

Doctors' Program: 9th IOC Residents Forum  
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Growth and development

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DPRF-CR2-1  
ANOETIC\* PHILOSOPHY SERVING SWALLOWING AND  
NASAL BREATHING REHABILITATION

Patrick A Fellus (WFO, France)

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

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Orofacial praxis rehabilitation techniques have been put into question by practitioners, 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 (Froggy-mouth 15 minutes per day in front of the tv).

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

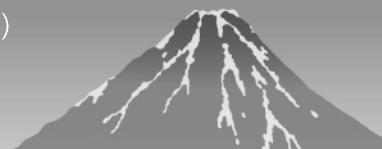
The first medical exam is T0, next consultations are held after 5 weeks (T1) and 10 weeks for final evaluation (T2).

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



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 ...)

