

C.3

**LEMBAR**  
**HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**  
**KARYA ILMIAH : JURNAL ILMIAH**

Judul Karya Ilmiah (Artikel) : Case Report\* Correlation of Warm and Cold Ischemic Time to Graft Function in Kidney Transplant: A Single Centre Report  
 Jumlah Penulis : 3 Orang  
 Status Pengusul : Eriawan A. Nugroho<sup>1</sup>, \*, Arif Hidayat<sup>2</sup>, Ahsanu T. Hidayat<sup>2</sup>

Identitas Jurnal Ilmiah : a. Nama Jurnal : The Open Urology & Nephrology  
 b. Nomor ISSN : 1874-303X  
 c. Vol, Nomor, halaman : 12, p:66-71  
 d. Edisi : 2019  
 e. Penerbit : Bentham  
 f. Jumlah halaman : 6  
 g. DOI artikel (jika ada) :  
 h. Alamat web jurnal :

<https://openurologyandnephrologyjournal.com/contents/volumes/V12/TOUNJ-12-66/TOUNJ-12-66.pdf>

i. Terindeks di : Scopus Q4 SJR 0.11

j. On line turnitin :

[https://doc-pak.undip.ac.id/10027/3/TURNITIN Case Report Correlation of Warm.pdf](https://doc-pak.undip.ac.id/10027/3/TURNITIN%20Case%20Report%20Correlation%20of%20Warm.pdf)

Kategori Publikasi Jurnal Ilmiah : ☒ **Jurnal Ilmiah Internasional/ Internasional Bereputasi\*\***  
 (beri ✓ pada kategori yang tepat) ☐ Jurnal Ilmiah Nasional Terakreditasi  
☐ Jurnal Ilmiah Nasional/Nasional

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a. Kelengkapan unsur isi artikel (10%)	4			3
b. Ruang lingkup dan kedalaman pembahasan (30%)	12			10
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d. Kelengkapan unsur dan kualitas terbitan/ jurnal (30%)	12			9
<b>Total = (100%)</b>	<b>40</b>			<b>31</b>
<b>Nilai Pengusul =</b>			<b>60% x 31 = 18,6</b>	

Catatan penilaian Artikel oleh Reviewer :

- Kelengkapan unsur isi artikel : Unsur artikel cukup lengkap, sedangkan abstrak tersusun dengan baik
- Ruang lingkup dan kedalaman pembahasan : Ruang lingkup sesuai bidang ilmu pengusul, pembahasan cukup luas dan dalam dengan menggunakan referensi yang cukup
- Kecukupan dan kemutahiran data/informasi dan metodologi: Data sekunder dari catatan medik dikumpulkan dengan metode standar
- Kelengkapan unsur dan kualitas terbitan/ jurnal: JIB terindex Scopus Q4, SJR 0,11

Semarang,  
 Reviewer 1



Prof. Dr. dr. Tri Nur Kristina, DMM, M.Kes  
 NIP. 19590527 198603 2 001  
 Unit kerja : Fakultas Kedokteran Undip  
 Bidang ilmu : Ilmu Kedokteran  
 Jabatan pangkat : Guru Besar

**LEMBAR**  
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Function in Kidney Transplant: A Single Centre Report

Jumlah Penulis : 3 Orang

Status Pengusul : Eriawan A. Nugroho<sup>1, \*</sup>, Arif Hidayat<sup>2</sup>, Ahsanu T. Hidayat<sup>2</sup>

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c. Vol, Nomor, halaman : 12, p:66-71

d. Edisi : 2019

e. Penerbit : Bentham

f. Jumlah halaman : 6

g. DOI artikel (jika ada) : -

h. Alamat web jurnal :

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i. Terindeks di : Scopus Q4 SJR 0.11

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b. Ruang lingkup dan kedalaman pembahasan (30%)	12			9,6
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d. Kelengkapan unsur dan kualitas terbitan/ jurnal (30%)	12			9
<b>Total = (100%)</b>	<b>40</b>			<b>30,5</b>
<b>Nilai Pengusul =</b>			<b>60% x 30,5 = 18,3</b>	

Catatan penilaian Artikel oleh Reviewer :

