

مقایسه لابراتواری ریز نشت ترمیم های کامپوزیت  
در حفرات کلاس  
۲ با استفاده از چهار روش نوردهی ماده ترمیمی  
در حفره

\*\*\*

\*\*

\*

( CEJ )

( CEJ )

Light - tip

Kruskal Wallis Mann Whiteny

Light - tip

Light tip

(.)

1-Cemento- Enamel Junction

\*

\*\*

\*\*\*

---

|| :

|| :

|| :

Archive of SID

Archive of SID

/

CEJ

.()

.()

Archive of SID

.()

II

)

(

light tip

light tip

light tip

light tip

/

.()

CEJ

Mullejans

CEJ

Neulite F

Rebonding

CEJ

(Pq1-Ultra dent- USA)

Light tip

Kruskal Wallis

Mann – Whitney

P<0/05

X

Zelss

( )

CEJ

( )

(p= / )

Mann –

Whitney

( )

(N=10)

light-tip +

+

Mann – Whitney

CEJ

( )

(P= / )

	1	2	3
<b>Distal cavity</b> <b>(1 mm below CEJ)</b>	2	3	4
<b>Mesial cavity</b> <b>(1 mm above CEJ)</b>	1	2	3

Kruskal-wallis test: Significant difference (p<0.05)

Rovatti , Cavalleri

( ) Kays ( ) Scheree ( )  
 ( ) Dann Heimer ( )

---

(Bioactive

glasses )

Peutzfeldt , . ( )

-

Asmussen

( )

CEJ

. ( )

Lutz .

Light tip

. ( )

Neiva

Bio – glass , light – tip

. ( )

Light - tip

...



1-Attar N, Turgut MD. The Effect of flowable Resin composites as Gingival Increments on the Micro leakage of posterior Resin composite. *Oper Dent* 2004; 29 (2): 162-7.

2-Summitt JB, Robbins J, Shwartz RS. *Fundamentals of operative Dentistry: a contemporary approach*. 2nd ed. 2000.

3-Ericson D, Derand T. Reduction of cervical gaps in class II composite resin restorations. *J Prosthet Dent*. 1991; 65 (1): 33-7.

4-Müllejans R, Badawi M. An In vitro comparison of Metal and transparent Matrices used for Bonded class II Resin composite Restorations. *Oper Dent* 2003; 28 (2): 122-6.

6-Cavalleri FK , Rovatti FJ . Evaluation of the micro leakage at the proximal walls of class II cavities restored using resin composite and precured composite inserts. *Quintessence Int* 1998; 34 (8): 600-6.

7- Cavalcante LMA, Peris AR. Influence of polymerization technique on Micro leakage and Micro hardness of Resin composite Restorations. *Oper Dent* 2003; 28 (2): 200-6.

Archive of SID