

Case Study: 3M™ Clarity™ Aligners

Correction of severe deep bite with combination treatment.

Age: 47

Chief concern: My dentist says I have a really deep bite

Case diagnostics: Class I, 100% deep bite, mild upper spacing, mild lower crowding

Upper: Total number of aligners: 37
3M™ Clarity™ Aligners Force upper arch only
Initial Tx Design – stages 1-21 (21 aligners)
Refinement 1 – stages 22-29 (8 aligners)
Refinement 2 – stages 30-37 (8 aligners)

Lower: Mandibular wire sequence: 014 NiTi, 018 Reverse Curve NiTi, 16x22 NiTi, 19x25 NiTi, 19x25 SS. After 11 months of treatment added the LL7, rebracket the LR2, drop back to 018 NiTi, then same wire sequence as before.

Wear interval: Weekly

Treatment time: 15 months

Case courtesy of:
Dr. Justin Hughes
Alexandria, VA – USA

Initial

Final

Profile at rest



Face at rest



Face smiling



Initial

Progress - 7 months

Final

**Occlusal –
maxillary**



**Occlusal –
mandibular**



Initial

Progress - 7 months

Final

**Retracted
buccal - right**



**Retracted
anterior
biting**



**Retracted
buccal - left**



Panoramic radiograph

Cephalometric radiograph

Initial



Final



Tx Design Video

Treatment Plan
Attachment Strategy
Key Movements
Summary of Final Results

Best Fit Overlay

Ready to learn more?

