Ulnary block for Hand Trauma in the E.R

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Background and Aims: The aim is to provide a good ulnary block in the Emergency room for an ambulatory case.

Results: An ulnary bloc proximally to the wrist with a mixture of bupivacaine 0.5%-5ml and lidocaine 2%-5ml provide a good anesthesia and analgesia for suture of the tendon and the skin. No AINS or analgesic were added. EVA score less then 40.

Methods: A 49 years old man presented with a trauma of his left hand . He had a complex wound on his 5th finger with a moderate neurological defect. The tendon of the digital nerve was partially injured. The man had a fully stomach for nearly 3 hours and he refused any hospital's admission for lack of money. So an ulnary bloc was performed proximally to the left wrist under ultra sound vision. Bupivacaine 0.5%-5ml +lidocaine 2%-5ml were given in one syringe . 2 mg of midazolam iv were also given. The surgery went fine without pain or discomfort and the patient was sent home from the Emergency .

Conclusions: Peripheral proximal ulnary bloc can be used in the Emergency for suture or moderate trauma