

Department of Emergency Medicine
Faculty Research Publications
2019 to 2025

Publications

- **Year 2019: Total No. of Publications: 01**
- **YEAR 2020: Total No. of Publications:02**
- **Year 2021: Total No. of Publications: 04**
- **Year 2022: Total No. of Publications: 01**
- **Year 2023: Total No. of Publications:03**
- **Year 2024: Total No. of Publications :02**
- **Year 2025:05**

2019 PUBLICATIONS					
Sl. No	Paper title	Name of the Authors	Journal name	Departments	Indexations
1	Comparison of Injury Severity Score, New Injury Severity Score, Revised Trauma Score and Trauma and Injury Severity Score for Mortality Prediction in Elderly Trauma Patients	Rameshbabu Homanna Javali, ¹ Krishnamoorthy,² Akkamahadevi Patil, ³ Madhu Srinivasarangan, ⁴ Suraj, ⁵ and Sriharsha ⁶	Indian Journal of Critical Care Med 2019;23(2):73-77.	Emergency Medicine	PubMed

2020 PUBLICATIONS					
Sl. No	Paper title	Name of the Authors	Journal name	Departments	Indexations
1	Diagnostic relevance of neutrophil gelatinase associated lipocalin in early detection of acute kidney injury	Madhusudhan Mahadevaiah ^{1,2} Murali Mohan Nidasale Thimmaiah ² Venu Sashank Yerramsetty ² Jeevan Kumar ² Ranjith Kumar ²	Journal of Emergency Practice and Trauma 10.34172/JEPT.2020.38	Department of Emergency Medicine	SCOPUS
2	Fluid administration Patterns and outcomes in Patients with septic shock admitted from Emergency Department	Dr. Sahana.G Dr. N.T.Murali Mohan Dr. Sarath.K	International Journal of Scientific Research Volume - 9 Issue - 7 July - 2020 PRINT ISSN No. 2277 - 8179 DOI : 10.36106/ijsr	Department of Emergency Medicine	Google scholar, ICI Publons

2021- PUBLICATIONS

1	Adverse Events in Failed First-Pass Intubation vs. Successful First-Pass Intubation in the Emergency Department - An Analytical Hospital-Based Study.	Devendra Prasad K.J.1, Biju Shekar2	J Evid Based Med Healthc, pISSN - 2349-2562, eISSN - 2349-2570 / Vol. 8 / Issue 06 / Feb. 08, 2021	Department of Emergency Medicine & Department of Anaesthesiology	DOAJ
2	Prediction of Outcome Based on Trauma and Injury Severity Score, IMPACT and CRASH Prognostic Models in Moderate-to-Severe Traumatic Brain Injury in the Elderly	Dhoni Ganesh Siva Rama Krishna Moorthy, Krishnappa Rajesh, Sarathy Manju Priya, Thaminaina Abhinov, and Kalavagunta Jyothiswarapillai Devendra Prasad	<u>Asian J Neurosurg.</u> 2021 Jul-Sep; 16(3): 500–506. Published online 2021 Sep 14. doi: 10.4103/ajns.AJNS_512_20	Department of Emergency Medicine	PubMed
3	Patients With Suicidal Patterns in the Emergency Room: A Clinical and Social Reflection	Rajesh K, Amogh Ananda Rao, Krishna D, Pratyaksh P. Vaishnav, Sissmol Davis, Abhinov T, Devendraprasad K. J, Ashutosh Suresh, Chiranth Nadig	Cureus 13(10): e18570. doi:10.7759/cureus.18570	Department of Emergency Medicine & Internal Medicine	PubMed
4	Modified Shock Index as an Indicator for Prognosis Among Sepsis Patients With and Without Comorbidities Presenting to the Emergency Department	KJ Devendra Prasad, Thamminaina Abhinov, KC Himabindu, K Rajesh, DGSR Krishna Moorthy	Cureus 13(12): e20283. doi:10.7759/cureus.20283 December 08, 2021	Department of Emergency Medicine	PubMed

