**PURPOSE**

The Invisalign Tooth Movement Assessment provides guidance in identifying more significant movements present in the ClinCheck® treatment plan, and skills that may be needed for the treatment.

**SUMMARY VIEW** highlights teeth with movement above a set threshold.

**DETAILS VIEW** of the teeth highlighted and colored above.

### TOOTH MOVEMENT ASSESSMENT

<table>
<thead>
<tr>
<th>Tooth</th>
<th>Assessment</th>
<th>Movement</th>
<th>Value</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Blue</td>
<td>Extrusion</td>
<td>0.9 mm</td>
<td>0.5 mm-1.0 mm</td>
</tr>
<tr>
<td>5</td>
<td>Black</td>
<td>Extrusion</td>
<td>1.2 mm</td>
<td>&gt; 1.0 mm</td>
</tr>
<tr>
<td>7</td>
<td>Blue</td>
<td>Rotation</td>
<td>31°</td>
<td>30°-40°</td>
</tr>
<tr>
<td></td>
<td>Blue</td>
<td>Extrusion</td>
<td>2.7 mm</td>
<td>2.5 mm-3.5 mm</td>
</tr>
<tr>
<td>G</td>
<td>Upper Right Quadrant</td>
<td>Blue</td>
<td>A-P Correction</td>
<td>3.3 mm</td>
</tr>
</tbody>
</table>

- **A**: Column identifies teeth highlighted in the **SUMMARY VIEW**
- **B**: Column identifies the color for each tooth
- **C**: Column identifies the types of movements that are above a set threshold
- **D**: Column identifies the amount of movement programmed in the ClinCheck treatment plan
- **E**: Column identifies the range that informs the color category
- **F**: Row shows example of tooth with compound movements
- **G**: Row shows example of an assessment with A-P Correction

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TOOTH MOVEMENT COLOR

BLUE - Moderate Movements: The movements programmed have shown good results with the use of aligners and at times, benefit from additional techniques like the ones noted to the right; closer monitoring is recommended.

Treatment Management: Additional Refinements and/or Mid-Course Correction may be needed.

BLACK - Advanced Movements: The movements programmed have shown good results with the use of aligners, but often require additional orthodontic techniques as they are more challenging to achieve with the use of aligners alone; very close monitoring is recommended.

Treatment Management: Additional Refinements and/or Mid-Course Correction likely needed.

BLUE AND BLACK - Additional Options:
• Change ClinCheck® treatment plan to remove the specific movements and/or change treatment goal. May result in a compromised ClinCheck treatment plan.
• Post-Invisalign restorative solutions may be considered as part of the treatment plan.
• See www.aligntechinstitute.com/gethelp for additional help resources on specific treatment topics

SKILLS/TECHNIQUES THAT MAY BE REQUIRED

- Anterior IPR
- Posterior IPR
- Attachments
- Monitoring interproximal contacts
- Detailing Pliers
- Pontics
- Button & Elastics for Extrusion*
- Buttons & Elastics for Rotation*
- Inter-arch Class II/III elastics w/Precision Cuts
- Sectional Fixed Braces*
- Full Fixed Braces*
- Pre-PVS treatment (expansion, A-P correction)*
- Orthognathic Surgery

The color categories for assessing the difficulty of a treatment are provided for the doctor's reference only, based on the ClinCheck treatment plan. Each patient's situation is different. Doctor is solely responsible for evaluating whether Invisalign products are appropriate for use with each patient and waives any claims against Align relating to the treatment or outcome of treatment.

NOTES:
If a doctor requests to remove or change a default attachment (for rotations, extrusions or anterior intrusion anchorage) that has been automatically placed according to the Invisalign Clinical Protocols, the tooth/teeth will be identified as blue or black and may require additional clinical skills and close monitoring.

The Tooth Movement Assessment displays movements of extrusion, intrusion, rotation, root movement, and A-P correction, which are programmed in the ClinCheck treatment plan.
DESCRIPTION

These ranges are applied as a guideline to assess the extent of movement present in the ClinCheck® treatment plan.

EXTRUSION

Upper Central Incisors
Upper Lateral Incisors
Lower Incisors
Upper & Lower Cuspids

0mm 1 2 3 4 5 6+

Upper & Lower Bicuspids
Upper & Lower Molars

0mm 1 2 3 4 5 6+

INTRUSION

Upper Central Incisors
Upper Lateral Incisors
Lower Incisors
Upper & Lower Cuspids

0mm 1 2 3 4 5 6+

Upper & Lower Bicuspids
Upper & Lower Molars

0mm 1 2 3 4 5 6+

ROOT MOVEMENT

Measured by displacement of root apex

Upper Central Incisors
Upper Lateral Incisors
Lower Incisors
Upper & Lower Cuspids
Upper & Lower Bicuspids
Upper & Lower Molars

0mm 1 2 3 4 5 6+

A-P CORRECTION

Per Quadrant

Quadrant

0mm 1 2 3 4 5 6+
RANGES APPLIED TO TOOTH MOVEMENT CATEGORIES

DESCRIPTION

These ranges are applied as a guideline to assess the extent of movement present in the ClinCheck® treatment plan.

ROTATION

Upper Central Incisors
Lower Incisors

Upper & Lower Cuspids
Upper & Lower Bicuspids

Upper Lateral Incisors

Upper & Lower Molars