

THE KIESS RELEASE

ZIRCONIA....IS IT ALL ALIKE?

The characteristics of zirconia seem to be a hot topic now. The discussion surrounds the strength and long term wearability of the zirconia substructures. Zirconia withstands many times the load level occurring in the mouth and its strength is considerably higher than other ceramic materials.

Although all zirconias are chemically similar, there are differences. These differences occur because of the way the zirconia is processed. The Lava™ zirconia has a small, consistent grain size. This provides the Lava™ zirconia with superior strength, translucency and long term stability.

Long term studies (5 years) have been done on the Lava™ material comparing it to other zirconia systems in the areas of flexural strength, water storage or corrosion (simulating conditions in the mouth), marginal fit, biocompatibility, as well as optical properties or esthetics. The conclusion of the studies have proven a very high performance of Lava™ zirconia in all areas.*

Lava™ restorations are available for anterior and posterior applications for single units or bridges up to six units. They make great implant restorations as they will mask out the underlying metal as well as a dark prep. The zirconia based restorations are a good alternative to the high content gold crowns because of the escalating price of gold.

*Results of studies done on Lava™ restorations are available at Kiess Kraft. Please call if interested.



Patient before Lava™ crowns.



Patient after Lava™ crowns. Crowns fabricated by Chris Miller.

ACETAL RESIN PARTIAL FRAMEWORKS & TOOTH SHADED CLASPS

Kiess Kraft can now make acetal resin partial frameworks with a tooth shaded acetal resin frame and conventional acrylic saddles. The clasps are tooth shaded for better esthetics and comfort for the patient. The clasps can also be added to existing partials.

The acetal resin provides a strong, metal free partial framework that has some flexibility and also combines with the natural appearance of the acrylic to add to the overall comfort.

The tooth shaded clasps are placed on the cervical of the tooth, unless there is an extreme undercut. The acetal clasps are capable of flexing, creating better retention and putting less stress on the tooth.



Acetal Resin framework with retention drilled in.



Completed acetal resin partial and clasps

The acetal base is made of a choice of 16 Vita shaded resins. Holes are drilled through the acetal saddles to allow for mechanical retention of the pink acrylic.

Please call Chey Miller at Kiess Kraft for more information—402.391.8424 or 800.553.9522.

Special offer on Lava™ crowns and bridges ~ \$174.00 per unit now through the end of the year!!!!

**Call Chris Miller for more information.
 402.391.8424 800.553.9522**

IMPLANT IMPRESSION TECHNIQUES

OPEN TRAY IMPRESSION TECHNIQUE

The open tray impression technique is also known as the Pick-up impression technique. The tray used for this technique has a hole cut in the tray through which the long impression post protrudes. The impression post stays inside the impression when it is removed from the mouth. This method is ideal for use when an impression is made of multiple or divergent implants. It may be difficult to use in limited, interarch distance spaces.



Custom tray for open impression.



Custom tray try-in for open tray impression. Try in verifies that screws are visible through the opening.

Regardless of the type of impression used for your implant, it is very important to take x-rays to verify the impression post is completely seated on the implant. If the impression post is not fully seated, it will be visible on the x-ray. The same would apply to the abutment being fully seated. Included are x-rays that illustrate fully seated and partially seated impression posts and abutments.



Abutment not fully seated.



Abutment fully seated.



Pictured to the left is an impression post that is fully seated. It is important to be sure the impression posts and abutments are fully seated, as it will affect the fit of the final implant restoration.

CLOSED TRAY IMPRESSION TECHNIQUE

The closed tray impression is used frequently for implant impressions. With this impression, the tray has a closed top. Try in the tray to verify that there is no contact with the impression post.

The impression posts stay on the implants when the impression is removed. The posts are then removed from the implant and transferred into the impression with an analog.



Impression post in patient's mouth before impression.



Closed tray impression taken of the implant.

Want To Get Away?



Let Kiess Kraft Dental Lab help send you on your next getaway! Kiess Kraft's Loyalty Reward Program is unlike any other. You can earn rewards by doing work with us and keeping your account current each month. The rewards can be used for airline tickets, hotel accommodations, car rentals, vacations packages, cruises, and more! Call us today to find out how you can earn reward credits.

FOODS THAT HELP STRENGTHEN YOUR TEETH AND GUMS... AND ADD TO THE BEAUTY OF YOUR TEETH



- Cauliflower, spinach, lettuce, and broccoli are all sources of minerals that create a protective film on teeth and help prevent red wine, coffee, or cola stains from penetrating the enamel.
- Kiwis, oranges, limes, cranberries, and strawberries are rich in vitamin C, a powerful killer of oral bacteria.
- Grapefruit aids in wound healing and according to a German study, helped decrease gum bleeding. As well as that, it prevents the collagen network in your gums from breaking down and loosening around your teeth.
- Chewing raw veggies stimulates saliva, neutralizing the acids in the mouth. The vitamins and minerals in the veggies also strengthens the teeth.
- Last but not least yogurt, cheese, and milk are good sources of calcium, which helps strengthen the bone around your teeth and the enamel on the teeth.

