

# ***Myofacial and tongue physiotherapy associated or not with Ankyloglossia surgical treatment has potential to treat ADHD and sleep disorders***

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## ***Abstract***

All ADHD suffering children have sleep disorders. Among them 95% have some degree of sleep apnea. All sleep apnea children have a tongue disfunction related to a lower position, primary swallowing and open mouth breathing. To normalize this disfunction a team approach is necessary and involves the otolaryngologist (check capacity of nose breathing), the orthodontist (widen the maxilla with appliances) and the maxillofacial specialized physiotherapist. We, among others, have developed a training program aimed to retrain children to verticalize the tongue position with or without surgery of the tongue frenulum.

In addition to normalization of the craniofacial growth and teeth positioning, the normalization of sleep has a beneficial effect on the children daily behaviour. We propose here a protocol aimed to identify children who could benefit from this team approach.

## ***Speaker Publications:***

1. Targeting the Hedgehog Pathway Using Itraconazole to Prevent progression of Barrett's Esophagus to Invasive Esophageal Adenocarcinoma; July 2019, Annals of Surgery Publish Ahead of Print:1, DOI:10.1097/SLA.0000000000003455
2. Targeting the hedgehog pathway in esophageal adenocarcinoma (EAC) using Itraconazole; May 2018, Journal of Clinical Oncology 36(15\_suppl):e13552-e13552, DOI: 10.1200/JCO.2018.36.15\_suppl.e13552
3. Improved Pedicle Flap Survival with Hypoxia-Inducible Factor DNA Plasmid; October 2017, Journal of the American College of Surgeons 225(4):S163-S164, DOI: 10.1016/j.jamcollsurg.2017.07.369
4. Therapeutic Polymeric Nanoparticles for Tailored Gene Expression and Improved Wound Healing; October 2017, Journal of the American College of Surgeons 225(4):e171-e172, DOI: 10.1016/j.jamcollsurg.2017.07.994
5. Topical Reformulation of Valsartan for Treatment of Chronic Diabetic Wounds; October 2017, Journal of Investigative Dermatology 138(2), DOI: 10.1016/j.jid.2017.09.030

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## ***Biography:***

Pr. Guy Marti is a maxillofacial surgeon trained in France. He is a founder of CERROF scientific society which develops a multidisciplinary approach to treat maxillofacial development disorders. He is Assistant Professor in the Surgery Department of the Johns Hopkins University School of Medicine. He has published numerous papers related to wound healing and craniofacial rehabilitation

[7<sup>th</sup> International Conference on Depression, Anxiety and Stress Management](#); Barcelona, Spain January 20-21, 2020.