- Kelengkapan unsur isi artikel : Unsur isi artikel lengkap, tujuan jelas pada pendahuluan, sistematika dan cara penulisan sesuai kaidah penulisan ilmiah, metode diuraikan secara rinci, dijelaskan pula tentang etika penelitian, hasil dan diskusi didukung pustaka yang baru dan relevan
- Ruang lingkup dan kedalaman pembahasan : lingkup penelitian sesuai dengan bidang ilmu pengusul sebagai seorang ahli bedah urologi. Hasilnya dibahas secara luas, tampak kemanfaatan penelitian dan hasilnya juga dibandingkan dengan mensitasi hasil penelitian terdahulu, dengan pustaka yang baru dan relevan
- Kecukupan dan kemutakhiran data/informasi dan metodologi: Baik
- Kelengkapan unsur dan kualitas terbitan/ jurnal: The Open Urology & Nephrology merupakan jurna Q4

Semarang,  
Reviewer 2



Dra. Ani Margawati, M.Kes., Ph.D.

NIP. 196505251993032001

Unit kerja : Fakultas Kedokteran Undip

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*The Open Urology & Nephrology Journal*, a peer-reviewed journal, is an important and reliable source of current information on developments in the field. The emphasis will be on publishing quality papers rapidly and making them freely available to researchers worldwide.

## Recent Articles

### LETTER TO THE EDITOR

Author	Title	Year
Anusua Trivedi, W. Conrad Liles, Nicholas Becker, Catherine Egan, Juan Lavista Ferres, Aaron Lee and Pavan K. Bhatraju	Parameters of Chronic Kidney Disease to Identify Outpatients at Increased Risk for COVID-19 Mortality: A Cohort Study of UK Biobank Participants	2021

#### [Parameters of Chronic Kidney Disease to Identify Outpatients at Increased Risk for COVID-19 Mortality: A Cohort Study of UK Biobank Participants](#)

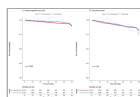
Anusua Trivedi, W. Conrad Liles, Nicholas Becker, Catherine Egan, Juan Lavista Ferres, Aaron Lee and Pavan K. Bhatraju

*The Open Urology & Nephrology Journal*, 2021; 14: 26.

Electronic Publication Date: December 31, 2021

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### RESEARCH ARTICLE



#### [Effect of Intravesical Chemotherapy on the Survival of Patients with Non-Muscle-Invasive Bladder Cancer Undergoing Transurethral Resection: A Retrospective Cohort Study Among Older Adults](#)

Ashis K. Das, Devi K. Mishra and Saji S. Gopalan

*The Open Urology & Nephrology Journal*, 2021; 14: 20.

Electronic Publication Date: December 23, 2021

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**Tushar Vachharajani**   
Glickman Urological & Kidney Institute  
Cleveland Clinic  
Cleveland, OH  
USA  
Email: [tvachh@gmail.com](mailto:tvachh@gmail.com)  
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### Biography of Tushar Vachharajani



Tushar J. Vachharajani, MD, FASN is Professor at Cleveland Clinic Lerner College of Medicine of Case Western Reserve University in Cleveland, Ohio. He is the Director of Global Nephrology, Department of Kidney Medicine at Glickman Urological and Kidney Institute, Cleveland Clinic, Ohio, USA. He graduated from the Grant Medical College, Mumbai, India and completed additional fellowships in nephrology from St. Bartholomew's Hospital, London, UK and Louisiana State University Health Sciences Center, Shreveport, LA, USA. His main interests are in chronic kidney disease, hemodialysis and dialysis vascular access. He has published 200 peer-reviewed articles, book chapters and reviews. Dr. Vachharajani is passionate about educating and improving the procedural skills of the nephrology community around the world.

He is the inaugural Editor of ISN Academy, an online educational portal of the International Society of Nephrology ([academy.theisn.org](http://academy.theisn.org)). He serves on the editorial boards of Kidney International Report, Seminars in Dialysis, Journal of Vascular Access, Frontiers in Nephrology and Indian Journal of Nephrology. He has received the 2021 ISN Roscoe Robinson Award, for excellence in education and scholarly activities, 2016 Gerald Beathard Award from American Society of Diagnostic and Interventional Nephrology for excellence in teaching and scholarly activity and 2017 AVATAR Hero Award for his contributions and service.

