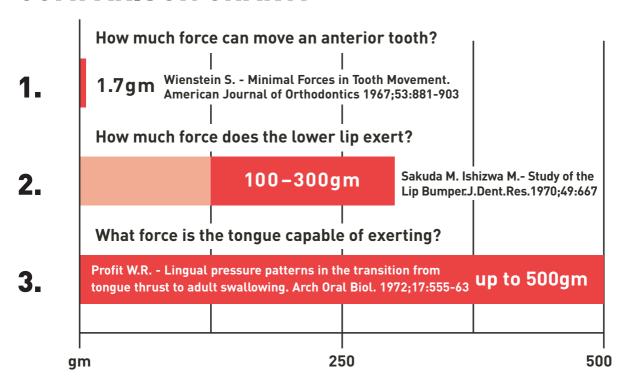
T4K™ The PRE-ORTHODONTIC TRAINER

Treatment for developing malocclusion in children during mixed dentition

MYOFUNCTIONAL FORCES COMPARISON CHART:



- **1.** "Only 1.7gm of lip pressure above the resting values is necessary for moving teeth"
- **2.** "Labial pressure exerted against the lip bumper has been estimated to range between 100gm and 300gm"
- **3.** "Most persons adopt a swallowing patter in which the tip of the tongue is placed in the roughae area and a pressure of roughly 100gm per cm2 is exerted upward and backwards. In aberrant swallow a force of up to 500gm can be exerted against the anterior teeth"

Gibbs found forces during swallowing averaged 66.5 pounds which was substantially higher than 58.7 pounds during the occlusal phase of chewing.