

Hasil Fungsional Operasi ORIF pada Pasien Fraktur Midface di Divisi Bedah Plastik Rumah Sakit Cipto Mangunkusumo Tahun 2009-2014 = Functional Outcome of ORIF Surgery on Midface Fracture Patients in Plastic Surgery Division Cipto Mangunkusumo Hospital from 2009-2014

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Abstrak

[Pendahuluan:

Fraktur yang mengenai midface akan menyebabkan gangguan fungsi baik fungsi mata maupun oklusi. Walaupun angka kejadian fraktur midface cukup tinggi, terdapat gangguan fungsional, dan membutuhkan biaya yang besar untuk tatalaksana menggunakan mini plate dan screw, tidak ada informasi mengenai hasil fungsional setelah tatalaksana fraktur midface.

Metode:

Data mengenai status fungsional pasien dengan fraktur midface sebelum operasi ORIF didapatkan dari data rekam medis dan data setelah operasi ORIF didapatkan dari pemeriksaan objektif dan subjektif. Status fungsional meliputi diplopia, gerakan bola mata, maloklusi, dan gangguan nervus fasialis dan nervus infraorbita.

Hasil:

Semua pasien yang dievaluasi menunjukkan perbaikan status fungsional setelah operasi ORIF.

Kesimpulan:

Pasien dengan fraktur midface yang telah menjalani operasi ORIF di Divisi Bedah Plastik Rumah Sakit Cipto Mangunkusumo menunjukkan adanya perbaikan pada diplopia, gerakan bola mata, oklusi, dan fungsi nervus fasialis dan infraorbita pada evaluasi jangka panjang.;

Background: Fractures involving the midface present more challenges due to the impairment on function both occlusion and visual function. In spite of the high number of occurrence, high impact to the impairment on function, and high cost in the treatment due to relatively expensive hardware required (mini plate and screw), there is inadequate information about the outcome after treating midface fracture.

Methods:

Data on functional status of patients with midface fracture before ORIF surgery collected from medical records and data after ORIF surgery gathered objectively and subjectively. Functional status including diplopia, eye motility, cranial facial nerve impairment, infraorbita nerve impairment and malocclusion.

Results:

All of the patients that have been evaluated was showing improvement in total functional status after treatment with ORIF surgery.

Conclusion:

Midface fracture patients underwent ORIF surgery in Plastic Surgery Division, Cipto Mangunkusumo hospital, resulted in the recovery of eye motility function, diplopia, malocclusion and facial and infraorbital nerve impairment at longterm evaluation.,

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