Glickman Urological & Kidney Institute, Cleveland Clinic, Cleveland, USA

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**Bentham Open Welcomes Sultan Idris University of Education (UPSI) as Institutional Member**

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**Anil K. Agarwal**   
Department of Internal Medicine  
The Ohio State University Columbus  
Columbus, OH  
USA  
Email: [Anil.Agarwal@osumc.edu](mailto:Anil.Agarwal@osumc.edu)  
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#### Biography of Anil K. Agarwal



Dr. Agarwal is a Professor of Clinical Medicine at The Ohio State University College of Medicine and Public Health and Section Chief of Nephrology at University Hospital East. Dr. Agarwal is a passionate clinician and educator. His research spans the areas of hypertension, dialysis, anemia, mineral bone disorders and vascular access. Dr. Agarwal is an expert in Interventional Nephrology. He is the President of the American Society of Diagnostic and Interventional Nephrology and the Deputy Chair of the Interventional Nephrology Workgroup of the International Society of Nephrology. He has authored and edited the first textbook of Interventional Nephrology as well as the first and second editions of NephSAP on Interventional Nephrology. Dr. Agarwal is Chair and member of several advisory committees, boards and editorial boards.

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### • Asia



**Narayan Prasad**  
Department of Nephrology  
Sanjay Gandhi Post Graduate Institute of Medical Sciences  
Lucknow  
India  
Email: [narayan.nephro@gmail.com](mailto:narayan.nephro@gmail.com)  
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#### Biography of Narayan Prasad

Dr. Narayan Prasad is a Professor at the Department of Nephrology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India. His fields of expertise are Nephrology, Organ Transplant and



Acute Kidney Injury. He did special courses in Biostatistics, Scientific Communication, and Computer Application in Medical Education. Dr. Prasad is an editorial board member of many national and international Journals.

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—Debomoy K. Lahiri. (Indiana University School of Medicine, USA).

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—Robert Looney. (Naval Postgraduate School, USA).

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**Aamir J. Al Mosawi**    
 Department of Pediatrics  
 Baghdad Medical City  
 Baghdad  
 Iraq  
 Email: [almosawiAJ@yahoo.com](mailto:almosawiAJ@yahoo.com)  
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### Biography of Aamir J. Al Mosawi



Dr. Al Mosawi is advisor doctor at Baghdad Medical City. He is the Head of Iraq Headquarter of Copernicus Scientists International Panel. He was the founding editor of the first Iraqi international peer-reviewed medical journal "The New Iraqi Journal of Medicine (2005-2013)" which is the first Iraqi medical to be included in Scopus He is a member of the World Association of Medical Editors (WAME). In the past, he also served as head of the department of pediatrics at the University hospital in Al Kadhimiya. He is also an expert trainer at the National Training and Development Center of the Iraqi Ministry of Health. In the past, he also served as head of the department of pediatrics at the University hospital in Al Kadhimiya. Currently he is the Iraqi pediatrician and hospital based clinicians with the highest H-index on Scopus.

Department of Pediatrics, Baghdad Medical City, Baghdad, Iraq



**Antonio S. Laganà**  
 Department of Human Pathology in Adulthood and Childhood "G. Barresi"  
 Unit of Gynecology and Obstetrics  
 University of Messina  
 Messina  
 Italy  
 Email: [antlagana@unime.it](mailto:antlagana@unime.it)  
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### Biography of Antonio S. Laganà



Antonio Simone Laganà was born in Reggio Calabria (Italy) on 8th May, 1986. He got a Master of "gynecological minimally invasive and robotic surgery" (University of Pisa), and developed an intensive surgical training in the Univerzitetni Klinični Center, Ljubljana (Ljubljana, Slovenia) as well as an obstetric/gynecological ultrasound training in the Altamedica Main Center (Rome, Italy). His research interests are: Endometriosis, Reproductive Immunology, Infertility, Gynecological Endocrinology, Laparoscopy, Hysteroscopy. He is author of many papers published in national and international peer-reviewed journals, and his presence is often requested as Invited Speaker in international congresses.

Department of Human Pathology in Adulthood and Childhood "G. Barresi", Unit of Gynecology and Obstetrics, University of Messina, Messina, Italy



**Cristian Persu** <sup>Scopus</sup>  
Carol Davila University of Medicine and Pharmacy  
Bucharest  
Romania  
Email: [drcpersu@gmail.com](mailto:drcpersu@gmail.com)  
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#### Biography of Cristian Persu



Dr. Persu is currently a Senior Lecturer at Carol Davila University of Medicine, Bucharest, with 17 years of practice. He is a Consultant urologist in one of the largest urology hospitals in the country. He received his PHD in 2009 from Carol Davila University with research activity in "Particular aspects of urodynamic exploration in spinal cord injured patients". He has more than 10 books published and 24 papers published in ISI indexed publications. His field of interest includes endourology, functional urology, male infertility and erectile dysfunction, oncology. He is a member of Romanian Association of Urology (ARU), European Association of Urology (EAU), American Association of Urology (AUA) and several other organizations.

