



Risk Factors for Complications and In-Hospital Mortality: An Analysis of 19,834 Open Pelvic

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Abstract:

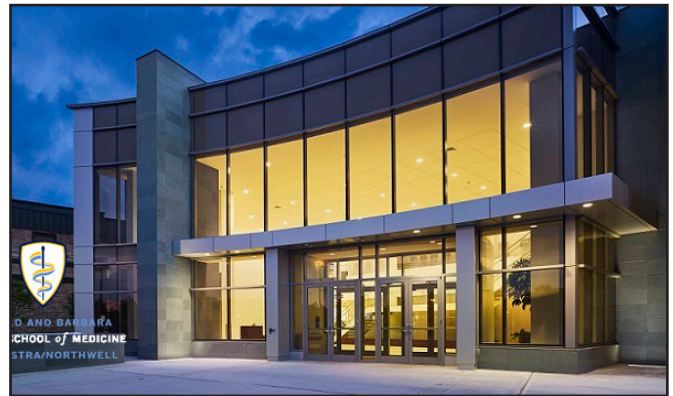
Abstract Introduction: Open pelvic fractures are rare injuries accounting for 2.4% of all pelvic fractures. (1,2) These injuries are associated with high patient morbidity and mortality rates, reported as high as 58%. (3-5) The timing of mortality in open fractures usually demonstrates a bimodal distribution. Early mortality often occurs secondary to exsanguinating haemorrhage within the first 24 hours. (6,7) Late mortality, on the other hand, manifests on average 17 days after the injury and is attributed to sepsis and multiorgan failure.

Biography:

Dr. Nicholas Frane is an Orthopaedic Surgery Resident at Zucker School of Medicine at Hofstra/Northwell, Department of Orthopaedic Surgery, Plainview, New York. He is in his fourth year and is planning to pursue fellowship training at The Core Institute at Banner Health University Hospital in Phoenix, Arizona.

Recent Publications:

1. Brenneman, F. D., Katyal, D., Boulanger, B. R., Tile, M., & Redelmeier, D. A. (1997). Long-term outcomes in open pelvic fractures.
2. Grotz, M. R. W., Allami, M. K., Harwood, P., Pape, H. C., Krettek, C., & Giannoudis, P. V. (2005). Open



pelvic fractures: epidemiology,

3. Hermans, E., Edwards, M. J. R., Goslings, J. C., & Biert, J. (2018). Open pelvic fracture: The killing fracture?
4. Maull, K. I., Sachatello, C. R., & Ernst, C. B. (1977). The deep perineal laceration-an injury frequently associated with open pelvic fractures: a need for aggressive surgical management.
5. Perry, J. F. (1980). Pelvic open fractures. *Clinical Orthopaedics and Related Research*, NA;(151), 41-45. <https://doi.org/10.1097/00003086-198009000-00007>

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