



Especialização em  
DIFICULDADES ALIMENTARES NEOPEDIÁTRICAS

2023/2024

**UC 4 – INTERVENÇÃO NAS DIFICULDADES ALIMENTARES NEOPEDIÁTRICAS**

Módulo 18: Perturbações miofuncionais orais e dificuldade alimentar pediátrica

**Docente: Terapeuta da Fala Dr.ª Inês Mendes**

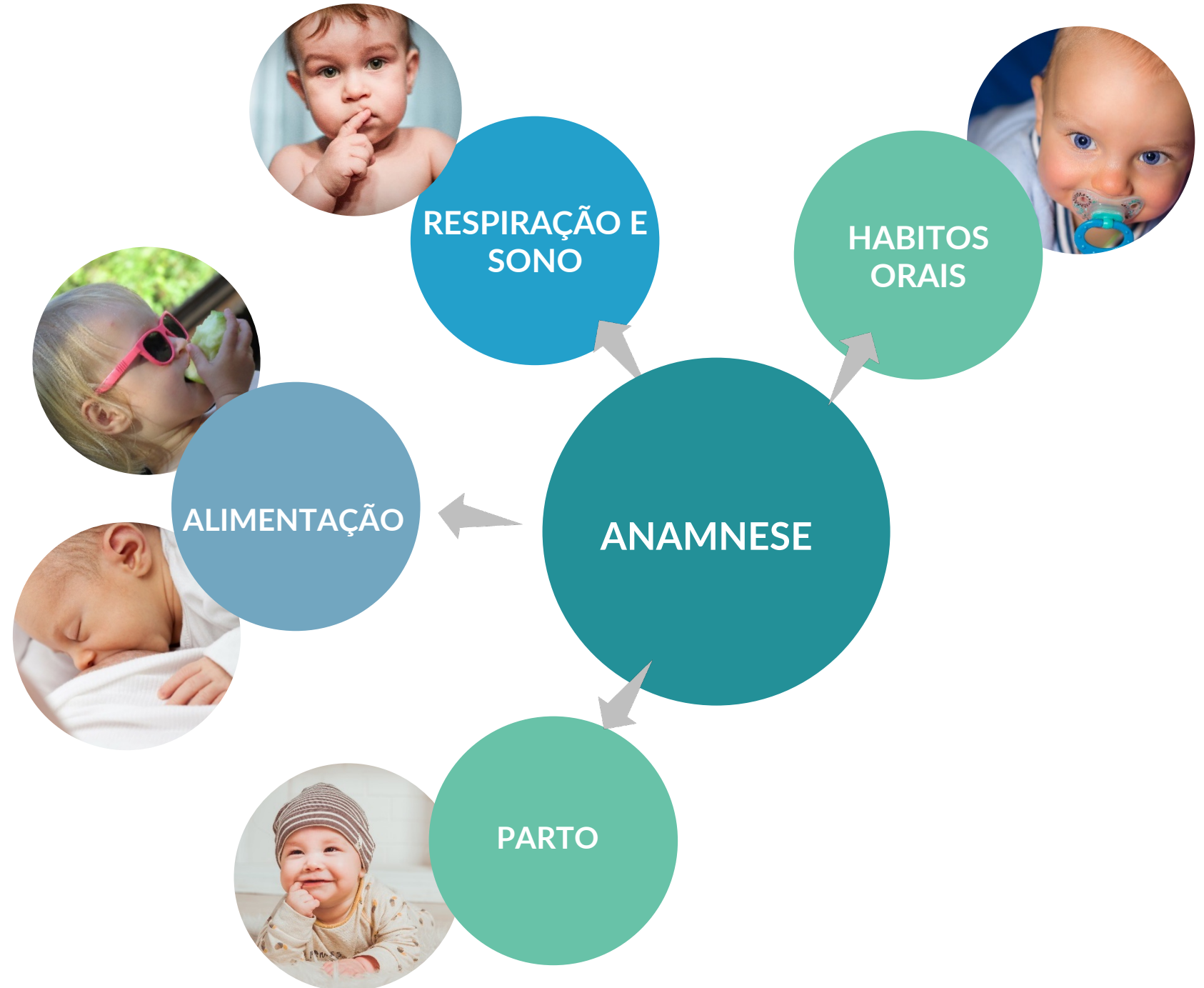
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# ANAMNESE

1



# ANAMNESE



# EXAME

## 2



Prevention is about anticipating and influencing the child's development, following it up and, whenever necessary, intervene before the establishment of the malocclusion, allowing that child to have a normal bone development.