2022-PUBLICATIONS

1	The impact of alcohol intoxication on early Glasgow Coma Scale-Pupil reactivity score in patients with traumatic brain injury: A prospective observational study	<u>Abhinov Thamminaina,</u> K. J. Devendra Prasad, T. Abhilash1 , D. G. S. R. Krishna Moorthy, K. Rajesh	International Journal of Critical Illness and Injury Science2022;12:28-32Received: 17.02.2021; Revision: 17.05.2021; Accepted: 20.05.2021; Published: 24.03.2022.	Department of Emergency Medicine	PUBMED
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2023- PUBLICATIONS

1	Performance of new Poisoning Mortality Score in comparison with SOFA and APACHE II scores in acute organophosphate poisoning	D.G.S.R. Krishna Moorthy ¹ , S. Manju Priya ¹ , K. Rajesh ¹ , K.J. Devendra Prasad ¹	<u>Journal of Emergency Medicine, Trauma and Acute Care, Volume 2023, Issue 1, Feb 2023,</u>	Department of Emergency Medicine	PubMed
2	A Comparative Study on Predictive Validity of Modified Shock Index, Shock Index, and Age Shock Index in Predicting the Needfor Mechanical Ventilation among Sepsis Patients in a Tertiary Care Hospital	K. J. Devendra Prasad, K. C. Hima Bindu, T. Abhinov, Krishna Moorthy, Rajesh K	J Emerg Trauma Shock 2023;16:17-21. Submitted: 12-Sep-2022. Revised: 09-Jan-2023. Accepted: 07-Feb-2023. Published: 24-Mar-2023.	Department of Emergency Medicine	Scopus
3	Comparison of the Poisoning Severity Score, Sequential Organ Failure Assessment Score, and Acute Physiology and Chronic Health Evaluation II Score with Lactate to assess the outcome in Acute Organophosphorus Poisoning	1 Krishna Moorthy DGSR, 2 Manju Priya S, 3 Rajesh K, 4 Devendra Prasad K	Indian Journal of Forensic Medicine & Toxicology Volume 17 No. 2, April-June 2023	Department of Emergency Medicine	EMBASE

2024 PUBLICATIONS

1	The Impact of Comorbidity– Polypharmacy Score on Geriatric Trauma Outcomes	D. G. S. R. Krishna Moorthy, S. Manju Priya ¹	J Indian Acad Geriatr 2024;20:117-20. Journal of the Indian Academy of Geriatrics Volume 20 Issue 3 July-September 2024	Departments of Emergency Medicine and 1 Pharmacology, Sri Devaraj Urs Medical College, Kolar, Karnataka, India	Journal of the Indian Academy of Geriatrics SCOPUS, PUBMEB, WOS
2	Comparing the predictive value of MSI, SI, ASI, and qSOFA with acid– base markers for septic shock morbidity and mortality	Devendra Prasad K.J.1, * , Himabindu K.C.1 , Krishnamoorthy D.G.S.R.1 , Rajesh K.1 , Murali Mohan N.T.1	Journal of Emergency Medicine, Trauma & Acute Care. 2024(7):28 https://doi.org/10.5339/jemtac.2024.28	Department of Emergency Medicine	JEMTAC (SCOPUS)

2025 PUBLICATION

	2025 PUBLICATION					
1	<p>“Unlocking Airway Predictability: The Role ofUltrasound in Assessing Cormack-LehaneGrade Through Anterior Neck Soft TissueThickness at the Level of Vocal Cords and Hyoid Bone”</p>	<p>D. G. S. R. Krishnamoorthy, MD1 , K. J. Devendra Prasad, DNB1 , K. Rajesh, MD1 , Y. Nikhil Reddy, MBBS1 , and S. R. Aravind, MBBS1</p>	<p>Journal of Intensive Care Medicine 1-9 © The Author(s) 2025</p>	<p>Department of Emergency Medicine, Sri Devaraj Urs Academy of Higher Education and Research Medical College, Kolar, Karnataka, India</p>	<p>PUBMED/ SCOPUS/ MEDLINE</p>	
2	<p>A Comparison of TIMI (Thrombolysis in Myocardial Infarction) and GRACE (Global Registry of Acute Coronary Events) Scores, Myocardial Blush Grade, and Shock Index-Based Indices for Predicting Outcomes in STEMI Patients Undergoing Reperfusion.</p>	<p>SR A, Lakshmaiah Y, DGSR K, et al. (May 27, 2025)</p>	<p>Cureus 17(5): e84938. doi:10.7759/cureus.84938</p>	<p>Department of Emergency Medicine, Sri Devaraj Urs Academy of Higher Education and Research Medical College, Kolar, Karnataka, India</p>	<p>Cureus PUBMED</p>	
3	<p>Diagnostic Accuracy of the Madras Head Injury Prognostication Scale (MHIPS) in Predicting Mortality among Traumatic Brain Injury Patients</p>	<p>Nikhil Reddy Y.1 Devendra Prasad K. J.1 Krishna Moorthy D. G. S. R.1 Rajesh K.1 Aravind S. R.1</p>	<p>DOI https://doi.org/ 10.1055/s-0045-1808233. ISSN 2248-9614. © 2025. Asian Congress of Neurological Surgeons. All rights reserved. 24th June 2025</p>	<p>Department of Emergency Medicine,</p>	<p>Asian J Neurosurg PUBMED</p>	

