Voco Grandio and Grandio Flow

**PREP Panel evaluation**

**FJT Burke and RJ Crisp**

Primary Dental Care Research Group, University of Birmingham School of Dentistry

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**TABLE 1 - Number of respondents who replied in each week**

<table>
<thead>
<tr>
<th>Anterior</th>
<th>Number of respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st week</td>
<td>108</td>
</tr>
<tr>
<td>2nd week</td>
<td>120</td>
</tr>
<tr>
<td>3rd week</td>
<td>107</td>
</tr>
<tr>
<td>4th week</td>
<td>98</td>
</tr>
<tr>
<td>5th week</td>
<td>80</td>
</tr>
</tbody>
</table>

**TABLE 2 - Comparison of Grandio and usual composite material**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Voco Grandio</th>
<th>Grandio Flow</th>
<th>Rating</th>
<th>Number of evaluators (percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Excellent</td>
<td>Good</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>Handling</td>
<td>Good</td>
<td>Excellent</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>Aesthetics</td>
<td>Very Good</td>
<td>Excellent</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>Mechanical resistance</td>
<td>High</td>
<td>High</td>
<td>91</td>
<td></td>
</tr>
</tbody>
</table>

**TABLE 3 - Comparison of Grandio and usual composite material**

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Voco Grandio</th>
<th>Grandio Flow</th>
<th>Rating</th>
<th>Number of evaluators (percentage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Difficulty to use</td>
<td>Excellent</td>
<td>Good</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>Ease to use</td>
<td>Good</td>
<td>Excellent</td>
<td>91</td>
<td></td>
</tr>
</tbody>
</table>

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The Voco Grandio and Grandio Flow systems were evaluated by 108 respondents in the first week, 120 in the second, 107 in the third, 98 in the fourth, and 80 in the fifth. The majority of respondents found the materials to be of high quality, with excellent handling and aesthetics. The systems were rated as being comparable in difficulty and ease of use.

**Discussion**

Evaluation of the systems for insertion into the mouth showed that the Voco Grandio and Grandio Flow systems were well accepted by the respondents. The systems were found to be easy to use and provided excellent results.

**Conclusion**

The Voco Grandio and Grandio Flow systems were found to be well received by the respondents. The systems were found to be easy to use and provided excellent results.

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**PREP Panel evaluation**

**Voco Grandio and Grandio Flow**

Five years of improvement (in areas). The interproximal space for both Grandio and Solobond M achieved excellent ratings.

Aesthetic quality

The Voco Grandio and Grandio Flow systems showed significant improvement in aesthetic quality compared to previous systems. The systems were rated as being significantly better than previous systems.

Ease of use

The Voco Grandio and Grandio Flow systems were highly rated for ease of use. The systems were found to be easy to use and provided excellent results.

Discussion

Evaluation of the Voco Grandio and Grandio Flow systems was based on clinical performance data and subjective feedback from users. The systems were found to be easy to use and provided excellent results.

Conclusion

The Voco Grandio and Grandio Flow systems were found to be well received by the respondents. The systems were found to be easy to use and provided excellent results.

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**The PREP Panel – the first decade**

Rusell Crisp

Research Associate, Primary Dental Care Research Group, University of Birmingham School of Dentistry

Together to serve a top research operation, exchanges views on the function and naming of the PREP panel, and also on the importance and role of the PREP panel. A further informative web page on the PREP panel is also available.

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**Aesthetic quality**

Grandio Flow achieved a good overall rating and aesthetic quality of 4.8. It was also highly rated in the area of ease of use.

**Ease of use**

The Voco Grandio and Grandio Flow systems were found to be well received by the respondents. The systems were found to be easy to use and provided excellent results.

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Manufacturers’ comments

We are very pleased to hear that 85% of the dental practitioners would recommend Durado Flow, and 75% Grandio. This shows that Voco’s concept of ‘single shade all in one’ is easy handling without complicated shade clipping, is widely accepted. To allow the ideal natural translucency of 3.5 was chosen. This has the consequence that the shade selection is made easier while still allowing for the natural appearance of the tooth, so on the post-crown stage, assessed by 85% of the dental practitioners. The systems were found to be easy to use and provided excellent results.

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