Benefits of Itsoclear

• Saves bench time by producing a higher quality dental esthetic clasp that customers will appreciate while increasing your profit.
• Crystal clear, will not lose its clarity
• Easily adjustable
• Non-abrasive
• No injection machines or hand held injectors required
• Perfect for new partial dentures as well as repairs and replacing metal clasps
• Tooth bearing, not tissue bearing
• Perfect for new partial dentures as well as repairs and replacing metal clasps
• Clasp can be formed for anterior, pre-molar or molar teeth
• Clasps are 90% into undercut
• Extremely durable, unbreakable

In the world of dentistry there are new technologies and innovations that are created to enrich our lives and make things easier for dentists and patients. As dentists, we try and evolve as the world of dentistry reinvents itself in an ever-changing world. I have been practicing for more than 40 years – whether it was in the Air Force or growing my own practice – I have always tried to incorporate the newest inventions such as Visiclear, DuraCetal clasps and most recently Itsoclear to best fit my patients. With the latest progression of the Itsoclear clasp I have found that not only has it made my patients happier but made a huge impact on partial dentures.

There are so many options when it comes to partial dentures in dentistry. Whether you are a fan of metal, flexible or acrylic partial dentures, Dentists must make the decision to which would best benefit their patients. If you are looking for stability, adaptability, longevity, and comfort then metal framework is the best solution. However, most patients today would prefer not to have metal showing when they smile. Unfortunately, until recently the only other option was the flexible partial but the downside has always been less stability, longevity, comfort and adaptability.

That was until Itsoclear was introduced to the world of dentistry. Not only does Itsoclear benefit dental laboratories by cutting down chair time when creating the clasp, but the benefits to dentistry is off the charts.

My patients have the option of getting any type of partial with an Itsoclear clasp, which gives them the best of both worlds. They now have stability, comfort, esthetics, adaptability and longevity that we have been searching for in dentistry.

As for the technique side of dentistry, Itsoclear has made huge strides. Up until the last few years the idea of clasping an anterior tooth was out of the question. As dentists, we try and evolve as the world of dentistry reinvents itself in an ever-changing world. I have been practicing for more than 40 years – whether it was in the Air Force or growing my own practice – I have always tried to incorporate the newest inventions such as Visiclear, DuraCetal clasps and most recently Itsoclear to best fit my patients. With the latest progression of the Itsoclear clasp I have found that not only has it made my patients happier but made a huge impact on partial dentures.

In the case studies below you will see how this was accomplished.

Case Study A

Patient “X” had a metal partial denture created many years ago. Through the years she lost most of her tooth due to perio and advanced decay because of acid stomach. Unfortunately, the only savable teeth were 24, 25, and 26. When I advised that she would need a full lower denture, she refused the full lower. She refused the full lower. My only option was to create an acrylic lower partial using the Itsoclear clasp. Embedding the acrylic partial we were able to give restraint by clasping teeth 23 and 25. After inserting the case, I assured her that in time I would convert the partial lower into a full lower denture but in the meantime she would have great retention with her new partial lower.

Case Study B

Patient “B” came to my office with only teeth 7, 8, 9, and 10 missing. Financially, she was unable to afford implants or fixed bridgework. In this case retention on 6 and 11 as well as esthetics were very important to Patient “B”. A clear partial, which incorporates the Itsoclear clasps, was the answer to her dilemma. In just 3 small steps – which involved impressions, framework try-in and insertion of the case – we were able to give Patient “B” back her beautiful smile.

In both cases we have seen great improvement not only in my patients’ esthetics but also in their confidence. It has become clear to me in the last few years with working with Itsoclear that it truly is the Clear Choice!

About the author:
Daniel C Schwartz, D.D.S., is a graduate of Temple Dental School. While in dental school he was drafted into the United States Air Force. He was able to convinced the Air Force to allow him to finish school so that could enter the Air force as a dentist rather then a civilian to help better serve his fellow serviceman. After graduation he was stationed in Colorado Springs with his wife and newborn daughter where he served as a dentist for a few years. In 1974, he went on to start his own practice in Williamstown, NJ, where he has practiced for 40 years. He is a proud father of four children and eight grandchildren.
The Equipment

The Machine III has been a staple in Keystone Industries’ long-lasting line of highly recommended vacuum former machines. The price, features and reliability make it the first choice in dental vacuum formers. The machine has more power than any other dental vacuum former for a more accurate and definite dental thermoplastic appliance.

