hospitals and must be managed properly that is beneficial for patients, doctors and hospitals. Problems in the medical record will be seen as insignificant, but will greatly affect health services, as argued by Nugraheni.<sup>1</sup> Therefore, the existence of a medical record can provide health services according to standards based on the objective condition of the patient through his medical history.

Providing Medical Records in a health service facility is one indicator of service quality at the institution. Based on the data in the Medical Record, it can be assessed whether the services provided are good enough or not and whether they are in accordance with standards or not. For this reason, the government, in this case the Ministry of Health, felt that it was necessary to regulate the procedure for organizing Medical Records in a Minister of Health regulation to make it clear. Broadly speaking, the implementation of the Medical Record in the Minister of Health Regulation is regulated as follows (RI Minister of Health Number 269 / MENKES / PER / III / 2008):

1. The Medical Record must be immediately made and fully completed after the patient receives the service (article 4). This is so that the data recorded is original and nothing is forgotten because of the grace period.

---

### Corresponding Author:

**Agus Prihartono Permana Sidik**

E-mail: aguspps1@gmail.com

Jl. Raya Serang - Jakarta, Panancangan, Cipocok Jaya,  
Serang City, Banten 42124

2. Every record of Medical Records must be affixed with the name and signature of the health service officer. This is needed to facilitate the system of accountability for the recording (Article 5), as opined by Nurani.<sup>2</sup>

Medical records recorded by the hospital must be known by patients as a form of patient rights.

### **Research Methodology**

In research, the method is a means to measure the validity of research conducted by researchers. Therefore in this study related to "Legal Protection of Medical Records for Hospital Patients", focus on the object of the medical record and the rights of hospital patient by conducting qualitative research and normative juridical approaches.

### **Findings and Discussion**

Indonesia's national goal is to advance public welfare, to educate the nation's life, and to participate in maintaining world order as stated in the Preamble to the 1945 Constitution of the Republic of Indonesia. Public welfare itself means security, order, the fulfillment of needs and health. In order for a human being to live productively and be active, health is needed. In realizing health, surely efforts are needed such as promotive, preventive, curative and rehabilitative. Bambang Poernomo mentioned about health efforts in the health law that "health efforts are activities to maintain and improve health carried out by the government and or by the public by using the services of health workers," as argued by Poernomo<sup>3</sup> which is based on professional standards and services.

The hospital is an institution that plays a role in health care. Soekidjo Notoatmojo said that the organization of hospitals prioritized social functions that were intended:<sup>4</sup>

- a. Facilitate community access to health services.
- b. Provide protection for patient safety, the community, the hospital environment and human resources at the hospital.
- c. Improve quality and maintain hospital service standards.
- d. Provide legal certainty to patients, the community, hospital human resources, and hospitals itself.

According to Permenkes No.82 of 2013 concerning

SIMRS is a communication information technology system that processes and integrates the entire flow of hospital services in the form of a network of coordination, reporting and administrative procedures to obtain information precisely and accurately and is part of the Health Information System. SIMRS management must be able to improve and support the process of health services in hospitals including speed, accuracy, integration, service improvement, efficiency improvement, ease of reporting in operational implementation, as argued by Novia.<sup>5</sup>

The medical record is one of the most important pillars, so the organization of medical records must be managed with professional personnel. The role of medical records is needed to manage evidence of health services safely, comfortably, efficiently, effectively and confidentially. The medical record unit is one of the units in the hospital that plays an important role in providing patient data and information related to health services received by patients. The quality of health data and information is important to consider. Quality data and information obtained from the performance of good medical records officers, as opined by Utami.<sup>6</sup>