Ph. D Wilma Simões



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## Protocol of orofacial myofunctional evaluation with scores

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### KEYWORDS

Orofacial myofunctional evaluation;  
Stomatognathic system;  
Mobility;  
Respiration;  
Mastication and deglutition;  
Scales evaluation;  
Orofacial myofunctional disorders

### Summary

**Objective:** In the literature there is no validated instrument for the clinical evaluation of the orofacial myofunctional condition of children that will permit the examiner to express numerically his perception of the characteristics and behaviors observed. The proposal of this study is to describe a protocol for the evaluation of children aged 6–12 years in order to establish relations between the orofacial myofunctional conditions and numerical scales. The protocol validity, reliability of the examiners and agreement between them was analyzed.

**Methods:** Eighty children aged 6–12 years participated in the study. All were evaluated and 30 were selected at random for the analyses (age range: 72–149 months, mean = 103.3, S.D. = 23.57). Individuals with and without orofacial myofunctional disorders were included. The examiners were two speech therapists properly calibrated in orofacial myofunctional evaluation. Two protocols were constructed. One, based on traditional models, was called traditional orofacial myofunctional evaluation (TOME), and the other, with the addition of numerical scales, was called orofacial myofunctional evaluation with scores (OMES). The clinical conditions included were: appearance, posture and mobility of lips, tongue, cheeks and jaws, respiration, mastication and deglutition. Statistical analysis was performed using the split-half reliability method. Means, standard deviations and the Spearman correlation coefficient were also calculated.

**Results:** There was a statistically significant correlation between the evaluations of 30 children assessed with the TOME and OMES protocols ( $r = 0.85, p < 0.01$ ). The reliability between protocols was 0.92. The test–retest reliability of the OMES instrument was 0.99 and the correlation was 0.98. Reliability between examiners 1 and 2 using the OMES protocol was 0.99, and the correlation was 0.98 ( $p < 0.01$ ).

Postura  
Mobilidade  
Respiração  
Deglutição  
Mastigação  
Articulação

# EXAME

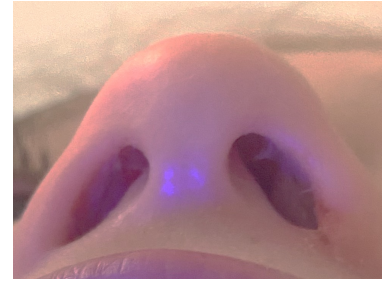
## AVALIAÇÃO POSTURAL CORPORAL E OROFACIAL



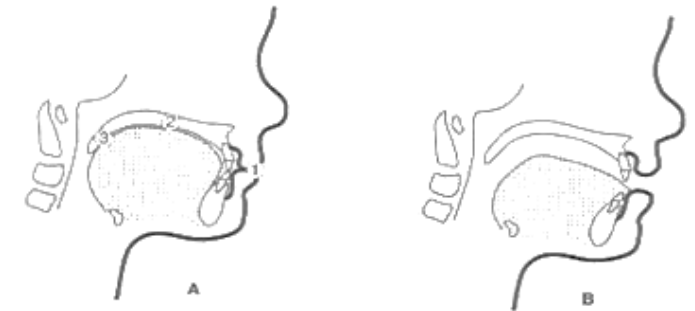
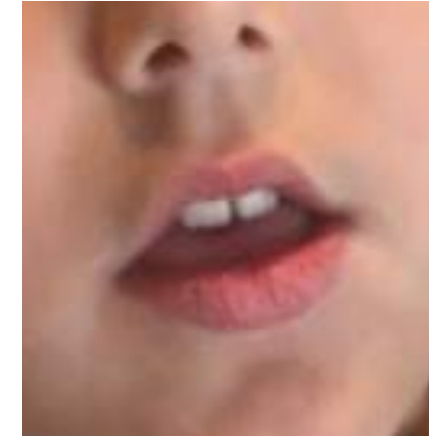
## » Bochechas