Produce bleaching trays, sports mouthguards, implant stints, temporary splints, custom impression trays, denture bases, copings, temporary crowns and bridges, orthodontic appliances and more!

Features:
- Time-tested, easy-to-use system
- Uses 5” x 5” resin sheets
- Available in 110 Volt and 220 Volt
- Machine weight: 22 lbs.
- Symmetrical heating system
- Lightweight, rust-free aluminum frame
- Made in the U.S.A.
- 5-year guarantee on parts and labor

The Role Players

No team is complete without its role players. We offer a full lineup of accessories that help create the best custom fit mouthguard possible.

Miniature Scotch Brite
- Coarse #1670016
- Medium #1670092
- Fine #1670091
MSRP...$25.00 12/Pkg

Z-Bur
#1201995
MSRP...$50.50

Insta Cool
Item# 7000333
MSRP...$22.70

The Original From Keystone

5 Year Warranty

Machine III
110 Volt Item# 7000330
MSRP........$425.50

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Now you can get the same great Diamond D® finish but faster thanks to our new microwave denture processing technique. This process ensures the same great Diamond D® quality, but faster!

Use a conventional microwave, our special flask and our renowned Diamond D® denture acrylic and you’ll be making masterpieces faster and better.

Shift your dentures into high gear with Diamond D® ultra impact denture acrylic
- Unparalleled accuracy and strength
- Timely speed of cure
- Industry standard colors and shades

Diamond D® Microwave Denture Processing Technique - with Keystone’s New Flask

1) Vaseline the inside of flask.
2) Invest model in lower half of flask using a half and half mixture of plaster and stone or all stone (Type III recommended).
3) After gypsum sets, paint plaster and stone separator or Vaseline on gypsum.
4) Put top section of flask into place. Vibrate and pour half and half mixture of gypsum or all stone into flask (Type III stone or flaking stone recommended).
5) After gypsum is set, place flask into a variable stage 500-700 watt microwave for 60 seconds. Adjust wattage to 500 watts.
6) Open flask and remove bulk of wax. Boil out all surfaces with clean boiling water and then use detergent or Diamond D Ultra Wash solution to ensure all wax is removed from gypsum and teeth. Then rinse again with clean boiling water.
7) After steam stops rising from flask paint on first coat of Diamond D Ultra Sep Separator. When first coat dries, apply second coat.
8) Mix 30cc of Diamond D Acrylic to 10ml 20-minute monomer (P/L ratio by volume).
9) Start trial packing procedure before acrylic gets to a snap stage and the acrylic is easy to handle.
10) After trial packing denture, close flask, tighten screws and let bench set for 5 minutes.
11) Place flask in microwave oven and adjust microwave to 100 watts and cure for 8 minutes.
12) After 8 minutes, adjust microwave to 500 watts and cure an additional 2 minutes.
13) Bench cool for 15 minutes and then place in cool water for 10 minutes.
14) Deflask denture and finish.
**Z-Bur**

The special hollowed, fluted design of Keystone’s Z-Bur Diamond Bur is perfect for easy removal of sticky tissue conditioners and pastes commonly used to take denture impressions. The bur also works well in removing most soft liners. Messy removal of materials is eliminated with the Z-Bur action set at a medium speed (15,000-25,000 rpm). The slower cutting speed reduces burning and melting of the liner. The hollowed design also reduces the clogging of carbide and minimizes flying debris. Once the liner is removed the final preparation of the hard surface can be performed with carbide of choice.

Z-Bur

#1201995 ........................................................MSRP $50.50

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**Deluxe Magnetic Articulator with Pin**

The Deluxe Magnetic Articular comes with magnetic split casting to ensure easy removal and exact settings of models. This articulator is excellent for checking cases. It’s completely interchangeable, lightweight and Teflon coated. Incisal pins for the use with denture production.

Deluxe Magnetic Articulator with Pin

#1050074 ..................................................MSRP $73.50

Curved Disc For Deluxe Mag. Articulator

#1050077 .......................................................MSRP $1.40

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**Versacryl Thermo-soft Adjustable Reline**

This unique product has been developed to create thermo-adjustable relines. Imagine having the luxury to simply heat a denture and re-adjust the fit in seconds and if it’s not satisfactory the procedure can be repeated anytime by the dentist, the technician or even the patient themselves.

