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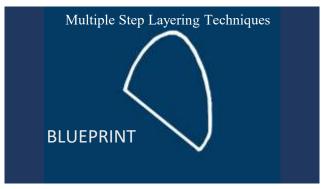


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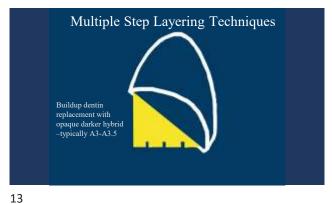


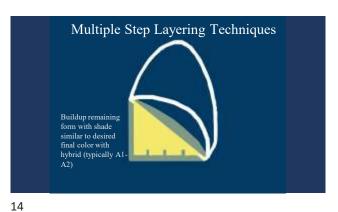


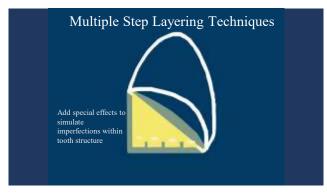
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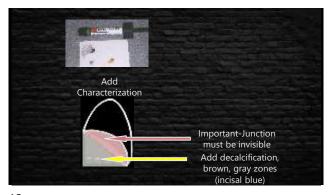


15





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19 20





21 2





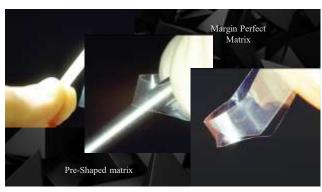
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25 20





27 28









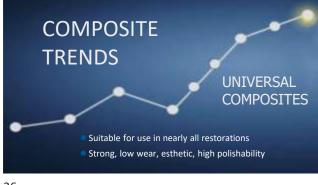
31 33



Increased Expenses
Staff
Dental Supplies
Computers
Software Support
Rent
Utilities

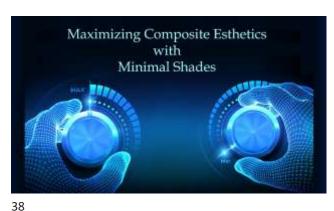
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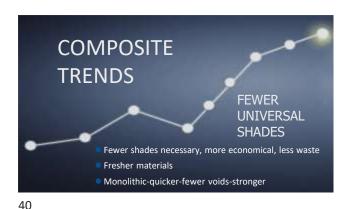
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37 3













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44





46







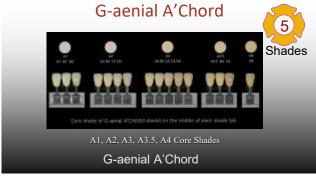


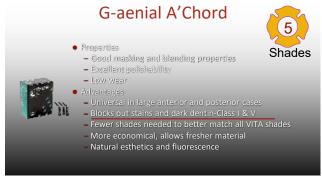
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52



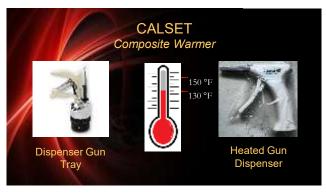


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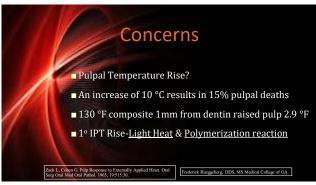


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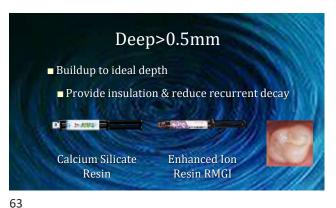


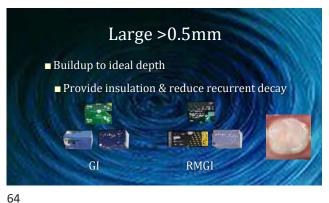
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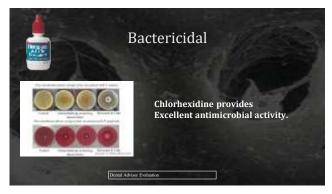