Carol Davila University of Medicine and Pharmacy, Bucharest, Romania

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**Tolga Mercantepe**

Department of Histology and Embryology  
Recep Tayyip Erdoğan University  
Rize  
Turkey  
Email: [tolgamercantepe@yahoo.com](mailto:tolgamercantepe@yahoo.com)  
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### Biography of Tolga Mercantepe



Tolga Mercantepe (Switzerland, 1982) is Assistant Professor in the Department of Histology and Embryology at the Recep Tayyip Erdoğan University, Turkey. His research interests area is the transmission electron microscopy and renal histopathology. In recent years, he has focused on better techniques for and electron microscopy and renal diseases. His main fields of expertise are Renin-angiotensin system (RAS), MAPK/ERK pathway, Transmission electron microscopy, Membranoproliferative Glomerulonephritis: (MPGN)(Type I-III), Minimal-Change Disease, Histopathology, Toxicology, Experimental medicine.

Department of Histology and Embryology, Recep Tayyip Erdoğan University, Rize, Turkey



**Mayoor V. Prabhu**

Department of Nephrology  
KMC Hospital  
Mangalore  
India  
Email: [drprabhunephro@gmail.com](mailto:drprabhunephro@gmail.com)  
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### Biography of Mayoor V. Prabhu



Dr. Mayoor V. Prabhu, M.D., is serving as an Associate Professor in Nephrology at Kasturba Medical College, Mangalore, India. His skills and expertise include Kidney Transplantation, Peritoneal Dialysis, Renal Disease and Renal Failure. Dr. Prabhu has over 20 publications in a number of respected journals. Additionally, he is a member of a number of prestigious societies, such as the International Society of Nephrology, International Society of Peritoneal Dialysis, etc. He has also served as a reviewer for multiple journals, such as American Journal of Kidney Diseases (AJKD), Peritoneal Dialysis International (PDI), etc

Department of Nephrology, KMC Hospital, Mangalore, India



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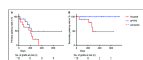
*Daiji Takamoto, Takashi Kawahara, Teppei Takeshima, Shinnosuke Kuroda, Taku Mochizuki, Kazuhide Makiyama, Yasushi Yumura, Jun-ichi Teranishi and Hiroji Uemura*

**The Open Urology & Nephrology Journal**, 2019; 12: 1.

Electronic Publication Date: February 28, 2019

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## • CASE REPORT



## [Comparison of Acuseal and Standard ePTFE Vascular Grafts for Hemodialysis: A Retrospective Case Series](#)

*Louisa M.S. Gerhardt, Andreas Bock, Regula Marti and Stephan Segerer*

**The Open Urology & Nephrology Journal**, 2019; 12: 4.

Electronic Publication Date: May 31, 2019

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*Axel M. Nwaha, Theodore B. Sala, Landry W. Tchukenkam, Gael Dongmo, Georges Kabko and Angwafo Fru*

**The Open Urology & Nephrology Journal**, 2019; 12: 9.

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## • RESEARCH ARTICLE

## [Prevalence of Chronic Kidney Disease and Its Determinants in Rural Pondicherry, India-A Community Based Cross-Sectional](#)

**Study**

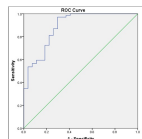
Ravi Kumar P, Amol Dongre, R. Muruganandham, Pradeep Deshmukh and D. Rajagovindan

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**[Urine Neutrophil Gelatinase-Associated Lipocalin Measured at Admission to Predict Recovery from Acute Kidney Injury of Vietnamese ICU Patients](#)**

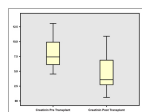
Le V. Thang, Nguyen T. Kien, Pham N. H. Tuan, Nguyen T. T. Dung, Truong Q. Kien, Do M. Ha, Pham Q. Toan, Nguyen T. T. Ha, Diem T. Van, Nguyen Van Duc, Vu X. Nghia, Nguyen H. Dung, Nguyen T. T. Huong, Hoang T. Vinh and Le T. Ha

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**[Correlation of Warm and Cold Ischemic Time to Graft Function in Kidney Transplant: A Single Centre Report](#)**

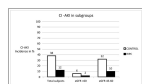
Eriawan A. Nugroho, Arif Hidayat and Ahsanu T. Hidayat

