Technical Bulletin Trialsmile vs Post-Reduction Diagnostic

Trailsmile and Post-Reduction Diagnostic are for different synopsis. The crux in understanding how each works is to recognize whether the matrix will fit over the existing teeth.

1. Trialsmile

✓ A ballpark prototype for the patient to visualize and start dialogue and steer the treatment plan.

✓ Pretreatment, fit over existing teeth for 'rough' prototyping.

✓ In rare cases where all involved restorations will be additive only (IE no-prep veneer or occlusal onlays for VDO increase), the Trialsmile can serve all three:

1. preop prototype 2. flash-on to guide reduction 3. matrix fabrication of temps.

X In cases requiring ANY reduction, Trialsmile contours which are compromised to fit-over teeth will be improved with reduction; therefore, an additional post-reduction design is needed.

X In cases requiring reduction to achieve desirable contours, Trialsmile can be used to propose treatment to the patient, but DO NOT use Trialsmile to guide reduction or fabricate temps.

2. Post Reduction

✓ Final proposal before finalizing in restorations.

✓ Design approval from lab allows Dr to visualize and adjust proposed contours based on reduction plan BEFORE prep day.

✓ Reflects post-reduced contours, homes-in on final contours.

✓ Can be used to guide final reduction using putty matrix guides or with flash-on AFTER all tooth/matrix interferences are removed with initial reduction.

✓ Use for temps after reduction.

X DO NOT flash-on to guide reduction before tooth/matrix interferences are removed; it won't fit over existing teeth without distorting contour and reduction references.

X DO NOT use as a Trialsmile as the first step-- It won't fit over existing teeth without distortion.

Summary (Most cases will require some reduction)

- Post Reduction Diagnostic for predictable results (even if some teeth might be additive only, **if even one tooth isn't**, then the whole design is a Post-Reduction Design.
- Trialsmile Diagnostic is for demanding patients to break the process into manageable steps, patients you are selling treatment as a 'motivational mockup', or **rarely when you are certain of the technicalities,** can be used as the only diagnostic.

Please reach out to discuss with me for further clarification, Amos