WORD SEARCH

R	S	S	S	G	T	H	R	T	S	R	C	G	Q	F
G	T	S	D	N	V	E	U	E	A	P	N	Z	I	J
Z	R	L	O	I	R	X	L	C	T	I	O	S	F	S
S	E	S	P	D	T	E	S	E	L	U	H	R	T	V
T	C	E	I	A	G	A	A	B	V	I	P	N	T	P
A	N	I	B	L	N	N	M	D	N	I	A	M	L	S
I	O	V	O	B	B	A	I	G	I	R	S	A	O	Y
L	C	O	A	R	G	K	B	T	U	N	Y	I	T	C
G	D	M	T	E	V	H	E	A	I	H	G	R	O	O
A	L	E	I	L	I	W	T	S	O	R	A	L	M	N
T	V	I	N	L	I	S	E	U	L	P	W	O	U	M
I	R	D	G	O	E	W	S	C	R	U	I	S	E	S
N	M	Y	W	R	I	E	G	N	I	P	P	O	H	S
G	N	I	T	N	U	H	T	R	A	V	E	L	Y	G
H	A	N	G	G	L	I	D	I	N	G	O	L	F	D

ENTERTAIN ME!

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|--------------------|--------------------|----------------------|
| BOATING | HUNTING | ROLLERBLADING |
| COMPUTER | IPODS | SEWING |
| CONCERTS | MOVIES | SHOPPING |
| CRUISES | NASCAR | SPORTS |
| FISHING | PARTY | TAILGATING |
| GAMBLING | PLAYHOUSE | TELEVISION |
| GOLF | READING | TRAVEL |
| HANGGLIDING | RESTAURANTS | WRITING |

Time is Money...Kiess Kraft Dental Lab understands how important it is for your cases to arrive on time - no delays for you or your patients!
402.391.8424 800.553.9522



Working days in Kiess Kraft Dental Lab:*

- PFMs.....4 to 5 days
- Lava™.....5 days
- Procera.....6 days
- GoldKor.....5 days
- Captex.....6 days
- Empress.....6 days

Please allow extra time for implant restorations. Call ahead for large cases.

- Partial Framework.....4 days
- Cast frame w/bite block.....5 days
- Cast frame, set teeth & finish.....6 days
- Cast frame w/facings.....5 days
- Kiess Flex Partials.....6 days
- Kiess Flex/metal partial...10 days
- Kiess Flex or tooth shaded Clasp.....1 extra day
- Acetal Resin Partial.....10 days (Set teeth & Finish)

- Denture items.....Most items 2 days
- Process acrylic3 days
- Soft liners (dentures)....4 days
- Rebase-Jump.....2 days
- Reline.....1 day

*Pick-up, delivery, and shipping time not incl.

SAVE THE DATE!

Friday, February 8, 2008
 "Real World Endo"
 presents
HOW TO INCREASE YOUR OVERALL PRODUCTION WITH ENHANCED ENDODONTIC PROCEDURES

This lecture/hands-on course will be presented by **Dr. Dennis Brave.**

There will be a lecture as well as considerable time for hands-on instruction. It is AGD approved.

Watch for more information.

THE KIESS RELEASE

Roasted Tomato & Basil Soup

2 cans (28oz each) chopped or diced tomatoes, drained—RESERVE 3 Cups liquid (usually a little less)
2 1/2 TBSP dark brown sugar
1 medium onion, chopped
3 cups chicken broth
1/4 tsp ground allspice
3 TBSP tomato paste
1 can evaporated milk
1/4 cup (about 10 large) shredded basil leaves (or dried basil)
Salt and Pepper

The cooking extravaganza:

Preheat oven to 450 degrees. Line cookie sheet with foil; spray with nonstick cooking spray. Arrange tomatoes on foil in single layer. Sprinkle with brown sugar and top with chopped onion. Bake about 25 to 30 minutes or until all liquid is evaporated and tomatoes begin to color.

Place tomato mixture, 3 cups reserved liquid, broth, allspice and tomato paste into slow cooker. Simmer on low heat, covered for 8 hours. After that time, add evaporated milk and basil; season with salt and pepper. Cook 30 minutes more. ENJOY!!!!



*KIESS KRAFT DENTAL
LAB WILL BE CLOSED ON
THURSDAY, NOVEMBER 22,
2007 (THANKSGIVING DAY) &
FRIDAY, NOVEMBER 23, 2007.*

Have a good Thanksgiving weekend.

