UvA-DARE (Digital Academic Repository)

Esthetic and bonding enhancements of tooth colored indirect restorations
El-Zohairy, A.A.

Citation for published version (APA):

General rights
It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: http://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.
## CONTENTS

### Chapter 1  General Introduction  
1.1 Esthetic alternatives to metallic restorations  
1.2 Tooth-colored indirect restorations  
1.3 Adhesion: The key to success of the tooth-colored restorations  
1.4 Dental luting cements  
  1.4.1 Mechanical properties of the cements  
  1.4.2 Biological properties  
  1.4.3 Adhesive characteristic of the cements  
  1.4.4 Esthetic Properties  
1.5 Bond strength test  
1.6 Aim and outline of investigations  
1.7 References

### Chapter 2  Porcelain-veneered Computer-generated Partial Crowns

2.1 Abstract  
2.2 Introduction  
2.3 Materials and methods  
2.4 Results  
2.5 Discussion  
2.6 Conclusion  
2.7 References

### Chapter 3  Microtensile Bond Strength Testing of Luting Cements to Prefabricated CAD/CAM Ceramic and Composite Blocks

3.1 Abstract  
3.2 Introduction  
3.3 Materials and methods  
3.4 Results  
3.5 Discussion  
3.6 References

### Chapter 4  The Effect of Adhesives with Various Degrees of Hydrophilicity on Resin-Ceramic Bond Durability

4.1 Abstract  
4.2 Introduction  
4.3 Materials and methods  
4.4 Results  
4.5 Discussion  
4.6 References
## CONTENTS

<table>
<thead>
<tr>
<th>Chapter 5</th>
<th>Effect of Conditioning Time of Self-etching Primers on Dentin Bond Strength of Three Adhesive Resin Cements</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5.1 Abstract</td>
</tr>
<tr>
<td></td>
<td>5.2 Introduction</td>
</tr>
<tr>
<td></td>
<td>5.3 Materials and methods</td>
</tr>
<tr>
<td></td>
<td>5.4 Results</td>
</tr>
<tr>
<td></td>
<td>5.5 Discussion</td>
</tr>
<tr>
<td></td>
<td>5.6 References</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 6</th>
<th>The Influence of Specimen Attachment and Dimension on the Microtensile Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6.1 Abstract</td>
</tr>
<tr>
<td></td>
<td>6.2 Introduction</td>
</tr>
<tr>
<td></td>
<td>6.3 Materials and methods</td>
</tr>
<tr>
<td></td>
<td>6.4 Results</td>
</tr>
<tr>
<td></td>
<td>6.5 Discussion</td>
</tr>
<tr>
<td></td>
<td>6.6 References</td>
</tr>
</tbody>
</table>

**Summary and Conclusions** 115

**Samenvatting en Conclusies** 121

**Acknowledgements** 127