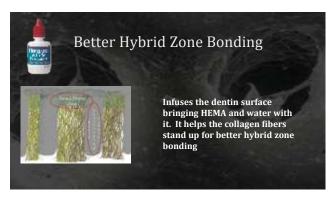




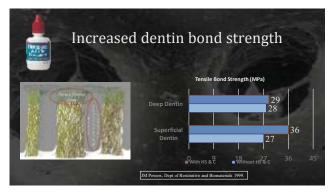


68 69





70 71





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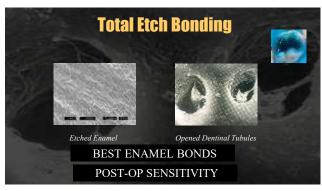


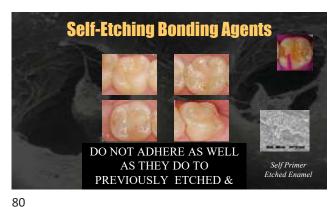
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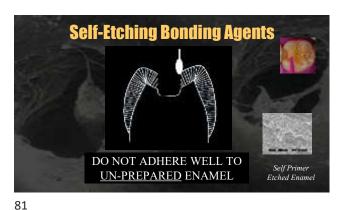




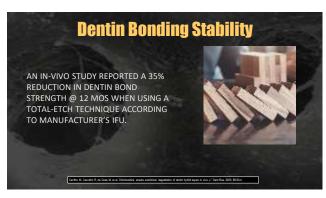


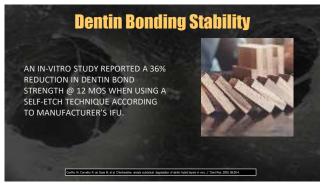


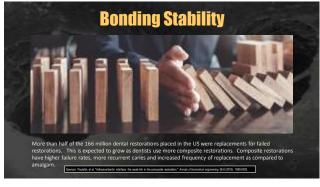




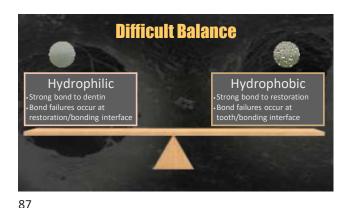








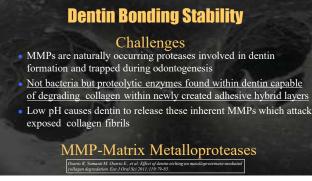


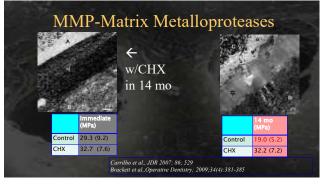


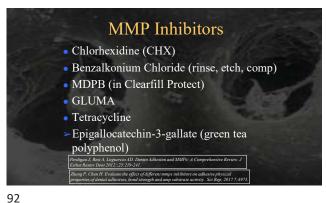


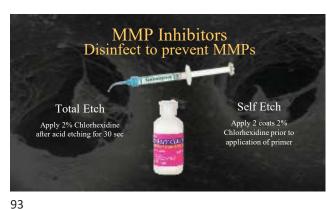
Dentin Bonding Stability Challenges-Solved 2-Use MDP containing bonding agents which become hydrophobic upon polymerization due to high amount of cross-linkage. MDP-containing adhesives form nano-layering at the adhesive interface. Stable MDP-Ca salt deposition with nano-layering creates high bond stability by preventing water permeation Hydrolytic Degradation

89













94





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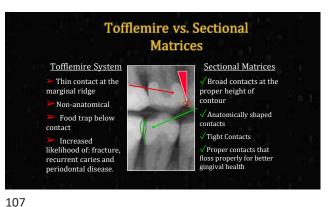






104 105





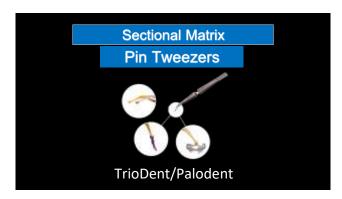
106





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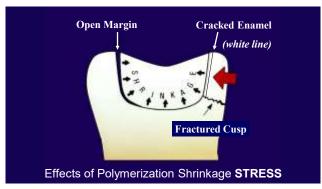
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112 1



