

# THE CLEARANCE OF THE ROBIN VITAL CONFLUENT WITH KLAMMT OPEN ACTIVATOR

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KEYWORDS: Mouth Breathing. Obstructive Sleep Apnea Syndrome. Early Treatment

**INTRODUCTION:** Highlight the action of the KLAMMT ELASTIC OPEN ACTIVATOR in the treatment of patients with mouth breathing and malocclusion and rescue concepts of Pierre Robin in the Oronasopharyngeal region, confluent vital functional.

## ANATOMICAL LIMITS OF VITAL CONFLUENT:

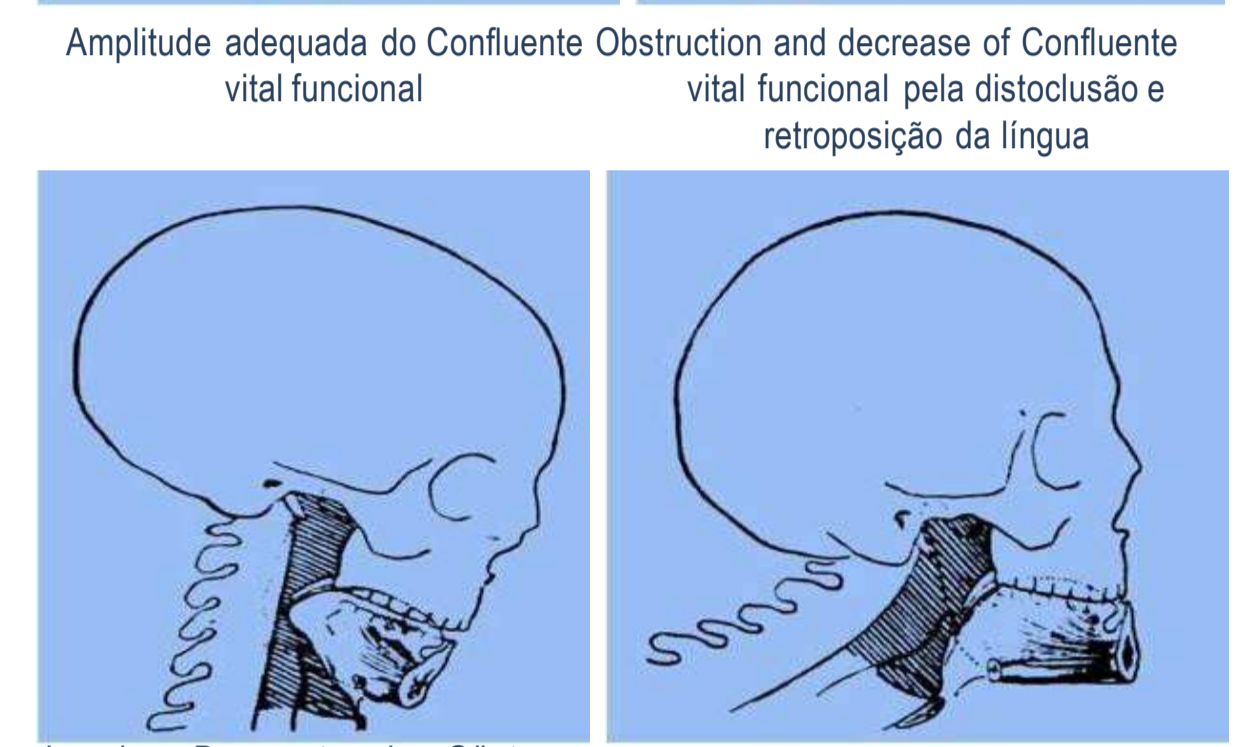
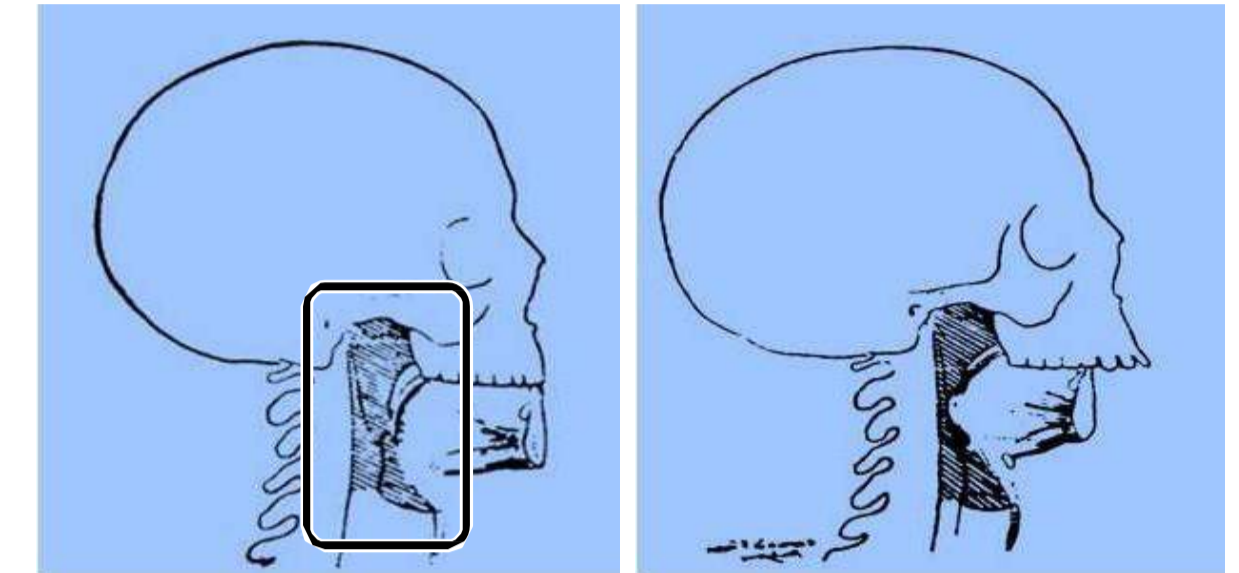
Robin anatomically described the functional confluent limited by four bone structures, two fixed and two with relative mobility. This mobility allows the variation of the shape and volume of the oral cavity and involves the nasal fossa, nasopharynx, oropharynx and laryngopharynx.

