

## **Orthognathic surgery before the end of growth : Delaire's principles**

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In some cases the surgeon may consider the surgery before the end of growth : severe dysmorphosis, in case of important functional, aesthetic or social issues.

In order to evaluate the advantages of orthognathic procedures before the end of growth we present this retrospective study.

We have evaluated our patients operated early : less than 16 years old at the time of surgery for female patients and less than 18 years old for male patients. The surgery was or bimaxillary or monomaxillary surgery (high sagittal split of the mandible or Le Fort 1 osteotomy). We have analyzed the sex ratio, the age at the time of surgery and the need of secondary surgery.

The mean age in the female group was 15 years, in the male group it was 17 years. The youngest girl was 11 years old, the youngest boy was 12 years old. We had to do less than 5% of secondary surgeries after a Delaire's analysis at the end of growth.