



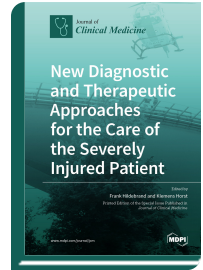
Special Issue Reprint

New Diagnostic and Therapeutic Approaches for the Care of the Severely Injured Patient

www.mdpi.com/books/reprint/3223

Edited by
Frank Hildebrand
Klemens Horst

ISBN 978-3-03943-777-1 (Hardback)
ISBN 978-3-03943-778-8 (PDF)



Trauma represents a leading cause of death, particularly in the younger population. Traumatic brain injury and hemorrhage are the most common causes of early death, whereas complications such as infections, (multi-)organ failure and “persistent inflammation, immunosuppression, and catabolism syndrome” (PICS) represent relevant factors for late adverse outcomes. Pre- and intra-hospital diagnostic and therapeutic standard operating procedures have been shown to beneficially influence posttraumatic outcome. However, development of patient-specific diagnostic and therapeutic strategies remains challenging due to uncertainties regarding the assessment of the individual risk profile. Furthermore, the relevance of prevention and rehabilitation measures to avoid unfavorable long-term consequences of trauma is not fully elucidated. With this Special Issue, we wanted to reflect the current knowledge about the pathomechanisms associated with the impact of severe injury and its consequences for the further clinical course on the one hand, and to point out new insights in regard to diagnostic and therapeutic approaches on the other hand. Furthermore, interesting aspects for future directions for the care of severely injured patients are illustrated.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/3223

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.