- Upper Antero: maxilla
- Upper Postero: skull Base
- Inferior Antero: mandible
- Inferior postero: cervical spine

Functional vital confluent: respiratory and digestive tract intersection



Pierre Robin Functional Confluent: Action of dental occlusion and head position

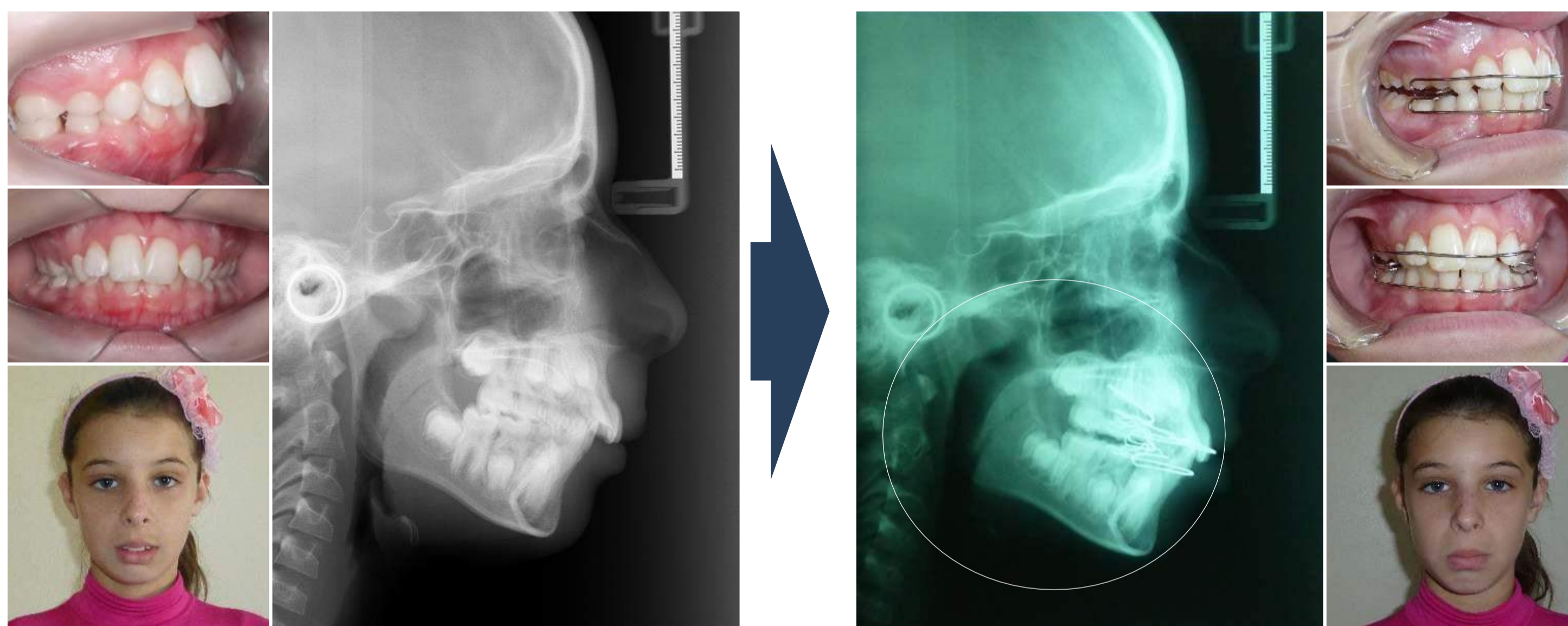


Obstruction and decreased confluento vital function by Head Flex Position  
Torres, R.: Biology of the mouth. Ed. Panamericana, Buenos Aires, Argentina

**DISCUSSION:** "Glossoptose is a grave danger to our children."  
Pierre Robin, Paris, 1927

## FUNCTIONAL ORTHOPEDIC APPARATUS PLACEMENT WITH MPT

KLAMMT Elastic Open Activator-AEA-it is a functional orthopedic device with bimaxillary action developed by GEORG KLAMMT. It plays an important role in the treatment of patients with mouth breathing, respiratory diseases, OSAS and obstructions in the Oronasopharynx.



NEW MORPHOLOGIC PATTERN ⇒ NEW FUNCTIONAL STANDARD⇒ IMMEDIATE LIP SEALING

In this aspect there is a great contribution of OFM in the multidisciplinary treatment of mouth breathing and its organic repercussions

