

CMR Of Fractures / Dislocations

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Closed manipulation and reduction (CMR) is the art of manipulation of the bone without any surgical exposure of the fragments. It is basically carried out to restore a fracture or dislocation to its correct alignment. As the process of reduction can be at times briefly painful and traumatic , it is a common practice to do it under a short acting sedative (e.g. pethidine , valium) and once reduced , the reduction is basically maintained and held by an application of cast or traction (whichever is applicable and as required by the surgeon) . CMR is also carried out under General Anaesthesia for major trauma cases eg fracture tib/fib or dislocation hip etc,. The Assistant Medical Officer (AMO's) and Nurses' role is to assist in this procedure and to be knowledgeable on the various maneuvers that may be required or needed independently in a patient. They should both be aware of the possible complications that can eventually occur and the necessary steps taken to avoid it. Advice and precaution will be relayed upon discharge in the hope that the patient will adhere to it so that rehabilitation and recovery is attained in the quickest of time.

Benefits of a closed reduction is that it helps in a quicker healing , less pain (is debateable) and improves the chances that the limb will look normal upon healing. It also lowers the risk of an infection in the bone. Eventually , if CMR fails the surgeon will opt for any invasive procedure as required .