4	Impact of Simulation Based Learning on Knowledge and Skills Among Medical Students Undergoing Competency Based Medical Education	Devendra Prasad KJ , Rajesh K , Krisna Moorthy DGSR , Nikhil Reddy Y , Aravind S R	(July 25, 2025) 17(7): e88749. DOI 10.7759/cureus.88749	Emergency Medicine, Sri Devaraj Urs Medical College, Kolar, IND	Cureus PUBMED
5	Comparative evaluation of rapid emergency medicine score (REMS) and emergency trauma score (EMTRAS) against traditional trauma scoring systems—namely the injury severity score (ISS), new injury severity score (NISS), revised trauma score (RTS), and trauma and injury severity score (TRISS) in predicting trauma outcomes	D. G. S. R. Krishna Moorthy, K. Rajesh, K. J. Devendra Prasad	Int J Crit Illn Inj Sci 2025; 15:101-7.	Emergency Medicine, Sri Devaraj Urs Medical College, Kolar	SCOPUS

Department of Emergency Medicine

List of books and Chapter in Books

- Year 2021: Total No. of books and book chapters: 01 book and 01 book chapter
- Year 2024: Total No. of books and book chapters: 01 book
- Year 2025: Total No. of books and book chapter: 01 book

2021 Books and Book chapter					
1	Outcome Prediction in Elderly Trauma victims Based on Anatomical (ISS, NISS), Physiological (RTS) and Combined (TRISS) Trauma Scoring Systems.	Moorthy, K.	New Frontiers in Medicine and Medical Research Vol. 15 ISBN 978-93-91882-56-3 (Print) ISBN 978-93-91882-63-1 (eBook) DOI: 10.9734/bpi/nfmmr/v15 6 September 2021	Department of Emergency Medicine	Book chapter
2	Traumatic Brain Injury and Survival chances in Elderly: Prediction of Outcome based on TRISS, IMPACT and CRASH Prognostic Models in Moderate-to-Severe TBI in Elderly	Krishna Moorthy DGSR (Author)	LAP LAMBERT Academic Publishing (December 28, 2021) ISBN-10 : 6204732854 ISBN-13 : 978-6204732855	Department of Emergency Medicine	Book
2024 Books and Book chapter					
3	Shock indices as prognostic indicators among sepsis and septic shock patient with & without comorbidities presenting to Emergency Department	Devendra Prasad	ISBN:NO:9786207805754 June-2024	Department of Emergency Medicine	Book
2025 Books and Book chapter					
04	Story of Sepsis	Devendra Prasad	SBN 978-93-49238-75-6 (Print) ISBN 978-93-49238-67-1 (eBook) DOI: https://doi.org/10.9734/bpi/mono/978-93-49238-75-6 2025-january	Department of Emergency Medicine	Book
05	Tramadol Withdrawal Manifesting as Torticollic Crisis: A Case Report on Acute Dystonia	D. G. S. R. Krishnamoorthy,	Publication Year: 2025 Pages: 190 Paperback ISBN: 978-93-5834-670-1 EBook ISBN: 978-93-5834-155-3 Book DOI: https://doi.org/10.62778/int.book.540	Department of Emergency Medicine	Book chapter

Sl.No.	Name of the faculty	No. of Books	No. of Book chapters
1	Dr. Krishna Moorthy DGSR	01	02
2	Dr. Devendra Prasad K .J	02	--
	Total	03	02