## » Narinas



## » Lábios



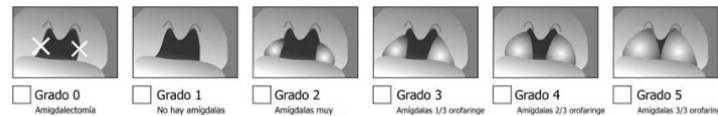
“There is a relationship between breathing and oro-labial musculature, as in cases where mouth breathing causes a short upper lip and marked lip incompetence, preventing their sealing in the resting position.”

Albadalejo, A.; Leonés, A.M. 2004

## » Palato



## » Amígdalas



## » Língua




The inadequate position of tongue replacement is much more harmful than the action exerted on swallowing or pathological phonation  
 Albadalejo, A.; Leonés, A.M. 2004



## » Dentição | Oclusão



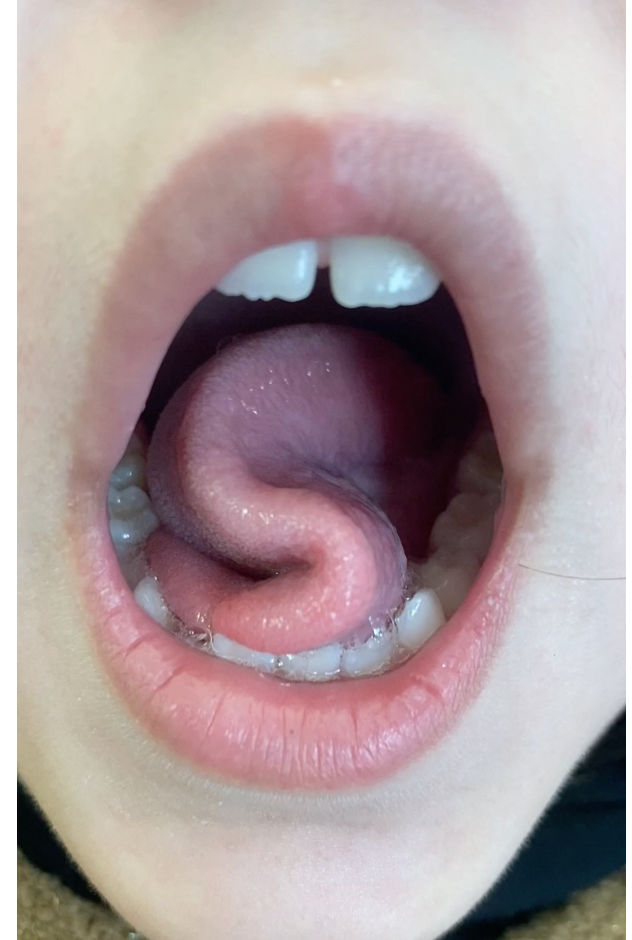
 Intra-oral photographs



# EXAME



## MOBILIDADE



## FUNÇÕES

# Respiração

# EXAME

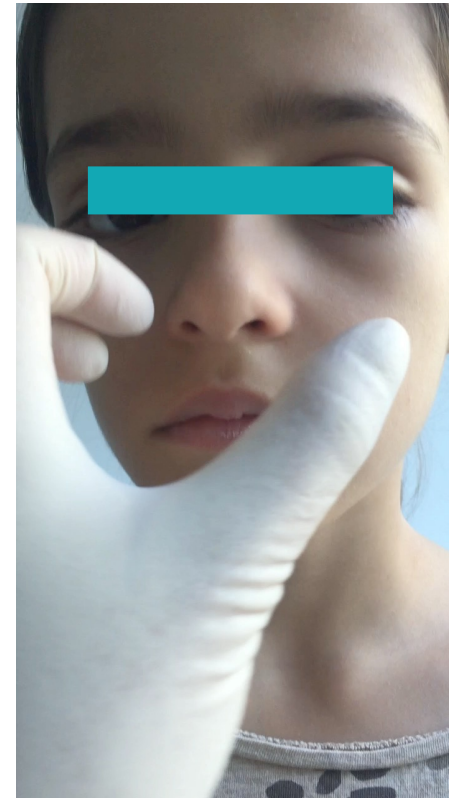
» Permeabilidade nasal



» Competência velo-faríngea



» Reflexo de Godin



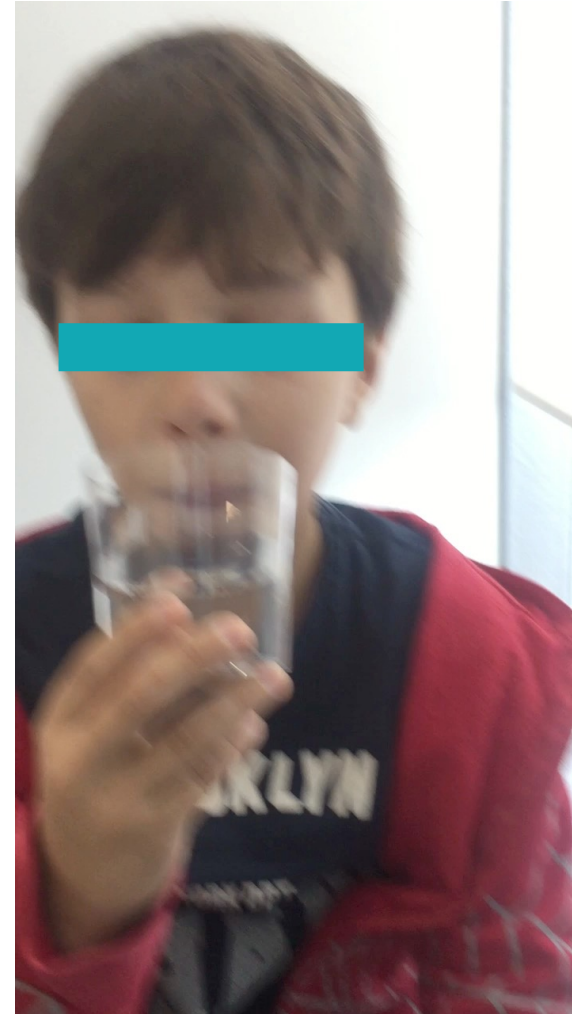