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- RESEARCH ARTICLE**



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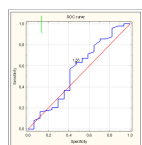
Krishnaswamy Sampathkumar and Ratchagan Saravanan

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- RESEARCH ARTICLE**



**[Is Transferrin Saturation a Useful Marker of Iron Metabolism in Patients with Chronic Kidney Disease Treated with Hemodialysis?](#)**

Ewa Kwiatkowska, Martyna Opara, Sebastian Kwiatkowski, Leszek Domański, Małgorzata Marchelek-Myśliwiec and Kazimierz Ciechanowski

**The Open Urology & Nephrology Journal**, 2019; 12: 77.

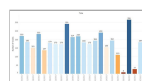
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- Everyday Cases in Nephrology**

Edited by: Arvind Conjeevaram & Anupama Janardhana  
(July 31, 2019)

- EDITORIAL**



**[Everyday Cases in Nephrology](#)**

Arvind Conjeevaram and Anupama Janardhana

**The Open Urology & Nephrology Journal**, 2019; 12: 33.

Electronic Publication Date: July 31, 2019



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## RESEARCH ARTICLE

### Urine Neutrophil Gelatinase-Associated Lipocalin Measured at Admission to Predict Recovery from Acute Kidney Injury of Vietnamese ICU Patients

Le V. Thang<sup>1</sup>, Nguyen T. Kien<sup>1,\*</sup>, Pham N. H. Tuan<sup>5</sup>, Nguyen T. T. Dung<sup>1</sup>, Truong Q. Kien<sup>1</sup>, Do M. Ha<sup>1</sup>, Pham Q. Toan<sup>1</sup>, Nguyen T. T. Ha<sup>1</sup>, Diem T. Van<sup>1</sup>, Nguyen Van Duc<sup>1</sup>, Vu X. Nghia<sup>2</sup>, Nguyen H. Dung<sup>3</sup>, Nguyen T. T. Huong<sup>4</sup>, Hoang T. Vinh<sup>1</sup> and Le T. Ha<sup>6</sup>

<sup>1</sup>Military Hospital 103, Ha Noi, Viet Nam

<sup>2</sup>Vietnam Military Medical University, Ha Noi, Viet Nam

<sup>3</sup>Bach Mai Hospital, Ha Noi, Viet Nam

<sup>4</sup>Ha Noi Kidney Hospital, Ha Noi, Viet Nam

<sup>5</sup>Trung Vuong Hospital, Ho Chi Minh, Viet Nam

<sup>6</sup>108 Military Central Hospital, Ha Noi, Viet Nam

#### Abstract:

#### Aims:

To evaluate the predictive value of urine Neutrophil Gelatinase-Associated Lipocalin (NGAL) measured at the time of admission during the recovery from Acute Kidney Injury (AKI) after 90 days.

#### Materials and Methods:

This study includes 101 adult patients admitted to the Intensive Care Unit (ICU) who were diagnosed as AKI (96 patients had been collected 24-hour urine and 5 patients with anuria). Acute kidney injury was diagnosed using the Acute Kidney Injury Network (AKIN) criteria. Urine NGAL was measured at admission using the BioVendor Human Lipocalin-2/NGAL ELISA.

#### Results:

The ratio of complete recovery patients after 90 days reached 71.9%. The mean of urine NGAL concentration in the recovery group was 242.04 ng/ml, lower significantly than that of non-recovery patients (371.1 ng/ml),  $p=0.007$ . At the cut-off value for 740.03 ng/ml, urine NGAL measured at admission predicted complete recovery with the area under the curve of ROC for urine NGAL = 0.888,  $p<0.001$ . Based on the multivariate regression analysis, serum urea, serum creatinine and urine NGAL were independent factors that effected the proportion of recovery in AKI patients (OR=0.856,  $p=0.023$ ; OR=1.014,  $p=0.012$  and OR=0.993,  $p<0.001$ , respectively).

#### Conclusion:

Serum urea, serum creatinine and urine NGAL were independent factors that effected the proportion of recovery in AKI patients. Urine NGAL in AKI patients measured at the time of the admission time to ICU can be used as a prognostic biomarker of recovery.

