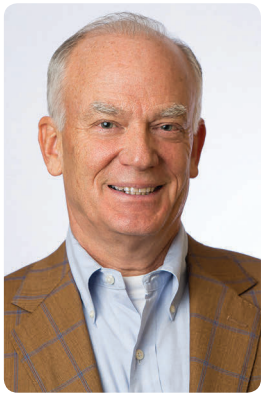
ARCHWIRES
TMA



« Nothing could be more basic to our science than the control of space. Quite simply, in order to align teeth, we are first concerned with making enough space to fit them all in, then we close what is left over after we have aligned them. One can easily picture the orthodontic pioneers wrestling with this problem, much as we do today. The only difference is that we have more options today, options as to techniques, metals, forces and desired side effects. Understanding the uses, limitations, applications and anticipated actions of this wire can only improve its value to any practitioner. For this one wire can offer tremendous efficiency of time and force utilization. »

M. Alan Bagden, DMD —

SPACE CLOSURE IN THE AGE OF " VARIABLE MODULUS " MECHANICS

Ormco helped develop the original Beta Titanium wire more than two decades ago. Over the years, Ormco refined the TMA manufacturing process to a science in order to deliver the TMA brand of Beta Titanium wire that remains the industry standard for consistency and quality.

With half the force but twice the working range of stainless steel1, TMA has indications for all stages of treatment. Because of its intermediate stiffness between stainless steel and the nickel-titanium memory alloys, it is especially beneficial as a main working archwire. TMA has good flexibility and springback characteristics along with predictable forces for consistent control.

Initial Stage
TMA is recommended for tooth alignment, space closure and Curve of Spee. Ormco offers preformed Reverse Curve TMA and Reverse Curve TMA with "T" Loops.

Intermediate Stage
TMA is recommended for early torque control with moderate forces. TMA also provides complete manipulation of the wire for dimensional control. Indications include use as an ideal retraction arch while exerting constant moderate forces over a longer period of time.

Final Stage
TMA is used as a detailing wire with moderate force.

Low-Friction and Colored TMA
If sliding mechanics and minimum friction are your goals, then you will appreciate the benefits of Low-Friction and Colored Low-Friction TMA. TMA colors also offer patients exciting new looks.

1 Kusy, Robert P., 1983. "Use of Nomograms to Determine Elastic Property Rations of Arch wires" AJO-DO vol 83 no. 5 pp.-381