The hospital as an individual health service facility is part of the health resources that are indispensable in supporting the implementation of health efforts. The delivery of health services <sup>4</sup> hospitals has very complex characteristics. In the era of globalization, hospitals need to prepare themselves to compete. The rapid development of science and technology (science and technology) has led to increasing public demands for hospitals to provide fast and professional health services to <sup>4</sup> the needs of medical information. Hospitals must run medical records properly. In a complete and correct medical record, information can be obtained that can be used for various purposes. These requirements include evidence for court, education and training, and can be used for analysis and evaluation of hospital service quality. Given the many uses of medical records, it is necessary to control the filling out of medical record forms, according to Winarti.<sup>7</sup>

Medical record document storage system is one very important factor in providing services in hospitals. Medical record document storage system provides data availability about all services that have been provided to patients. Therefore, medical record document storage must be managed properly to be able to provide optimal service to patients. According to Permenkes 269 of 2008

concerning medical records, medical record document storage space can be used to accommodate active medical record documents for five years, whereas according to the Director-General of Medical Services Development in 2006 storing medical record documents is recommended or recommended to use the system centralized storage with the alignment of the final number system, as argued by Kusnadi.<sup>8</sup> So that the patient's patient record will always be maintained, to find out the patient's history.

Improved health services are intended to increase awareness, comfort and ability to live healthy for every citizen in order to realize optimal health status as one of the elements of the general welfare as mandated in the opening of the 1945 Constitution of the Republic of Indonesia. Health Personnel as one of one main component of health service providers to the community has a very important role because it is directly related to the quality of service. Implementation of health efforts must be carried out by doctors and dentists who have high ethics and morals, justice and authority that must be continuously improved. One of the main elements in a prime health care system is the availability of medical services by doctors and dentists whose quality is maintained in accordance with the mandate of Law Number 29 of 2004 concerning Medical Practices. In the implementation of medical practice, every doctor and dentist must refer to the applicable standards, guidelines and procedures so that the community can obtain professional and safe medical services. By providing good services, it will lead to public confidence in hospitals and doctors.

In order to realize optimal health status for the whole community, it is necessary to improve the quality of health services which must be accompanied by adequate supporting facilities, among others through the implementation of Medical Records (hereinafter referred to as RM) in each health care facility in the form of examinations, treatment and care. Examination, treatment and care give birth to a legal relationship between the patient or his family with a doctor and / or hospital, which is recorded in the "Medical Record", according to Sudjana.<sup>9</sup>

According to Regulation of the Minister of Health No. 269/MENKES/PER/III/2008, the requirements for quality medical records are: related to the completeness of the contents of the medical record; accuracy; the accuracy of medical record records; punctuality; and fulfilment of legal aspects requirements. Meanwhile,

if referring to the hospital's minimum service standard (SPM) guidelines, there are four quality target indicators, one of which is the timely delivery of medical record documents, according to Winarti.<sup>7</sup>

In the implementation of health services, each hospital is required to provide quality services is the implementation of medical records. The role of the medical record is very important and is very attached to the service activities because such records are useful for recording the patient's condition, examination results and the actions given at that time. Today, the rapid development of technology has penetrated various sectors including health. In this case the researcher wants to examine developments in the medical record section, where the medical record is very influential in the implementation of patient services. Medical records will be a reference in the handling of patients let alone returning to treatment so that doctors can be easier, faster and more precise in the examination and treatment of patients. The medical record is an asset to ensure the smooth running of health services, therefore an electronic-based medical record (medical records information system) is needed that is easy to use and useful to help the doctor's performance inpatient care. Basically an electronic medical record is the use of electronic methods for the collection, storage, processing and accessing of medical records of patients in hospitals that have been stored in a multimedia data basis management system that collects various sources of medical data, as opined by Dharmawan.<sup>10</sup>

Realizing the application of electronic medical records, previously required the process of migrating paper medical records to electronic medical records, namely a series of processes that began with the introduction of electronic medical records and their benefits<sup>11</sup> and they were able to use them when providing services to patients<sup>12</sup>.

