Doctors' Program: 9th IOC Residents Forum (Case Report) 2
Growth and development



# DPRF-CR2-1
## ANOETIC* PHILOSPHY SERVING SWALLOWING AND NASAL BREATHING REHABILITATION

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Orofacial praxis rehabilitation techniques have been put into question by practicioners, quite rightly, because of a high rate of failure and treatment complexity.

This abstract offers a new philosophy that has delivered clinical results : an anoetic* rehabilitation.
*anoetic rehabilitation is a non-restrictive technique (15 minutes per day, associated with pleasure and during a few weeks only) that does not require cerebral participation.

aim

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

subject

48 patients from 5 to 16 had been included in the study. They all have been diagnosed with atypical swallowing. The swallowing reeducation protocol was held over 10 weeks and involved a passive neuromuscular rehabilitation device (Froggymouth 15 minutes per day in front of the tv).

This technique relies on a bottom-up approach device which modifies the patient's proprioceptive stimulis and the biochemical link beetween neurons and create a connexionist link beetween neuronal networks.

The first medical exam is T0, next consultations are held after 5 weeks (T1) and 10 weeks for final evaluation (T2).

Under supervision of University de Lille, France
Statistical analysis by SAS Institute Inc
Swallowing clinical diagnosis by Docteur John Faes

results

Swallowing rehabilitation has increased by 80 points including 60 points totally automatized in 10 weeks.

conclusion

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Anoetic rehabilitation is a non-restrictive approach that has shown efficiency in 10 weeks of treatment.
Clinical treatments has shown results even more significant on extrem pathologies (down syndrom, autism, cerebral palsy, narcolepsy ...)

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