» Prova Rosenthal



## FUNÇÕES

# Deglutição

- Comportamento dos lábios
- Comportamento da língua
- Comportamentos associados
- Projeção da cabeça
- Contração da musculatura perioral
- Número de deglutições



# EXAME

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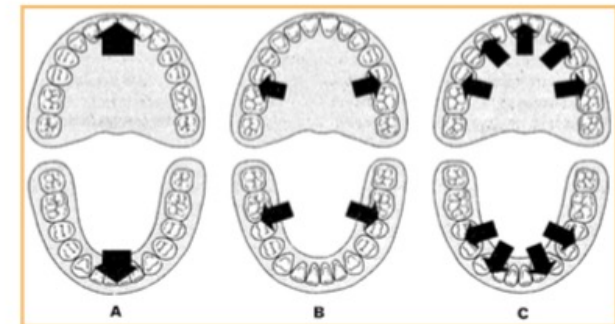
## FUNÇÕES

# Deglutição



### Incorrect swallowing patterns

Garliner D., Myofunktionelle Therapie in der Praxis, Munich, 1989



## DEGLUTIÇÃO

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É uma sequência reflexa de contrações musculares ordenadas

- » Estabilidade mandibular
- » Pressão intraoral
- » Movimentos da língua



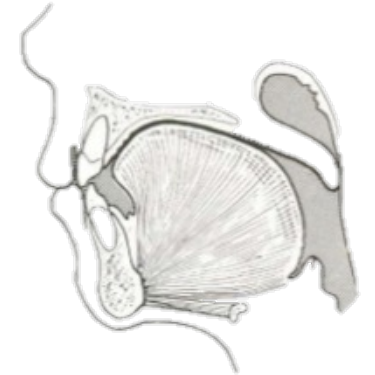
## DEGLUTIÇÃO INFANTIL

- » Interposição da língua entre as arcadas
- » Contração da musculatura perioral (especialmente o bucinador)
- » Presença de mímicas faciais



