Temporomandibular joint ankylosis after condylar dislocation into the middle cranial fossa: A case report

Ankylose temporo-mandibulaire après luxation du condyle dans la fosse cérébrale moyenne : à propos d'un cas

Zamorano, G. M.
Nuñez, L. F.
Alvarez, L. A.
Otayza, F. A.
Fernández, M. A.
Donoso-Hofer, F.

© 2016 Elsevier Masson SAS

Introduction
Dislocation of the mandibular condyle into the middle cranial fossa after a trauma is a rare event. The lack of appropriate treatment can lead to ankylosis of the temporomandibular joint (TMJ). We report about a case of TMJ ankylosis following intracranial dislocation of the mandibular condyle through the roof of the articular fossa. Case report

A 9-year-old patient was referred for a severe limitation of mouth opening that began progressively one year before. A history of chin injury due to an accidental fall was found. Preoperative CT scan showed a TMJ ankylosis on the right side combined with a dislocation of the mandibular condyle into the middle cranial fossa. Treatment consisted in an intracranial resection of the mandibular condyle, partial removal of the ankylosis block and TMJ arthroplasty. Discussion

Our case is the second case of TMJ ankylosis following intracranial dislocation of the mandibular condyle and treated with arthroplasty.