



## DAMON CASE STUDY

AT THE READING ORTHODONTIC GROUP

This case demonstrates that as we incorporate newer technologies into our practice by using low-friction brackets and super-memory wires (with very light forces), we can achieve the initial alignment of severely crowded teeth without the extraction of adult teeth.

You will notice that we will be using this newer technology for your patients who present with severe crowding. Our patients are reporting little to no discomfort in the early months of wearing braces which is a great benefit to them.

At the Reading  
Orthodontic Group,

we strive to provide "face-driven"

orthodontics. That means that

straight teeth and a good bite are not

quite good enough. The final result

needs to be a fantastic smile with a

beautiful face and profile.



Pre-treatment



3 months



19 months



Note that this tooth was completely blocked out of the arch

CHANGING SMILES, CHANGING PROFILES, CHANGING FACES

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## *Creating a youthful look*

- Less extraction of adult teeth provides for a wider smile with more tooth display*
- This makes us look younger longer*



*for a lifetime.*

### *Important Information*

**We want to emphasize that extraction decisions include assessment of soft tissue strain and periodontal response. In addition, teenage patients have opinions about what they prefer. We consider these, of course, but make our recommendations on what is biologically appropriate for each patient.**

**Although extractions were not done in this case, there are times that extraction of bicuspids is necessary to achieve an ideal occlusion and soft tissue drape for the patient. The paradigm change is not that extractions are no longer done, but that the decision to extract is based on assessment of many things including facial balance. Now that we are using low-friction brackets, less than 10% of our patients need to have extractions of adult teeth.**

**"We extract for the face, not for the space."**

**Years of study indicate that in 70% of treated orthodontic cases, long term retention is required to maintain ideal alignment regardless of whether extractions are done. We emphasize the use of long-term retention at night.**

**"NIGHTTIME FOR A LIFETIME"**



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