

Products Rated Highly by Evaluators in CR Clinical Trials *(Continued from page 1)*

Small, Handheld Radiometer for Checking Output of Curing Lights

Spring Radiometer

(model 662)

Spring Health Products



\$112/Radiometer

CR scientists and others have found that the majority of curing lights tested in clinical practice have lower output than expected due to degradation of light elements, debris on tips, and normal wear and tear.

Radiometers allow simple periodic verification of output and can help prevent inadequate polymerization of dental materials. This handheld analog radiometer measures up to 3000 mW/cm² and is compatible with most resin curing lights: LED, halogen, and plasma arc. No battery required.

Advantages:

- Low cost
- Easy to use
- Compact size

Limitation:

- Instructions could be improved

CR Note:

- Record output of each curing light on back of radiometer. If output decreases significantly, consider repair or replacement of light.

CR CONCLUSIONS: 64% of 25 CR Evaluators stated they would incorporate Spring Radiometer (model 662) into their practice. 84% rated it excellent or good and worthy of trial by colleagues.

No Residue Pumice Paste (*NO Flavoring Agents, Dyes, Oils, or Fluoride*) Improves Adhesive Dentistry

NADA Pumice Paste

Preventech



23¢/Cup

Pre-dose flour of pumice paste has no oils, dyes, flavorings agents, or fluoride which can leave residues and reduce effectiveness of adhesives and cements. No residue pastes are ideally used to clean teeth before acid etch or cementation. Well accepted by flavor-intolerant patients.

Advantages:

- Easy to use; pre-mixed
- Good constancy, low splatter, and easily rinsed
- Cleans tooth surfaces effectively

Limitation:

- No major limitation noted

CR CONCLUSIONS: 70% of 24 CR Evaluators stated they would incorporate NADA Pumice Paste into their practice. 87% rated it excellent or good and worthy of trial by colleagues.

Conventional Glass Ionomer Restorative with Natural Fluorescence and Two-Minute Set Time

Ionostar Plus VOCO



\$3.90/Capsule

Ionostar Plus is a conventional glass ionomer with two-minute set. It is the first glass ionomer material with tooth-like fluorescence. The new capsule design accesses smaller preparations and difficult-to-reach areas of the oral cavity. Four shades (A1, A2, A3, A3.5). Indicated for following restorations: non occlusion-bearing Class I, short-term Class I and II, cervical lesions, Class V, root caries, Class III, and restoration of deciduous teeth. Also used as: base/liner, core build-up, temporary restorations, and extended fissure sealants.

Advantages:

- Easy to place and shape
- Adequate working time
- Acceptable shades/colors

Limitations:

- Two-minute set was too long for a few Evaluators
- Clinical trials are needed to monitor longevity of various indicated restoration types

CR CONCLUSIONS: 73% of 24 CR Evaluators stated they would incorporate Ionostar Plus into their practice. 77% rated it excellent or good and worthy of trial by colleagues.

Popular VPS Impression Material has Several Helpful Improvements

Aquasil Ultra+ Dentsply Sirona



\$110/50ml cartridge (55¢/ml)

\$3.28/Small digit (1.6ml)

\$3.71/Large digit (2.4ml)

Well known VPS (*vinyl polysiloxane*) impression material with the following improvements:

- Better hydrophilicity intraorally and maintains high tear strength. Working and setting times are clearly marked on cartridges.
- Several delivery options available including single-use cartridges with digit Targeted Delivery System for precision syringing onto preparations.
- Available in fast and regular set and in several viscosities.
- Rigid viscosity specifically designed to help prevent distortion when used with double-arch trays.

CR evaluated medium/heavy body with extra light body for this evaluation.

Advantages:

- Accurate and clean impression
- Multiple set times are helpful
- Precision syringing with digit Targeted Delivery System

Limitation:

- Premium price

CR CONCLUSIONS: 83% of 24 CR Evaluators stated they would incorporate Aquasil Ultra+ into their practice. 92% rated it excellent or good and worthy of trial by colleagues.