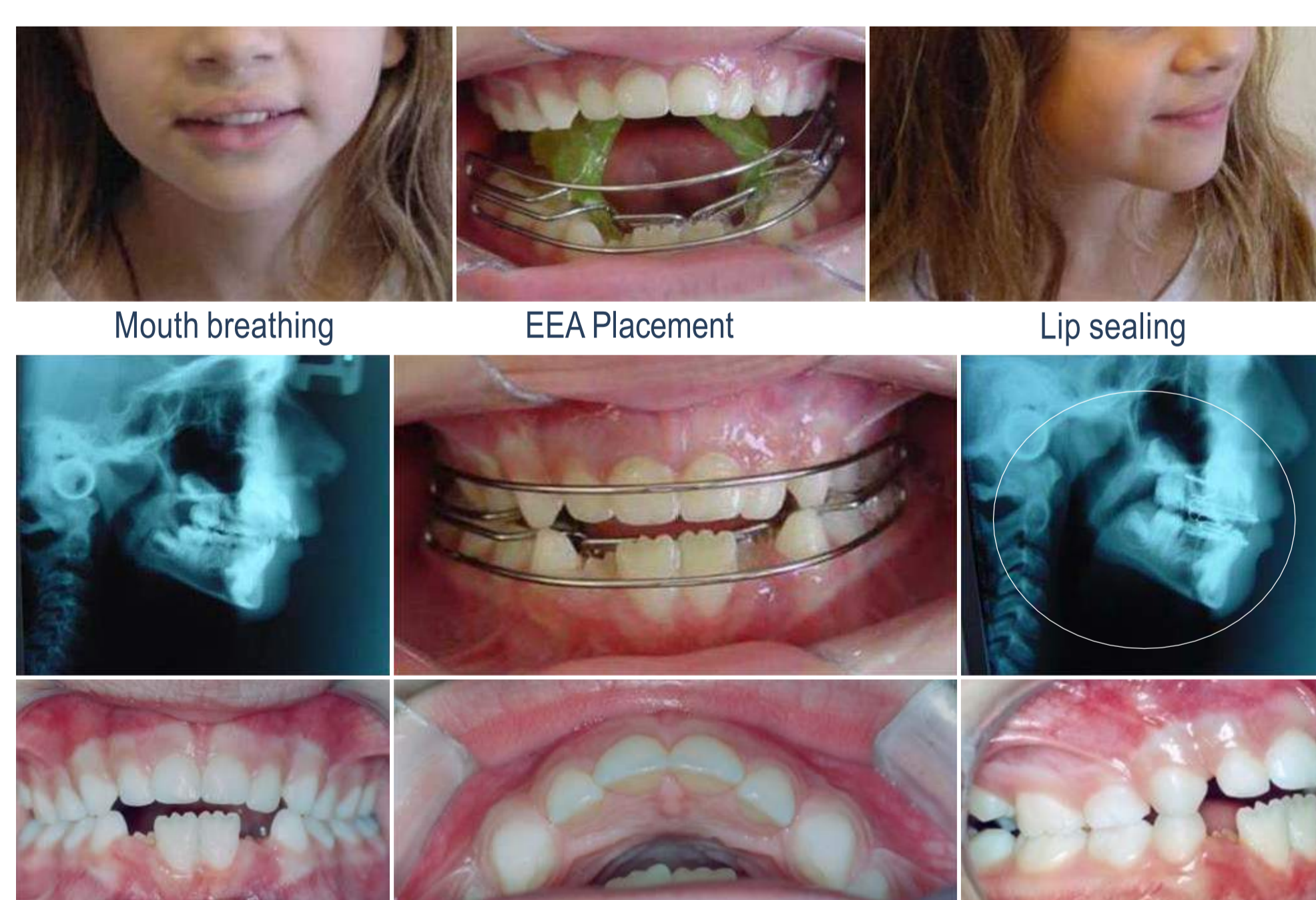


**OBJECTIVES:** "The FJO seeks and studies the biological dynamics that enables the organism self-realization by creating natural responses thus ensuring its formative and reorganization power." Wilhelm Balters

## RESULTS:

CLINICAL CASE: 06 Years

