

# Rehabilitation of deglutition and nasal breathing by anoetic network, the underpinning principles of myofunctional therapy in practice

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Research

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Abstract:

Evaluation of the effectiveness of an anoetic network protocol for rehabilitation of swallowing and nasal breathing.

STUDY

The swallowing re-education protocol lasted 10 weeks and involved a passive neuromuscular rehabilitation device: Froggymouth, 15 minutes per day in front of a TV. It modifies the patient's proprioceptive stimulus and involves the biochemical link between neurons. The glial cells are involved in the interconnections of the different oro-facial neuronal networks.

48 patients between 5 and 16 yo were selected, all of them diagnosed with atypical swallowing. After 10 weeks of treatment, secondary deglutition was obtained for 80% of the patients including 60% automatization and "a significant decrease in the percentage value of the oral ventilation flow".

Study by Dr Cornut.

CONCLUSION

Anoetic rehabilitation with Froggymouth is a non restrictive approach that has shown significant results: improving nasal breathing and swallowing rehabilitation in 10 weeks.