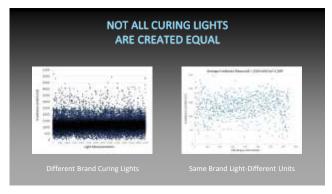


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116 117





118









122 123



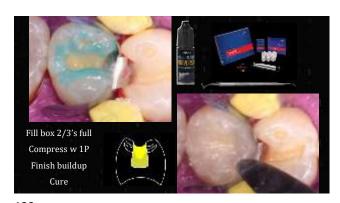


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Ontario AGD

128 129



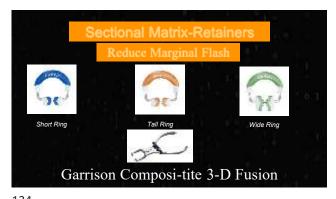


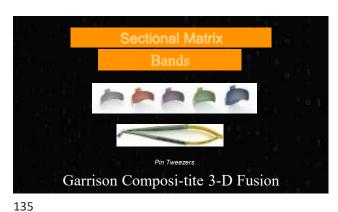
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134





136 137









140 141





142 143



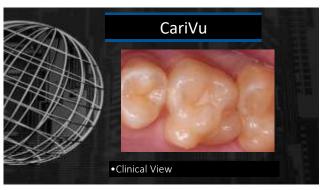


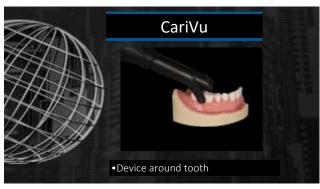




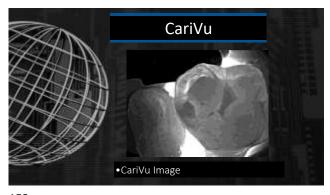


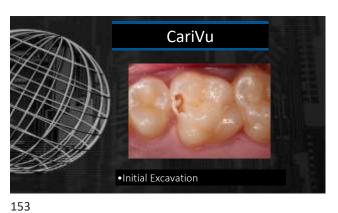




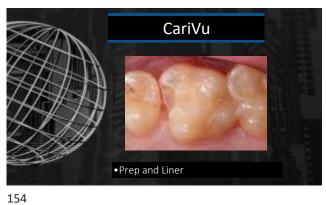


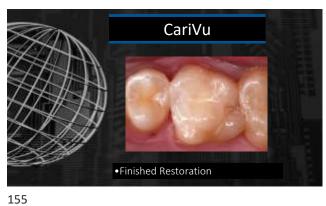
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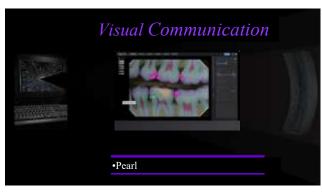


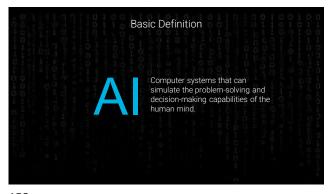
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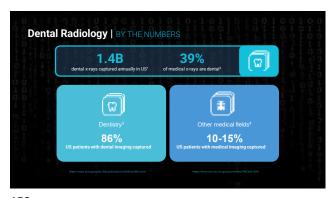