The Versacryl Reline is not a regular “soft reline” material. It is a heat sensitive liner that softens in warm water between 120°F - 205°F. At body temperature the Versacryl has an extremely comfortable cushiony effect that yields to pressure and actually creates better suction than conventional soft liners.

Lab Kit includes:

- 2 x 50g Powder (clear and pink veined)
- 1 x 60 ml Hardener Monomer Liquid
- 1 x 60 ml Softener Monomer Liquid
- 2 measuring cups, eyedropper and instructions

Heat Cure Lab Kit

#1014032 .....................................................MSRP $206.80

Self Cure Lab Kit

#1014031 .....................................................MSRP $206.80

Reline Kit includes:

- 2 x 50g Powder (pink)
- 2 x 60 ml Pre-mixed Monomer Liquids
- 2 measuring cups, eyedropper and instructions

Heat Cure Lab Kit

#1014034 .....................................................MSRP $206.80

Self Cure Lab Kit

#1014033 .....................................................MSRP $206.80

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**Plasterless Articulator**

The Keystone Plasterless Articulator is simple to operate while still maintaining high quality without plaster. Simply mount the model using the clasping set bolts, which allow for easy attachment and detachment from the articulator.

Plasterless Articulator

#1050150 .....................................................MSRP $325.95

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**Plasterless Articulator**

#1050150 .....................................................MSRP $325.95
Yeti Thowax Sculpturing Wax
Yeti Thowax is an all-natural sculpturing wax that’s suitable for the crown and bridge and inlay technique. Thowax special waxes are specially blended for each individual field of application.

Yeti Thowax Sculpturing Wax, 70g
#1860016 .... Gray #1860064 .... Beige Opaque
#1860017 .... Beige #1860051 ..... Brown
#1860018 .... Beige #1860040 .... Red
#1860017 .... Blue #1860040 .... Red
#1860016 .... Gray #1860064 .... Beige Opaque

Yeti Thowax Sculpturing Wax
MSRP $40.10 each

Mizzy Heatless Wheels
Heatless Original Wheels (grey) are made of a silicone carbide abrasive to make a unique, non-loading binder for rapid reduction through the final shaping of non-precious, semi-precious, precious alloys, porcelain, acrylic, denture teeth and natural dentition, without generating excessive heat. These wheels come in 15 difference sizes and in regular grit. They also withstand a maximum of 20,000 rpm.

The White Heatless Wheels are non-contaminating, aluminum oxide wheels that can be used on either porcelain or precious and semi-precious metal. They cut fast, run true, wear evenly, and won’t ever clog. They also come in 15 different sizes. Sold 50/Box.

Regular
#6130100.........Size 1 3/16” (4.8 mm) x 1” ..........#6150100
#6130200.........Size 2 1/8” (3.1 mm) x 1” .............#6150200
#6130300.........Size 3 3/32” (2.4 mm) x 1” ...........#6150300
#6130400.........Size 4 3/16” (4.8 mm) x 7/8”.........#6150400
#6130500.........Size 5 1/8” (3.1 mm) x 7/8”.........#6150500
#6130600.........Size 6 3/32” (2.4 mm) x 7/8” ........#6150600
#6130700.........Size 7 3/16” (4.8 mm) x 3/4” .........#6150700
#6130800.........Size 8 1/8” (3.1 mm) x 3/4” ........#6150800
#6130900.........Size 9 3/32” (2.4 mm) x 3/4” ........#6150900
#6131000........Size 10 3/16” (4.8 mm) x 5/8”......#6151000
#6131100........Size 11 3/8” (3.1 mm) x 5/8” ......#6151100
#6131200........Size 12 3/32” (2.4 mm) x 5/8” ......#6151200
#6131300........Size 13 3/16” (4.8 mm) x 1/2” .......#6151300
#6131400........Size 14 1/8” (3.1 mm) x 1/2” ......#6151400
#6131500........Size 15 3/32” (2.4 mm) x 1/2” ......#6151500

MSRP $32.95 each

Pro-Form.centri-fuse
The demand of athletic mouthguard customization has grown significantly during the past few years. It’s not uncommon to see professional athletes showing off their custom mouthguards with personal numbers, team logos or phrases on it. That’s why Keystone Industries is thrilled to launch the centri-fuse kit, an innovated product that makes the application of decals to mouthguards quicker, easier and more cost effective.

