April 20, 2019

Dear Noor Yahya,

The referees’ comments regarding your manuscript, “Dynamic Visco-elastic Characterization of Bulk-fill Resin-based Composites and Their Conventional Counterparts”, have been received. On the basis of these reviews I am pleased to inform you that your paper is accepted for publication in Operative Dentistry. We will begin our initial editing of the paper within one month of this email. The authors will be asked to proof the copy (text) first, and will have a chance to edit the final typeset version before it is published online early. The paper will be first published electronically on our online journal site at www.jopdentonline.org and then assigned to a specific issue in the Journal as determined by the Editor (usually within 6-8 months from acceptance). Online only and print publications will all be assigned to an issue. The DOI will not change once an issue citation is finalized.

We do not send a paper copy of the issue in which your article appears to each author, instead we will be sending a copy of the final typeset .pdf (via access to the electronic issue at our online journal site) to all authors. This acceptance letter will act a permanent license to you for copy-rights to your article. You may make unlimited prints of your article, but may not share the article in its electronic format. Please see the full policy section titled Author Rights for further details and exceptions, it is available on our website (www.jopdent.org).

Should we need any additional information for your article you will be notified by email.

Thank you for considering Operative Dentistry for publication of this excellent manuscript.

Sincerely yours,

Jeffrey Platt
Editor
Operative Dentistry

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Reviewer Comments (if any)-

Reviewer #1 (Required Comments for the Authors):

After reviewing the authors’ responses to reviewer comments, this reviewer is satisfied that the manuscript is suitable for publication.

Reviewer #3 (Required Comments for the Authors):

The comments of the reviewers were addressed.
Dear Ahmed and Azlin

Good news!

Our part 2 Operative Dentistry paper has been fully accepted.

Congratulations!

Aside to Azlin,

Any updates from Clinical Oral Investigations?

How are the two GIC papers coming along?

Data from the original one is coming to 2 years old already and would be obsolete in due course.

May be worth focusing on the second one (Effect of resin coating on flexural strength and modulus of HVGICs). This paper has a high chance of acceptance if written well.

Kindly also help follow-up with Jason's paper.

I am currently helping Rana with her paper (re-analyzing data and re-writing) and quite a few other UM students on the project protocols.

Regards AY

Virus-free. www.avg.com

Ahmed Hesham <ahmed.hesham2011@gmail.com>

Greetings Prof Yap,
Greetings Doctor Noor,

Congratulations! I am really delighted to know that the 2nd part is already accepted.

I hope there would be more papers that I can take part in with you, Prof. Yap and Dr. Noor.

Many thanks.
Yours,
Ahmed Eweis.

Adrian Yap <aujyaprd@gmail.com>

Dear Ahmed
Thanks for your email.

With regards to additional papers, there is actually one last paper from our original series that has not be completed.

We need to submit this before Fuji Equia or hand-mixed Zirconomer becomes obsolete.

I had discussed the paper with Dr Azlin, and would like to finish up this paper with you.

The first authorship should come in handy and this paper should be quite easy to write given that we already have all the templates done (will send you the recent paper we submitted to Clinical Oral Investigations).

It is, however, important that we summarize and paraphrase the sentences (cannot copy and paste).

The paper could be entitled "Impact of resin-coating on dynamic and flexural properties of bulk-fill glass ionomers".

Data is from our original work with Joshua Ong and company.

Instead of the original n=10, let's remove 2 outliers and make n=8 for both dynamic and static flexural testing.

Materials: Zirconomer and Equia Forte  
Treatment: Equia Coat or no-coat  
Medium: Distilled Water and Artificial Saliva (we can focus only or artificial saliva)  
Tests:  
(a) Dynamic: Storage modulus, loss modulus and loss tangent  
(b) Static - flexural modulus and strength  
Statistical analysis:  
(a) Compare coated and uncoated for each material - Independent samples T-test  
(b) Compare materials for coated and uncoated specimens - as above  
(c) Kiv correlation between dynamic and static properties (as for IFT versus MFT but now for GICs).

Please let us know if you are keen and I will work with you to actualize the paper.

I look forward to hearing from you.

Cheers  
AY
**N.B:** out of the above 5 groups (with high SD), 4 are in distilled water while only one is in artificial saliva (Equia uncoated) with SD of 32%. I guess that gives us more reason to focus on artificial saliva.

**2- For the dynamic tests:**
The sample size was reduced to 6 as well to match that of the static tests and the SD is mostly below 10% with only a few groups ranging from 10-14%

**3- For the statistical analysis:**
There was a slightly different approach that was previously adopted for that paper as shown in the attached tables. I assume some tables might need to be removed or modified accordingly.

**N.B:** If we opt to remove distilled water from the paper, then I guess the correlation will need to be re-done since the correlation is for the data from both water and saliva.

Kindly find attached the tables and work done from before. (I have done some edits though).

Kindest regards.
Yours,
Ahmed Eweis.

[Quoted text hidden]

2 attachments

- Correlation GIC 20190421.docx
  15K
- Mean values and significance (GICs) 20190421.docx
  169K

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Adrian Yap <aujyapr@gmail.com>
To: Ahmed Hesham <ahmed.hesham2011@gmail.com>
Cc: NOOR AZLIN YAHYA <nazlin@um.edu.my>
Sun, Apr 21, 2019 at 3:42 PM

Dear Ahmed

As usual, thanks for your super swift reply and quick re-cap.

Let’s focus ONLY on artificial saliva (discard distilled water).

Sample size can be reduced to n=7 if we can achieve normality of data.

I attach the paper I wrote on "Effect of resin-coating on HVGICs: A dynamic analysis".

The literature review had been done as with the justification for the study.

The paper was submitted to Operative Dentistry but was rejected as a reviewer felt that GICs are NOT visco-elastic in nature. This, however, is not true as there has already been several studies reporting this.

In addition, our viscous component is not zero i.e. GICs are not purely elastic.

We target this paper for Operative Dentistry as we have a decent chance of acceptance given that we have both dynamic and static data.

For the INTRODUCTION, we may want to provide some details of the two HVGICs i.e. Zirconomer and Equia Forte and the improvements made.

Let’s review the Tables and statistics when done and I can work on the article plan with you.

Thanks.

Regards
AY