High cervical versus miniretromandibular and preauricular anteroparotid transmasseteric approaches for condylar fracture repair

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Aim: The aim of this work was to find out the best transmasseteric approach from the three approaches that has been described sporadically in the literature, namely the high cervical, the miniretromandibular, and the preauricular anteroparotid one.

Patients: Sixty patients had extracapsular fracture condyle and associated with malocclusion were classified into three groups A-B & C. Each group included twenty patients repaired through one of the three approaches. The accessibility, the stability of occlusion, the facial nerve condition, the salivary complications and the final esthetics were studied in each group.

Results: The high cervical approach was associated with the best accessibility and the lowest complication rate as compared with other approaches.

Conclusions: It’s advisable to utilize the high cervical approach when dealing with the condylar fractures.

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