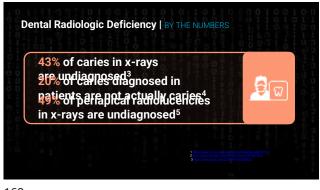


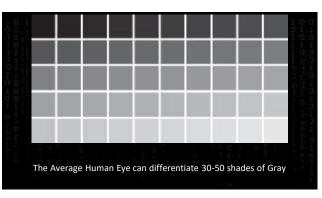




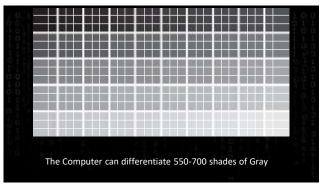


158 159

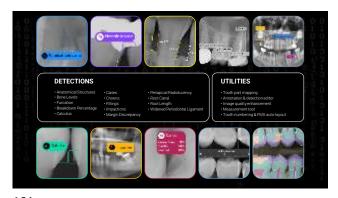


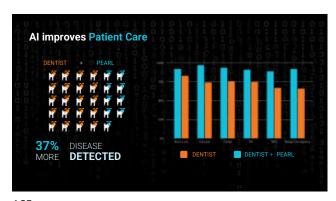


160 161









9/05/2025 Ontario AGD

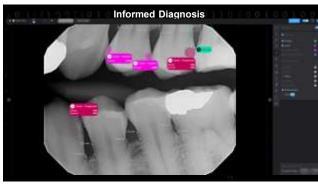
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166 167





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170 171

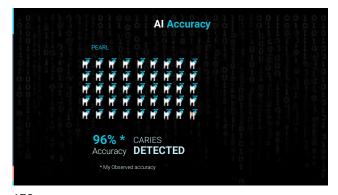




172





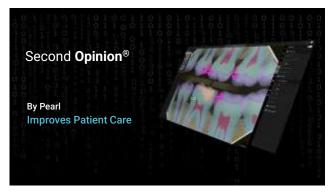


Al improves Patient Treatment Acceptance

 • Helps Patients Visually Understand Need for Treatment
 • Educates Patients About Their Teeth
 • Helps Dentists Better Detect Pathology
 • Confirms Trust in Dentist's Recommendations
 • Demonstrates Practice Provides State of the Art Technology
 • Builds Confidence in Office
 • Patients More Likely to Talk About It & Refer Friends

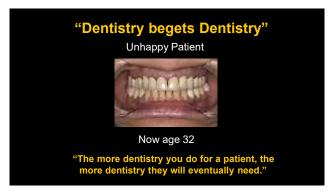
9/05/2025 Ontario AGD

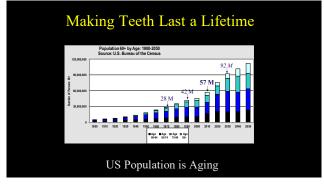
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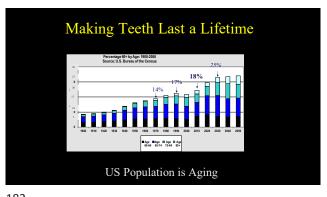




178 179







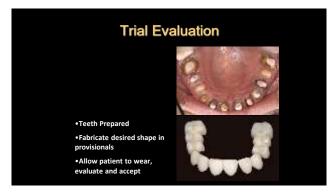
Conservative approach
 Detect & Treat Earlier
 Remove only diseased portion of tooth
 Patients are living longer
 Preserve healthy tooth structure for future restorative needs (90-100 year olds)

182 183





184 185





9/05/2025 Ontario AGD

















194



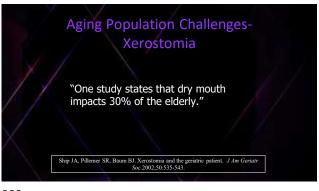


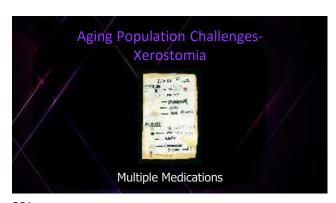
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200 201





202 203



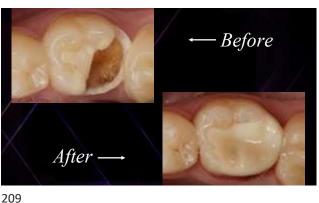






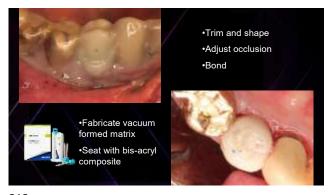
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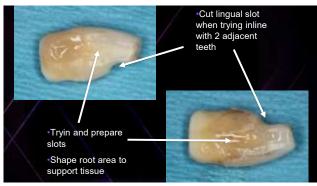


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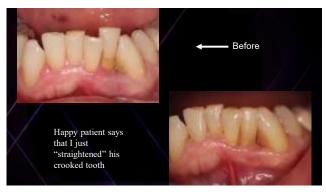