## Conclusion

Medical records are hospital actions performed on patients related to identity and related to the history of treatment given by doctors and hospitals to patients. With the existence of a medical record is an effort to provide the service standards needed for hospital patients. Medical records are regulated in 1 Regulation of the Minister of Health of the Republic of Indonesia Number 269 / MENKES / PER / III / 2008. Medical records are an effort to occur in the practice mall in the



field of health services for patients.

**Ethical Clearance:** Yes

**Conflict of Interest:** No

**Source of Funding:** Sultan Ageng Tirtayasa University, Banten, Indonesia

### References

1. Nugraheni R. The analysis of the medical record service at X hospital in Kediri, East Java. *J Wiyata*. 2015; 2(2); 170p.
2. Nuraini N. Analysis of medical record implementation system in installation medical record "x" hospital Tangerang period from April to May 2015. *J Adm.Rum.Sak*. 1(3);148p.
3. Poemomo B. The law of health. PPPS-FK, Yogyakarta: UGM, 25p. in Rahayu NP et al. The establishment of medical records in voluntary health services by public regional hospital Temanggung regency). *J.Huk.Kes*. 2016; 2(2); 166p.
4. Notoatmojo S. The ethics and the law of health. Jakarta: Rineka Cipta. 2010, 155p. in Rahayu NP et al. The establishment of medical records in voluntary health services by public regional hospital Temanggung regency). *J.Huk.Kes*. 2016; 2(2); 166p.
5. Novia RA, Sugiarsi S. The information system of medical records in the filing division of the public regional hospital dr. Moewardi). *J.Man.Inf. Kes,Indonesia*. March 2016; 4(1); 73-74p.
6. Utami NP. The analysis of the medical record officers' work performance in the era of national health security in Ungaran public regional hospital. Faculty of Sports Science, State University of Semarang. 2016, 2p.
7. Winarti, Supriyanto S. Analysis of medical record filling completeness and returning in hospital inpatient unit. *J.Adm.Kes.Indonesia*. 2013; 1(4); 345p.
8. Kusnadi D. The analyses of the medical record document filing system at the Prof. Dr. R. Soeharso orthopedic hospital Surakarta) [Internet]. Available from: [eprints.ums.ac.id/60015/18/NASKAH%201.pdf](https://eprints.ums.ac.id/60015/18/NASKAH%201.pdf)
9. Sudjana. The legal aspect of medical records or electronic medical records as evidences in therapeutic transactions. *J VeJ*. 2017; 3(2); 359-360p.
10. Dharmawan RW et al. The influence of ease and benefits of the medical record information system towards the work performance of doctors: The study of doctors in the Aisyiyah Islamic hospital, East Java, Malang. *J.Adm.Bis*. 2015; 27(2); 2p..
11. Erawantini F et al. Electronic medical record: The beneficiary analysis in the context of basic health services) [Internet]. Available from: <https://publikasi.dinus.ac.id/index.php/fiki2013/article/download/522/299>
12. Budiono A, Nugroho HSW, Dimiyati K, Ngestiningrum AH, Izziyana WV. The Anachronism of Indonesian Social Security Policy in Health. *Medico-Legal Update*. 2019; 19(1). 229-233p

# Synergy of Government and Regional Government Authority in Providing Health Guarantee for Communities in Indonesia

## ORIGINALITY REPORT

17%

SIMILARITY INDEX

13%

INTERNET SOURCES

2%

PUBLICATIONS

16%

STUDENT PAPERS

## PRIMARY SOURCES

1

Submitted to Universitas Jember

Student Paper

13%

2

Ratnawati Ratnawati. "Analysis The Level of Compliance of Hospital Human Resources in Writing The Status of Inpatient Medical Record Dr Sayidiman Hospital and The Influences Factors", Journal for Quality in Public Health, 2020

Publication

2%

3

Submitted to Binus University International

Student Paper

1%

4

Submitted to iGroup

Student Paper

1%

Exclude quotes

Off

Exclude matches

< 1%

Exclude bibliography

On