Mouth breathing, allergic rhinitis, sinusitis, frequent tonsillitis, restless sleep, little appetite.



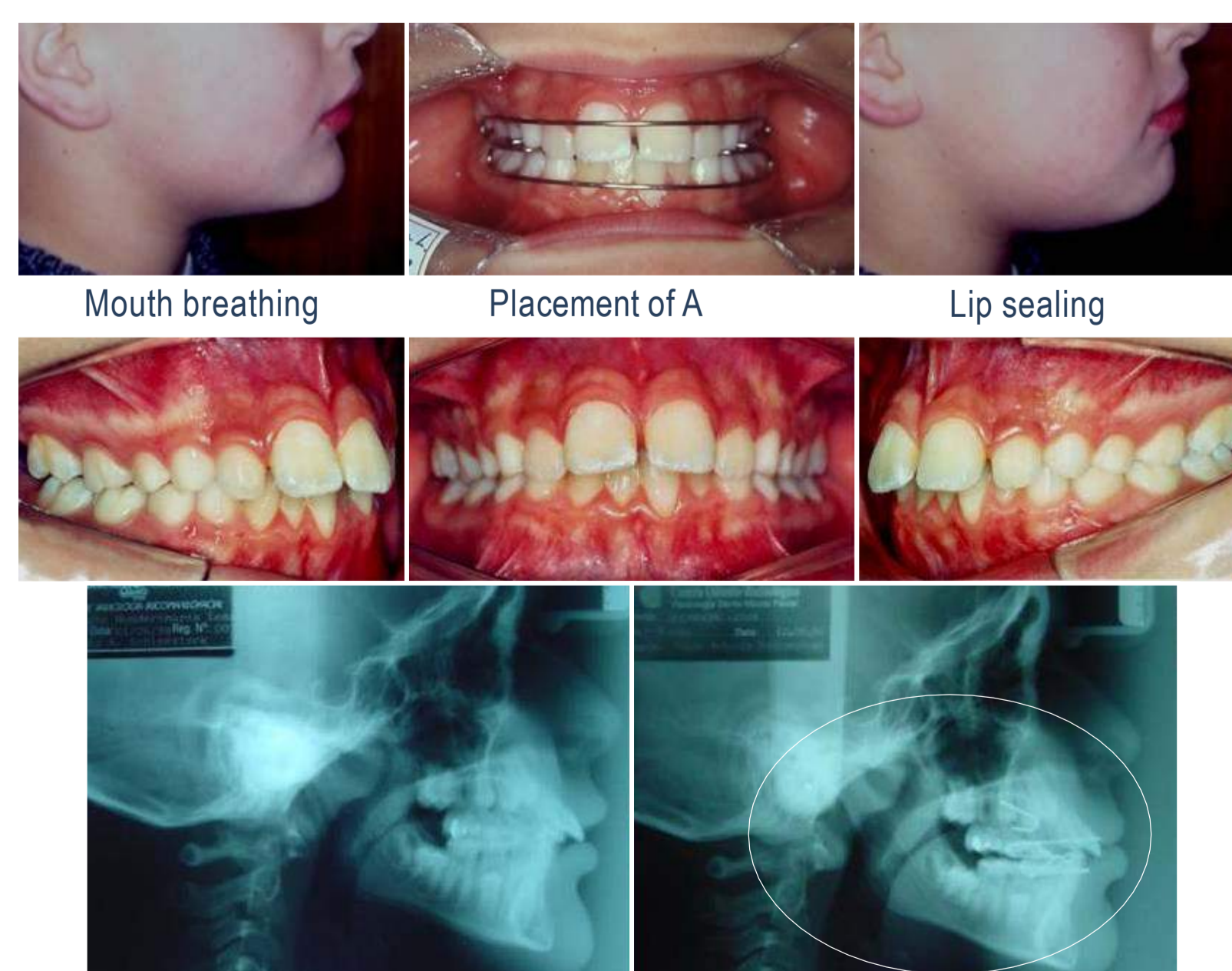
Evaluation of vital confluento, dental occlusion and facial structure during and after the active part is finished