Daniel H Ward DDS 9/05/2025 Ontario AGD



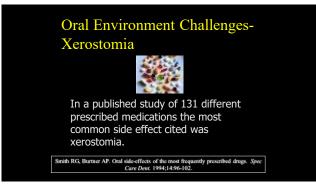


218 219





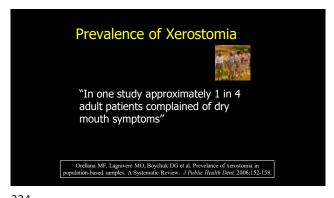
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222 223

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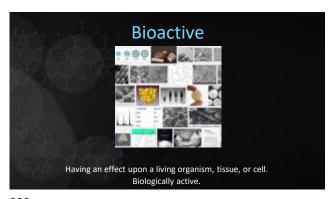




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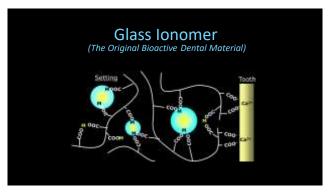


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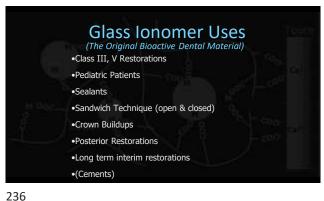


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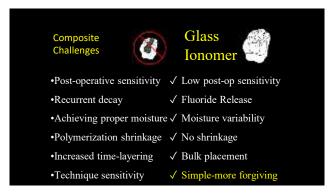




9/05/2025 Ontario AGD











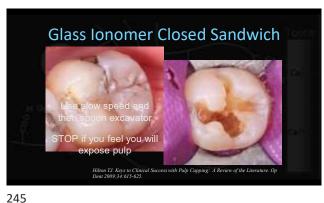






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244





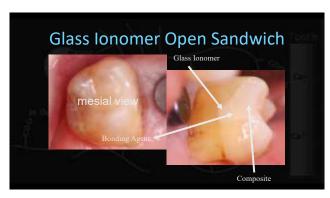
9/05/2025 Ontario AGD





248 249





250 251



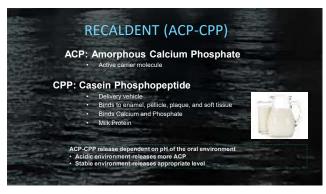




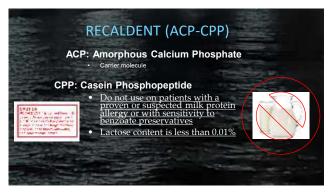


254 255





256 257





Glass Ionomer High Caries



Drug User

Glass Ionomer High Caries



Spoon out decay and refine prep

260

Glass Ionomer High Caries



Place and rinse Poly-acrylic acid

Glass Ionomer High Caries



Mix Gi and quickly place and push out

262

Glass Ionomer High Caries



Allow to set 2:30

Glass Ionomer High Caries



Hold down gingiva and shape



264

265

261

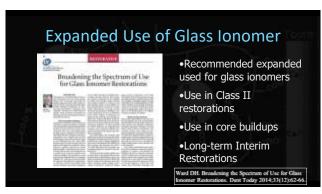
Glass Ionomer High Caries





Final Immediate Result

266



267



268



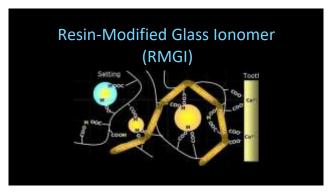
269



EQUIA Forte HT •High Translucency •Higher Fluoride Release •Higher Compressive Strength •Long-term Interim Restorations







Resin-Modified GI Properties (compared to "pure" glass ionomer) •Dual-curing: Acid/Base & Polymerization Reaction •Ionic & Micro-mechanical Bonding •Shrinkage stress if cured prior to set •Higher tensile, bond strength and wear More Translucency •Fluoride Release-Bioactive (less than GI)