## DEGLUTIÇÃO MADURA

- » A ponta da língua apoia-se no palato duro
- » Dentes em oclusão cêntrica
- » Oclusão labial passiva
- » Mandíbula estabilizada
- » Ausência de mímicas periorais



DEGLUTIÇÃO

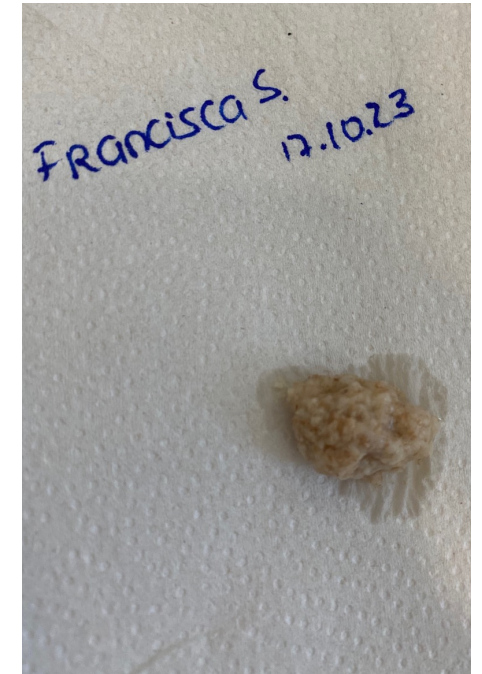
## FUNÇÕES

# Mastigação

- Mordida
- Tipo
- Comportamentos associados
- Escape de alimento
- Ruído
- Tempo
- Eliminação dos resíduos dos vestibulo
- Pulverização



## EXAME





## FUNÇÕES

# Fala



# EXAME

# EXAMES COMPLEMENTARES DE DIAGNÓSTICO

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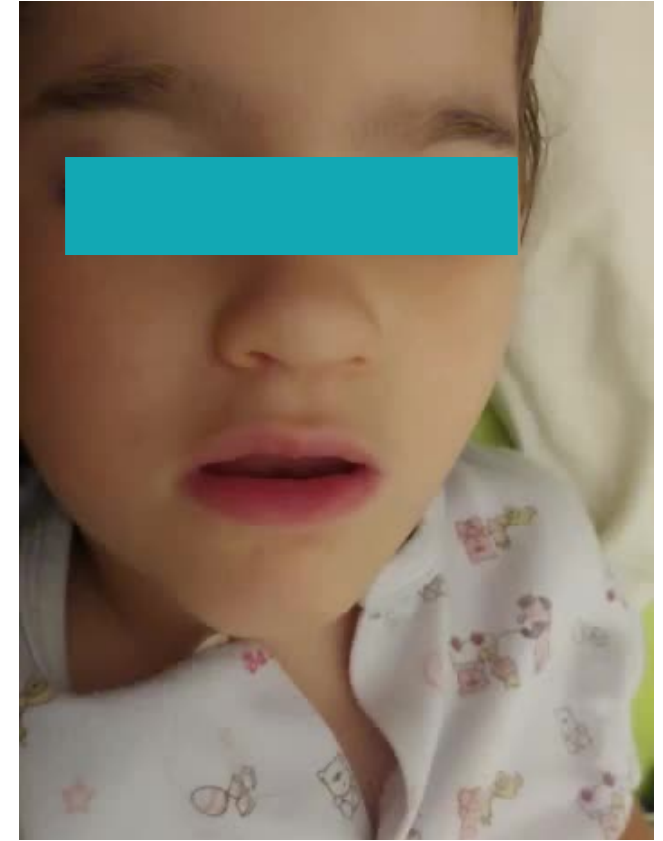
## AVALIAÇÃO RADIOLÓGICA



## VIDEOS COMPLEMENTARES DE DIAGNÓSTICO

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### Videos complementares pedidos aos educadores



# OBRIGADA



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