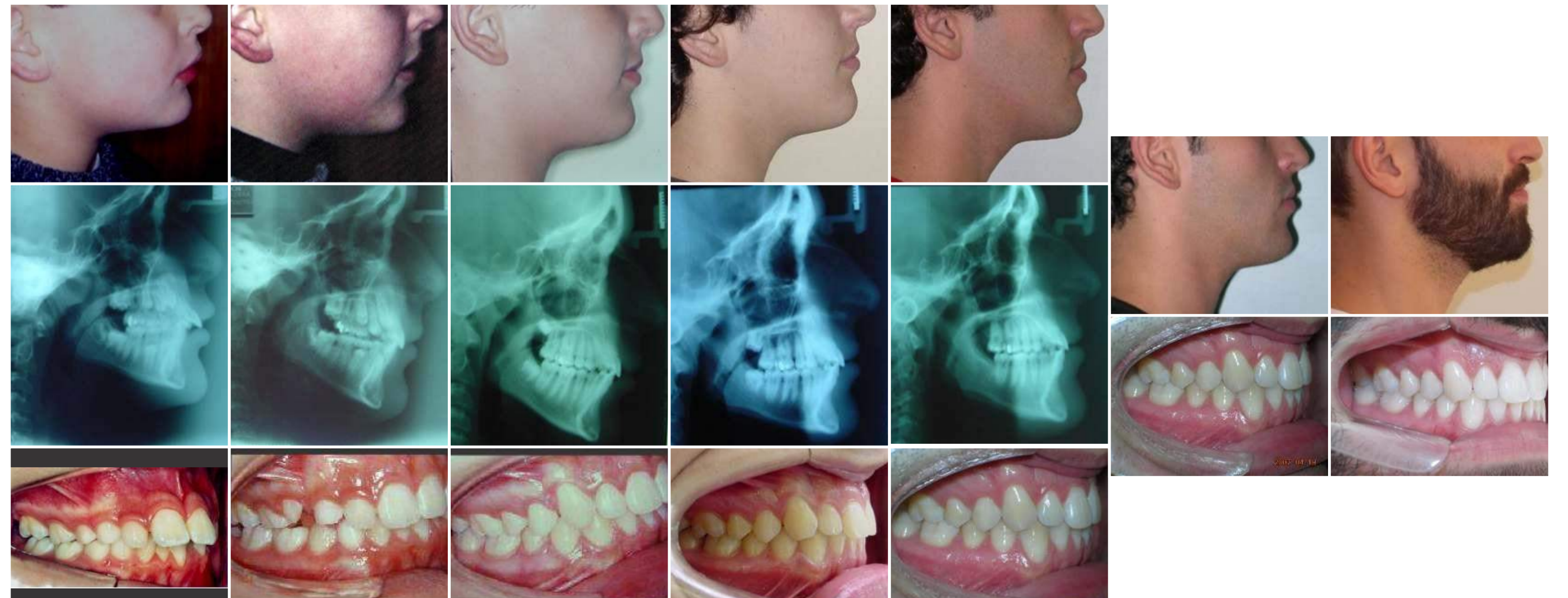
The AEA inserted into the fundamental principles of functional orthopedics:  
• Neural excitement  
• Posture change  
• Therapeutic Posture Change (MPT)

CLINICAL CASE: 09 Years

Mouth breathing, allergic rhinitis, sinusitis, pharyngitis, frequent cough



Evaluation of vital confluento, dental occlusion and facial structure during treatment and 13 years after the active part was completed



**CONCLUSION:** We show how the concepts of P. Robin on Glossoptosis and the Functional Vital Confluent, even disclosed at the beginning of the last century, remain current and applicable in the treatment of dysfunctions in the respiratory system and OSAHS. We also highlight the AEA in the early treatment of malocclusions and in the clearance of the Confluent Vital functional.

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