The Quick Fix device for pseudo-Class III

Resolving anterior crossbites with the Quick Fix device

By S. Jay Bowman, DMD, MSD

(This is Part 2 of a two-part series)

The Quick Fix’ device is based on a typical 2 x 4 edgewise appliance and was designed for effective and efficient advancement of the maxillary incisors. The appliance consists of a rectangular stainless-steel arch wire, open coil springs, arch locks and Side Swipe auxiliaries.

Installation of the Quick Fix
Correction of a pseudo-Class III malocclusion in the transitional dentition is initiated by placement of an upper 2 x 4 appliance (e.g., two banded or bonded first molar tubes and pre-adjusted Butterfly Bracket** brackets on the central and lateral incisors).

Leveling and alignment of the incisors using round superelastic wire typically requires two to five months before placing the rectangular wire of the Quick Fix device. Next, Side Swipe auxiliaries are inserted into the molar tubes and may be tied back (Fig. 5). The Side Swipe will permit an additional arch wire length of 4–5 mm without that extra wire extending distal to the molar tube and poking the buccal mucosa of the cheek.

Universal arch locks are placed about 16–17 mm from the midline mark on the right and left side of a .0175-inch x .025-inch stainless-steel arch (Fig. 6).