

A New Era in Trauma Intensive Care

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With immense pride and great enthusiasm, we present the inaugural issue of the *Journal of Trauma Intensive Care STIC*. The journal serves as a platform for disseminating cutting-edge research, innovative clinical practices, and interdisciplinary collaboration to advance trauma care. The establishment of this journal marks a pivotal moment in the field, offering a dedicated platform to address the complexities and challenges of managing critically injured patients.

Trauma remains one of the leading causes of morbidity and mortality worldwide, necessitating a comprehensive approach to patient care. The spectrum of trauma care extends far beyond initial resuscitation, encompassing a continuum that includes pre-hospital management, acute care, intensive care, and long-term rehabilitation. In this context, the intensive care unit (ICU) serves as a critical juncture where the most severely injured patients receive life-saving interventions and meticulous monitoring.

The care of trauma patients in the ICU is inherently multidisciplinary, involving the expertise of anesthesiologists, critical care specialists, trauma surgeons, orthopedic surgeons, and various other healthcare professionals. This collaborative approach is essential for addressing the multifaceted needs of trauma patients, whose conditions often span multiple organ systems. The journal aims to reflect and promote this multidisciplinary character, providing a platform for sharing insights and advancements across these specialties. The specialties that will benefit from this journal include anesthesiology, critical care medicine, emergency medicine, trauma surgery, orthopedics, surgery, neurosurgery, plastic surgery, pediatric surgery, and cardiovascular surgery.

Despite significant advancements in trauma care, substantial gaps in knowledge and practice persist. Variations in clinical protocols, differences in resource availability, and evolving evidence all contribute to the ongoing need for research and education. The *Journal of Trauma Intensive Care STIC* is committed to bridging these gaps by publishing high-quality research, comprehensive reviews, and insightful case studies that will improve clinical practice.

As we launch this inaugural issue, we invite researchers, clinicians, and educators worldwide to contribute their work to the *Journal of Trauma Intensive Care STIC*. We are committed to a rigorous peer-review process that ensures the highest standards of scientific integrity and clinical relevance. Whether through original research, review articles, case reports, or commentary, your contributions will help shape the future of trauma care.

In this inaugural issue, Arshad et al. published a review article describing the current scenario of trauma intensive care in India.¹ The authors describe the changes that have occurred in the management of critically ill trauma patients. There is a paucity of physicians and surgeons with expertise in managing trauma

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patients. The authors emphasized the role and importance of trauma intensivists for the successful management of these patients.

In this issue, Muthu et al. published a case series detailing multi-drug resistant (MDR) bacteria in critically ill patients.² The principal mechanisms for drug resistance include decreased intracellular drug penetration, efflux pump, drug inactivation, and target-site modification.³ The risk factors for MDR bacterial infection include age >65 years, antimicrobial treatment within the past 90 days, dialysis within the past 1 month, hospital admission for ≥2 days in the past 90 days, and immunosuppressive therapy.⁴

The issue also has two case reports. One of the case reports describes neuro-psychiatric symptoms due to cobalt toxicity in a post-operative patient. The serum cobalt levels were several times higher than normal. The symptoms resolved after stopping cobalt-containing medications. The second case reports a rare *Ralstonia pickettii* infection in an immunocompromised patient.

CONCLUSION

The *Journal of Trauma Intensive Care STIC* is more than just a publication; it is a community of professionals dedicated to improving the care of trauma patients. By providing a platform for sharing knowledge, fostering collaboration, and promoting innovation, we aim to make a lasting impact on trauma care. As we embark on this journey, we are excited about the possibilities and look forward to the contributions and insights from our readers and authors.

Together, let us advance the science and practice of trauma intensive care, improving outcomes and quality of life for patients worldwide.

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