

## Dr. PV. Sai Saran

**Qualifications:** MD, DM, IDCCM, EDIC

### **Honors and Awards:**

- “Young Researcher award” at 30<sup>th</sup> annual conference of Indian Society of Critical Care Medicine:CRITICARE 2024, Kolkata, INDIA
- “Young Intensivist award” of the year 2023 by UP-UK CRITICON ISCCM for valuable contribution in the field of Critical Care Medicine
- “Prof. SS Agarwal award for excellence in Research” for the year 2019 at 25<sup>th</sup> convocation at SGPGIMS held in January 2021
- “*Best Senior Resident*” DM for the year 2017, for academic excellence at SGPGIMS, Lucknow
- *Education Grant Award* for poster presentation at 4<sup>th</sup> SG-ANZICS Intensive Care Forum 2017, Singapore.

### **PUBLICATIONS:**

- **Saran S**, Rao NS, Misra S, Siddiqui SS, Agrawal A, Lohiya A, Gurjar M, Mishra P, Muzaffar SN. Effect of Change in Sodium after Slow Low-Efficiency Dialysis in Critically Ill Patients with Acute Kidney Injury. *Blood Purif.* 2024 Sep 5:1-12. doi: 10.1159/000541210. Epub ahead of print. PMID: 39236678.
- Singhal S, Gurjar M, Sahoo JN, **Saran S**, et al. Aerosol drug therapy in critically ill patients (Aero-in-ICU study): A multicentre prospective observational cohort study: AERO-ICU study *Lung India* 2024; 41:200-8. DOI: 10.4103/lungindia.lungindia\_580\_23
- Siddiqui SS, Saxena S, Agrawal S, Lohiya. A, Muzaffar SN, **Saran S\***, Misra S, Rai N, Agrawal A. The impact of a “short term” basic intensive care training program on the knowledge of non-intensivist doctors during the COVID-19 pandemic: An experience from a population-dense low- and middle-income country. *Aust Crit Care.* 2022 Aug 25. doi: 10.1016/j.aucc.2022.08.004. Epub ahead of print. PMCID: PMC9404177.
- V. Sundarsingh, B. Poddar, **S. Saran**, S.K. Jena, A. Azim, M. Gurjar, R.K. Singh, A.K. Baronia. Glucometrics in the first week of critical illness and its association with mortality. *MedicinaIntensiva* 2022; 47(6):326-337.DOI: [10.1016/j.j.medine.2022.06.025](https://doi.org/10.1016/j.j.medine.2022.06.025)
- **Saran S**, Gurjar M, KanaujiaV , Ghosh PS, Gupta A, Azim A, Mishra P, Baronia AK, Poddar B, Singh R.Effect of prone positioning on intraocular pressure in patients with acute respiratory distress syndrome. *Crit Care Med* 2019;47(9):e761-e766. PMID:31305498. doi:[10.1097/CCM.0000000000003893](https://doi.org/10.1097/CCM.0000000000003893).
- **Saran S**, Gurjar M, Azim A, Mishra P, Ghosh PS, Baronia AK, Poddar B, Singh RK. Trans-Esophageal Doppler Assessment of Acute Hemodynamic Changes Due to Prone Positioning in Acute Respiratory Distress Syndrome Patients. *Shock* 2019 ;52(4):e39-e44. PMID:30475331. doi:[10.1097/SHK.0000000000001290](https://doi.org/10.1097/SHK.0000000000001290).
- Ghosh PS, Azim A, **Saran S**, Baronia AK, Poddar B, Singh RK, et al. Comparison of hemodynamic monitoring between transesophageal Doppler and ultrasonography-guided inferior vena cava distensibility

in supine versus prone position: A pilot study. *Indian J Crit Care Med* 2018;22:836-41.

PMID: [30662221](#);doi: [10.4103/ijccm.IJCCM\\_432\\_18](#).