The adhesive material is applied by using a flameless torch to create superb clarity and excellent adhesion while eliminating bubbles. The material is user friendly and adjustments are made in a matter of a few minutes with conventional tools.

Kit includes: 20 centri-fuse strips, Flameless Torch, Primer, Brush, Scissors, Trimming and Polishing Brush, Pre-printed Decals

centri-fuse Kit
#1009101........................................MSRP $159.95
centri-fuse Replacement Sheets
#1009101........................................MSRP $32.50

Pro-Form Splint Material
This stiff clear material is ideal for hard splints, thin splints, surgical trays, orthodontic retainers and bleaching trays. The material sticks to acrylics for various dental appliances. The versatile splint material will surely be used in any lab or office. Available in 5” x 5” (127 x 127 mm) sheets.

Pro-Form Splint Material
#9614800 0.020 thickness ................MSRP $20.70
#9614830 0.040 thickness ................MSRP $23.80
#9614780 0.060 thickness ................MSRP $27.90
#9614790 0.080 thickness ................MSRP $34.90
#9614820 0.100 thickness ................MSRP $41.40

50/Pkg
625/Pkg
#9614860 0.020 thickness ................MSRP $171.10
#9614880 0.040 thickness ................MSRP $307.55
#9614840 0.060 thickness ................MSRP $346.90
#9614850 0.080 thickness ................MSRP $419.90
#9614950 0.100 thickness ................MSRP $520.90

Pro-Form Splint Material

Pro-Form centri-fuse

Pro-FormSplintMaterial
Our injection moulding process at Keystone Industries allows us to create a plethora of plastic storage boxes that are used in the lab and operatory field. From denture boxes to lab pans, Keystone can cover any need. Choose from various colors and sizes.

The boxes are made of polypropylene that are break resistant and will last a long time.

Our imprinting capabilities are also quite vast. This allows labs/dentists to personalize boxes.

On a 1” (25.4mm) in size box there is room for a name and phone number. On a 2” (50.8mm) size box there’s enough room for the name, address and phone number. Ortho and dentures can accommodate 4 or 5 lines of text. Logos can also be printed, but you must mail or email a black and white original version of the logo. We have a variety of print colors, although we recommend gold or black. We also can accommodate various fonts.

Imprinting colors: White, Teal, Gray, Red, Peach, Maroon, Yellow, Pink, Black, Orange, Brown, Blue, Green, Purple, Aqua, Gold, Silver.

**Flexible Crown & Bridge Boxes**

1” Flexible Plastic Box, 1,000/Pkg
Top and bottom connect with flexible hinge
Size: 1” x 1” x 3/4”; 5/8” bottom, 1/8” top
Imprint Size: 3/4” x 3/4”

2” Flexible Plastic Box - 500/Pkg
Top and bottom connect with flexible hinge
Size: 2-1/8” x 1-5/8” x 3/4”; 5/8” bottom, 1/8” top
Imprint Size: 1-3/4” x 1-1/4”
Available Colors: Dark Blue, White, Cherry Red, Gray, Black and Clear

**High Gloss Ortho Boxes**

Made of flexible plastic, the box has a hinge design and secure latching system to ensure maximum protection. The box is 3/4-inch deep. 12/Pkg.
Available Colors: Assorted Marble, Marble Blue/Pink, Marble Pink/White, Marble Black/White, Light Blue, Dark Blue, White, Yellow, Green, Assorted, Beige, Red.
New Age Colors: Lime, Pink, Orange, Purple, Aqua, Lavender and New Age Assorted.

**Denture Storage Boxes**

Made of high density polypropylene, The boxes are 1-3/4 inches deep, which is able to fit any size denture. 12/Pkg.
Available Colors: Light Blue, White, Dusty Rose, Dark Blue, Yellow, Pink, French Vanilla, Assorted
New Age Colors: Lime, Pink, Orange, Purple, Aqua, Lavender.

