Dr. Larry Brown’s system of “Esthetic Orthodontics” is used in these early mixed-dentition, non-extraction cases. This system of Esthetic Diagnosis and Treatment Mechanics, combined with the Straight Wire Appliance (SWA) is used as a “fixed functional appliance” in order help eliminate Dysfunctional Habits and then to enact “Growth Modification” so as to change the face.

Case: Boy, Age 12, Dental age 11.5, CLII div I Overjet = 15mm Overbite = 6mm Soft tissue dysfunctions following thumb sucking habit. Use of SWA, NiTi Transpalatal appliance, wires as a “fixed functional appliance”

Beginning:
MAX: 2x5 with Heat activated NiTi transpalatal appliance, 16 HA NiTi wire with molar bend-backs.

After 2.5 months:
MAX: Lip-closure established automatically with the dental changes; place 17x25 NiTi “RCS” wire.
Bite opening while waiting for the teeth to erupt; over-jet reduced.