- Ghosh PS, Singh H, Azim A, Agarwal V, Chaturvedi S, **Saran S**, et al. Correlation of neutrophil CD64 with clinical profile and outcome of sepsis patients during intensive care unit stay. *Indian J Crit Care Med* 2018;22:569-74. PMID: [30186006](#); doi: [10.4103/ijccm.IJCCM\\_228\\_18](#).
- Singh RK, **Saran S**, Baronia AK. The practice of tracheostomy decannulation-a systematic review. *J Intensive Care*. 2017 Jun 20;5:38. PMID: [28649385](#); doi: [10.1186/s40560-017-0234-z](#).
- **Saran S**, Misra S, Siddiqui SS, Agrawal A, Gurjar M, Patwa AK, Muzaffar SN. Fulminant acute fatty liver of pregnancy presenting with multi-organ failure: A case series. *Int J Crit IllnInj Sci*. 2022 Oct-Dec;12(4):239-243. doi: [10.4103/ijciis.ijciis\\_31\\_22](#). Epub 2022 Dec 26. PMID: [36779214](#); PMCID: [PMC9910109](#)..
- **Saran S**, Gurjar M, Baronia A, Lohiya A, Azim A, Poddar B, Rao NS. Personal Protective Equipment during COVID-19 Pandemic: A Narrative Review on Technical Aspects. *Exp Rev Med Devices* 2020 <https://doi.org/10.1080/17434440.2020.1852079>. PMID: [33203245](#)
- **Saran S**, Gurjar M, Baronia A, Sivapurapu V, Ghosh PS, Raju GM, Maurya I. Heating, ventilation and air conditioning (HVAC) in intensive care unit. *Crit Care* 2020; 24:194. doi:[10.1186/s13054-020-02907-5](#). PMID: [32375844](#)
- **Saran S**, Rao SN, Azim A. Diagnosing catheter associated urinary tract infection in critically ill patients: Do the guidelines help? *Indian J Crit Care Med* 2018;22:357-60. PMID: [29910547](#);doi:[10.4103/ijccm.IJCCM\\_434\\_17](#).
- **Saran S**, Rao NS, Azim A. New and promising anti-bacterials: Can this promise be sustained? *J Anaesthesiol Clin Pharmacol*2020;36:13-9. PMID: [32174651](#). DOI:[10.4103/joacp.JOACP\\_113\\_19](#).
- **Saran S**, Gurjar M. Brain cross talk with other organs in critically ill. *J Neuro Anaesthesiol Crit Care* 2019;06(03): 299-304. doi :[10.1055/s-0039-3399474](#).
- **Saran S**, Rao NS, Azim A. Drug Dosing in Critically Ill Patients with Acute Kidney Injury and on Renal Replacement Therapy. *Ind J Crit Care Med* 2020; PMID: [32704220](#)
- **Saran S**, Garg A, Gurjar M. Identifying and implementing strategies to reduce the risk of self-contamination of healthcare workers caused by doffing of PPE during COVID-19 pandemic. *Disaster Med Public Health Prep*. 2020;1-12. doi: [10.1017/dmp.2020.396](#).PMID: [33087198](#).
- **Saran S**, Gurjar M, Azim A, Maurya I. Role of structural risk factors in the prevention of hospital acquired infections in Intensive care unit. *HERD* 2020;14(2):328-336. PMID: [33353423](#)
- Misra S, Rai N, Kumar S, **Saran S**. Approach to new-onset facial nerve palsy in a critically ill patient. *Int J Crit Ill Injury Sci* 2022. doi:[10.4103/ijciis.ijciis\\_94\\_21](#).
- **Saran S**, Preethi A, Jamuda BK, Agrawal A. Utility of Point-of-Care Ultrasound (POCUS) for predicting risk of magnesium toxicity in critically ill pre-eclamptic patients. *Indian J Anaesth*. 2021 Oct;65(10):760-762. doi: [10.4103/ija.ija\\_698\\_21](#). PMID: [34898704](#).
- **Saran S**, Singh VS, Panda S, Gurjar M, Pani KC, Borde K, et al. Disseminated pyomyositis due to

Burkholderiacepacia: A case report. Indian J Crit Care Med 2018;22:811-3. PMID: [30598571](#).  
doi: [10.4103/ijccm.IJCCM\\_141\\_18](#).

- **Saran S**, Azim A, Gurjar M. Multidrug-resistant Burkholderiacepacia bacteremia in an immunocompetent adult diagnosed with dengue and scrub coinfection: A rare case report. Int J Crit IllnInj Sci 2018;8:173-5. PMID: [30181976](#); doi: [10.4103/IJCIIS.IJCIIS\\_31\\_18](#).
- **Saran S**, Naranje K, Gurjar M, Bhadauria D, Kaul A, Poddar B. Isolated Renal Mucormycosis in Immunocompetent Children: Report of Two Cases. Indian J Crit Care Med 2017; 21(7);457-459. PMID:28808367; doi:[10.4103/ijccm.IJCCM\\_184\\_17](#).