

The Use of Regional Blocks Versus IV Opioid Analgesics for Acute Traumatic Pain Management in the Emergency Department

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Abstract : Being under pain is a very distressing factor that it prolongs the healing of any kind of trauma and add to the post traumatic stressful state. Alleviating the pain from acute traumatic conditions like fracture, degloving injury etc will help in faster recovery and also decrease the incidence of post traumatic stress disorder. Most of the emergency departments in INDIA are using IV opioid analgesics to relieve the patient from pain in cases of acute traumatic injuries. None of the Emergency Departments practice regional blocks in the country. In this study, we are comparing the efficacy of Regional Blocks in relieving the pain in lower limb fractures versus the use of IV analgesics for the same in the emergency department. The site of study is Malabar Institute Of Medical Sciences in Calicut in Kerala in India and is a place which receives approximately 10-20 traumatic fracture cases per day. The fracture sites used for the study purpose are femur fracture and phalangeal fractures.

Keywords : regional blocks, IV analgesia, acute traumatic pain, femur fractures, phalanx fractures

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