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22nd September, 2016

To:
Silverfildental Products Sdn. Bhd.
No.5, Jala Industri 1/11,
Taman Perindustrian USJ 1,
47600 Subang Jaya, Selangor.

(Attention: Dr. S. Radhakrishnan)

Re: Clinical Observation and Evaluation of Silverfil as a dental amalgam filling.

I have had the pleasure of working with this material over the past several years. The first study that I had done was to see if Silverfil amalgam has good marginal seal. The other study was on resected apical end of endodontically treated teeth were filled with Silverfil amalgam. The studies showed that Silverfil amalgam had a good marginal seal. This property is due to the positive dimensional change the amalgam has after mixing.

A recent study in end of Year 2015 on 'The use of Silverfil amalgam for sandwich technique to prevent leakage of Bisphenol-A' (BPA, a petrol chemical derivative used in resins) into the pulp. The study proved that if Silverfil is used as a base over resinous material such as 'Composite Resin', the good sealing properties of Silverfil has actually prevented leakage of BPA into the pulpal tissues. This study was presented by me at the American Dental Expo in Washington DC last year.

Clinical use of Silverfil has the following properties:

A. Mixing and Manipulation:

Silverfil mixes easily at low amalgamator mixing speeds within 5 seconds (unlike other amalgams). The mix is very plastic, cohesive and easy to condense into tooth cavity.



B. Carving:

The mixed material after packing, has a good consistency for carving and finishing.

C. Post Treatment Observation:

Silverfil fillings have performed equally well as other types of amalgams. The lack of any excess mercury does not limit with caution on its favourable use in Children and pregnant patients. There was no post-operative discomfort or sensitivity in any of the patients after filling with Silverfil amalgams.

This material augurs well as a suitable, safe alternative to the traditional silver-tin and copper amalgams who all contain small amounts of excess mercury within the fillings.

Prof. Dr. Sam'an Malik Masudi
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