**Keywords::** AKI, SA-AKI, Urine NGAL, Recovery, ICU, Neutrophil.

#### Article History

Received: May 28, 2019

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## 1. INTRODUCTION

The incidence of Acute Kidney Injury (AKI) in all hospitalized patients is nearly 7% [1]. In ICU patients, the overall mortality of AKI patients requiring renal replacement

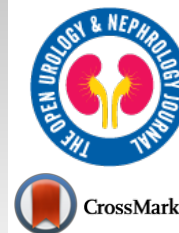
therapy is about 60.3% [2]. AKI leads to an alarming increase in morbidity and mortality as well as is a major risk factor for the development of complications [3]. There are many causes of AKI in patients who are treated at ICU, in which sepsis is a common cause and accounts for a high proportion [4 - 10]. Although acute kidney damage is caused by various factors, however, histopathological images show that acute renal tubular lesions are common ones [9, 11 - 14]. Lipocalin-related

\* Address correspondence to this author at the Department of Hematology and Blood Transfusion, Military Hospital 103, Vietnam Military Medical University, 261 Phung Hung, Ha Dong, Ha Noi, Vietnam; Tel: +84835773357; E-mail: bs.ntkien@gmail.com



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## RESEARCH ARTICLE

### Prevalence of Chronic Kidney Disease and Its Determinants in Rural Pondicherry, India-A Community Based Cross-Sectional Study

Ravi Kumar P<sup>1,\*</sup>, Amol Dongre<sup>2</sup>, R. Muruganandham<sup>3</sup>, Pradeep Deshmukh<sup>4</sup> and D. Rajagovindan<sup>5</sup>

<sup>1</sup>Department of Nephrology, Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Madagedipeth, Puducherry, India

<sup>2</sup>Department of Community Medicine, Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Madagedipeth, Puducherry, India

<sup>3</sup>Non Communicable Disease, District Program Officer- Ariyalur District, Government of Tamil Nadu, India

<sup>4</sup>Department of Community Medicine, All India Institute of Medical Sciences, Nagpur, India

<sup>5</sup>Sri Manakula Vinayagar Medical College and Hospital, Kalitheerthalkuppam, Madagedipeth, Puducherry, India

#### Abstract:

##### Introduction:

The burden of CKD is on the rise globally and in India. There are scarce population based studies based in rural industrialized settings in India and elsewhere.

##### Objective:

To find out the prevalence and determinants of Chronic Kidney Disease (CKD) among adults in rural Pondicherry, India

##### Methods:

It was a community-based cross-sectional study in 13 villages of a Primary Health Centre in rural Pondicherry. A representative sample of 422 adults more than or equal to 50 years of both genders was selected by population proportional to size methods. All the participants were screened by SCORED questionnaire to get the potential cases of CKD. We did serum creatinine, urine examination, blood pressure and anthropometric measurement for the potential cases. CKD was diagnosed by estimation of glomerular filtration rate and presence of proteinuria. The data was analyzed using Statistical Package for Social Science version 24. The study was approved by the Institutional Ethics Committee of SMCCH, Pondicherry.

##### Results:

The prevalence of CKD was found to be 24.2% in the study sample of respondents 50 years or more. Most (73.5%) of the CKD cases were at stage 2, Stage 3a had 15% and stage 3b had 2% of the cases. The determinants of CKD were (60-69 years, PR: 2.36, CI: 1.36-4.07), poor nutrition (underweight, overweight and obesity) poor nutritional status (underweight: PR: 2.26, CI: 1.05-4.89), (overweight: PR: 2.19, CI: 1.06-4.52), (obese: PR: 2.13 CI: 1.13-4.01) and presence of at least one chronic co-morbidity (PR: 5.85, CI: 1.38-24.78). Majority of the patients in the CKD group had minimal proteinuria 87.25%. And 42.15% of the CKD group had no diabetes mellitus or hypertension.

##### Conclusion and Recommendation:

Considering the higher prevalence of CKD in the study area, targeted screening of adult population should be undertaken as means of early detection, diagnosis, treatment and follow up of at-risk individuals to prevent further progression of CKD. Further research is required to look at the aetiology of CKD.

**Keywords:** Chronic kidney disease, Epidemiology, Rural, India, Hypertension, Diabetes mellitus.

#### Article History

Received: March 04, 2019

Revised: May 13, 2019

Accepted: May 22, 2019

## 1. INTRODUCTION

According to K/DOQI clinical practice guidelines for Chronic Kidney Disease (CKD) evaluation, classification and stratification, the criteria for the definition of Chronic Kidney

Disease is kidney damage for more than or equal to three months, as defined by structural or functional abnormalities of the kidney, with or without decreased Glomerular Filtration Rate (GFR), that can lead to decreased GFR, manifest by either pathologic abnormalities, or markers of kidney damage