**Lab Work Pans**

Lab work pans are a great way to organize your laboratory. Size: 7” x 5” x 2-1/2”. 12/Pkg.
Available Colors: Red, Blue, Green, Yellow, White, Pink, Beige, Mauve, Dark Green, Gray.
New Age Colors: Lime, Hot Pink, Orange, Purple, Aqua, Lavender.

ORDER TODAY! » Call: 1-800-333-3131 » Fax: 856-663-0381 » Visit: www.keystoneind.com

Prices shown are MSRP. We do not sell directly. Orders will be processed through your chosen dealers.
High-shine polishing has always been a difficult process with limited results. But now, Hatho provides a revolutionary buffing system that will take your thermoplastic dental appliance to a whole new esthetic level. In just three easy steps, you’ll give thermoplastic material a shine that has only been found in acrylic materials until now. So see how this new polishing system can completely change your lab completely.

1st step: Pre-Polishing
It’s important to achieve a uniform fine roughness during the first step. You can do this by using a polishing compound with a close spreading of abrasive grit sizes. Polistar Lintygrey pre-polishing compound is the perfect match to get the uniform fine roughness. The success of pre-polishing thermoplastic dentures is very much depending on the volume of abrasives during the polishing process. Both requirements are fulfilled, while using HATHO brush 4280 and HATHO pre-polishing compound Polistar Lintygrey.

HATHO 4280 is a multi-layer brush with fine abrasive Scotch Brite™ layers and white bristles to reach the interdental areas of the denture and to stabilize the edges of the brush. The Scotch Brite™ applied is filled with the same abrasive grit sizes as the Polistar Lintygrey compound. Therefore, a double volume of fine abrasives is in use during this pre-polishing process.

2nd step: Shine Polishing
For this polishing step, HATHO has developed a special polishing cream: The Polistar Cream. The success of this shine polishing step depends greatly on the high concentration of polishing abrasives inside the cream. The Polister Cream is applied together with a very special polishing disc. The COSIMA Soft buff 869 100/14 is a HATHO polishing disc made of fine siliconized cotton cloth. This lint-free buff has a much longer lifetime compared to standard polishing buffs. The silicone layer provides the optimal effect of the cream on the thermoplastic.

3rd step: High-Shine Polishing
An unprecedented high shine on thermoplastics is achieved with two more products offered by HATHO. The MIRA 868 4”x50 H is an extremely soft cotton buff with an extra soft work surface and the strong high shine compound HATHO Polistar Pro Pink. The highly concentrated Diamantino inside the Polister Pro Pink gives the desired high shine to the thermoplastic surface.

Summary
This new three-step polishing process for thermoplastics provides a high-shine finish, which until now was only known for acrylic dentures. Furthermore, this polishing process is much faster than all polishing processes known so far.

1st step: Multi Layer Brush 4280 with Polistar Lintygrey, 90g compound
2nd step: COSIMA Soft 869 100/14 with Polistar Cream, 75g cream
3rd step: MIRA 868 4”x50 H with Polistar Pro Pink, 150g compound

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Available in MAY
LETTER from the VICE PRESIDENT

Welcome to Keystone Marketplace!

Keystone Marketplace strives to be a lab resource and help provide you with tips, products and services Keystone Industries has to offer. Discover how our products can make your lab more efficient and cost effective.

So feel free to browse the Keystone Marketplace and learn about our tried and true products like Diamond D or our new polishing system that will completely revolutionize how you polish thermoplastics to a high-shine. Regardless of what you’re looking for, Keystone Industries is ready to help your lab reach the next level.

At Keystone Industries we do not sell direct. However, we offer the option to call us or shop at our website (www.keystoneind.com) and we will process the orders through your chosen dealers. This ensures you get the great, high-quality Keystone Products at the price you want.

We hope you enjoy shopping at the Keystone Marketplace and we look forward to your business.

Best Regards,

Michael Prozzillo
Vice President of Sales and Marketing

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Keystone Industries’s Double Dowel Pins

Our Double Dowel Pins are state-of-the-art twin pins with die guards and sleeves. They are easy to use with a Pindex Machine. The pins add stability which eliminates rotation. They also are extremely precise with no distortion. Available in 1,000/Pkg. Also, Rubber Sheets are available in 1,000/Pkg.

#1310055 Double Dowel Pins ..........MSRP $111.80
#1310057 Rubber Sheets .................MSRP $17.00

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