

**ALIGNERS AND FROGGYMOUTH:
ANTERIOR OPEN BITE**
Dr. Couchat



MICHELLE, 50 YEARS OLD, HAD AN ANTERIOR OPEN BITE AND REFUSED ANY SURGERY. SHE HAD A SIGNIFICANT ANTERIOR OPEN BITE (5MM) FROM CANINE TO CANINE IN A MAXILLARY ENDOALVEOLUS. THESE TWO SIGNS TESTIFY TO THE PATIENT'S LINGUAL DYSFUNCTIONS, AND MORE PARTICULARLY TO AN ATYPICAL SWALLOWING, IN WHICH WE FIND EXCESSIVE CONTRACTION OF THE BUCCINATOR MUSCLES (CAUSING ENDOALVEOLIA) AND A LINGUAL IMPULSE.



THE TREATMENT PLAN WILL THEREFORE CONSIST OF REMOVING THE PATIENT FROM THE DYSMORPHIC-FUNCTIONAL SPIRAL BY SWALLOWING REHABILITATION WITH FROGGYMOUTH AND CORRECTING THE ANTERIOR OPEN BITE BY EGRESSION OF THE INCISORS ASSOCIATED WITH RETRACTION OF THE MANDIBULAR INCISORS, AND INGRESSION OF THE MOLARS.

AT THE END OF TREATMENT, THE PATIENT'S ATYPICAL SWALLOWING IS RE-EDUCATED, AND THE PREVIOUS RECOVERY IS ACCEPTABLE. THE PATIENT STILL HAS A CLASS I OCCLUSION. BONDED WIRES WERE PLACED ON BOTH JAWS AND REGULAR FOLLOW-UP IS REQUIRED TO PREVENT ANY FUNCTIONAL RELAPSE.



FROGGYMOUTH