274 275





Daniel H Ward DDS 9/05/2025 Ontario AGD



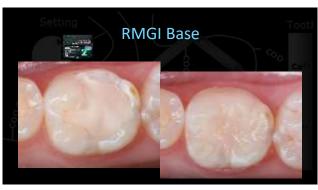


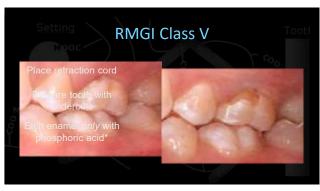
278 279





280 281









284 285





286





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290 291





292 2







· Promotes healing

Past experience/bias

Resin Based Bioactives
vs. Glass Ionomers

•Resin Matrix
•Primarily micro-mechanical retention-self adhesive
•Calcium & Phosphate release
•Lower fluoride release
•Higher compressive strength
•Dual cured

296 297

PHILOSOPHY Resin-Based Bioactives •Newer Technology •Importance of Calcium •Higher initial bond strength •Higher compressive strength •Low post-op sensitivity Glass Ionomers (Pure) •Proven Technology •Importance of Fluoride •Consistent bond strength •No polymerization shrinkage •Lowest post-op sensitivity

Bioactivity

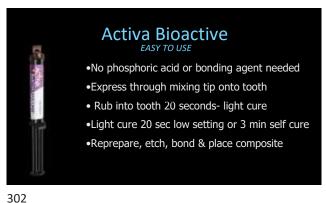
Ca, PO. F Releasing Resin Liner/Bases
Restoratives & Cements

298 299

Past experience/bias







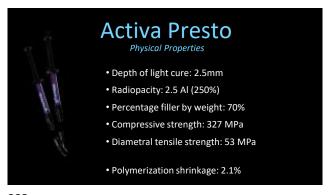














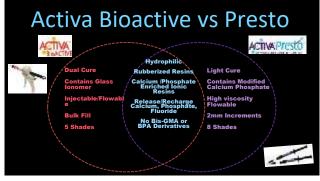
308 309





310









314 315





316 317





9/05/2025 Ontario AGD





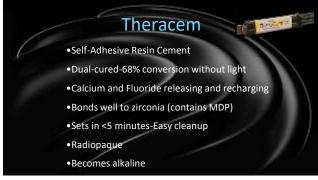
320 32





322 3





















332 333



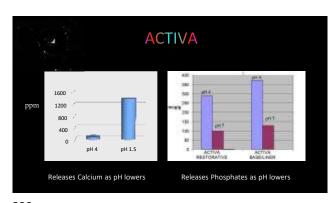


334 3









338 339





340 341







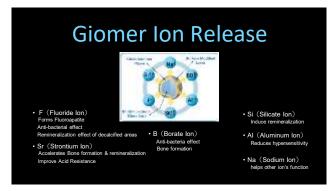


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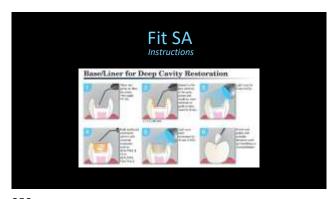




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350 351

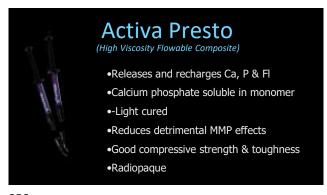




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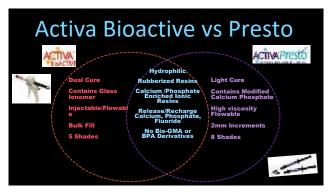






356 357





358 359

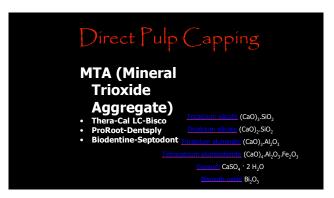




















369



Biodentine X Simplified placement 6200 rpm Tritrator Comes in 200mg & 500mg sizes Expanded uses

371

Biodentine XP Expanded Uses · Base for deep restorations · Base for indirect pulp caps • Interim restoration • Direct pulp cap • Partial Pulpotomy for Irreversible Pulpitis?







374 37.

