

WORRIED ABOUT DENTAL AEROSOL?



INTRODUCTION

Dental practices around the world have been impacted by the unprecedented disruption caused by the Coronavirus (COVID-19) pandemic. In the wake of the virus is the renewed focus on the subject of dental aerosols, which although not new, is certainly a hot topic.

Healthcare workers have always been at risk from infectious diseases. This is as relevant in the dental practice, as in a hospital environment, as the SARS-CoV-2 virus spreads mainly through saliva or discharge from the nose of an infected person.¹ Here is some information that addresses many of the **concerns that have been raised around aerosol-generating dental procedures**, and how you can remind yourself or otherwise incorporate **new or refined measures** into your practice and workflow. Getting equipped with everything you need to get your practice thriving once again will help instill **confidence in you and your team and most importantly your patients.**



SURFACE DISINFECTION
The virus has been shown to survive in aerosols for hours and on surfaces for days.³ After patient discharge, disinfect surfaces with registered hospital level disinfectant.



PPE STAFF
Personal protective equipment for dentists, hygienists and dental assistants is designed to act as a barrier for viral and bacterial contaminants.⁵

PAGE 16



HAND INSTRUMENTS
More frequent use of hand instruments requires highest quality and ergonomically designed instruments.

PAGE 5



IMS™ CASSETTES
It is not recommended to walk in and out of the treatment room during the procedure. Instrument cassettes ensure you have everything well organised and ready at chairside.

MORE INFO



PPE PATIENT
Personal protective equipment for patients in the waiting area and during the treatment.

PAGE 15



HIGH VOLUME EVACUATION
The use of a high volume evacuator is recommended⁴ or mandatory to minimize droplet spatter and aerosols.

PAGE 14



ISOLATION
An exceptional restoration begins with excellent isolation.

PAGE 13



HAND HYGIENE
Follow the WHO guidelines on hand washing and use of alcohol based hand rub.



BARRIER
Appropriate use of surface protection is a basic requirement to help reduce the risks of cross-contamination.

PAGE 18



PRE-PROCEDURAL RINSE
A pre-procedural mouthrinse of 1.5% hydrogen peroxide has been found clinically most acceptable.²

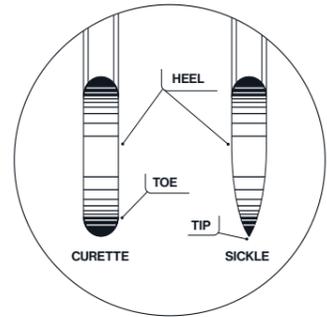
HuFriedyGroup SOLUTIONS

1 https://www.who.int/health-topics/coronavirus#tab=tab_1
 2 <https://www.nationalelfservice.net/dentistry/oral-medicine-and-pathology/mouthwash-reduce-levels-cov>
 3 https://www.nejm.org/doi/full/10.1056/NEJMc2004973?url_ver=Z39.88-2003&rft_id=ori%3Arid%3Aacrossref.org&rft_dat=or_pub%3Dpubmed
 4 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4860938/>
 5 <https://www.fda.gov/medical-devices/general-hospital-devices-and-supplies/personal-protective-equipment-infection-control>



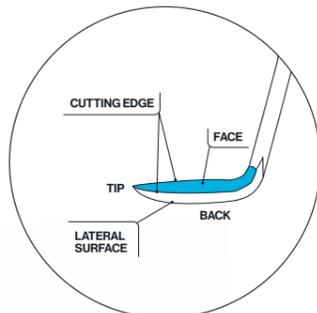
THE ANATOMY OF SCALERS & CURETTES

More frequent use of hand instruments requires highest quality and ergonomically designed instruments.

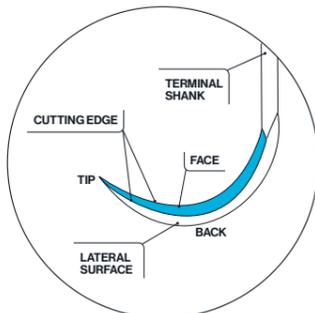


THE SCALER WORKING END

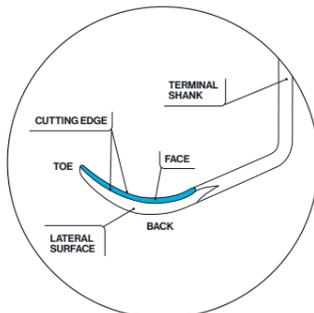
The working end (blade) is made up of several components: the face, the lateral surfaces, the cutting edge and the back. A blade that ends with a rounded tip (toe) is classified as a curette. A blade designed with a pointed tip is classified as a sickle scaler.



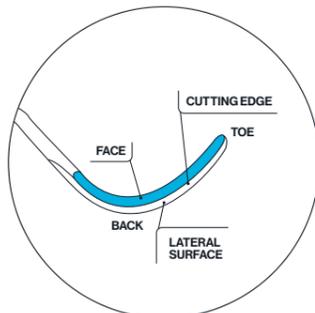
STRAIGHT SICKLE SCALER



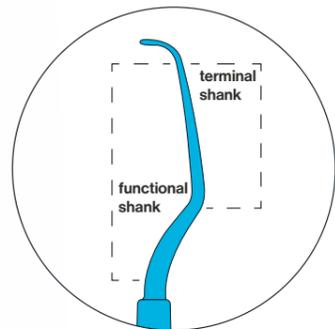
CURVED SICKLE SCALER



UNIVERSAL CURETTE



GRACEY CURETTE



THE INSTRUMENT SHANK

The **terminal shank** extends between the blade and the first bend. The terminal shank position is used to correctly adapt the working end. The length of the terminal shank is a determining factor when selecting curettes for subgingival vs. supragingival access. The **functional shank** length extends from the working end to the handle. The functional shank can be short, long, or moderate in length. Moderate to long functional shanks are needed to reach the tooth surfaces of posterior teeth or root surfaces of teeth with periodontal pockets. Short functional shanks are used to remove supragingival calculus deposits or to reach the surfaces of anterior teeth.



INSTRUMENT HANDLES

Instrument handles are available in a variety of shapes and styles. The following factors should be considered when selecting instrument handles:

- **Weight:** Hollow handles increase tactile transfer and minimise fatigue.
- **Diameter:** Large handles maximise control and encourage a lighter grasp.
- **Serration:** Knurled handles enhance control by providing a positive gripping surface.

Handle Options



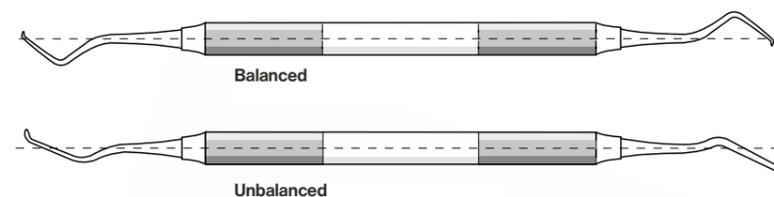
Carpal Tunnel Syndrome Prevention:

Neurologists recommend alternating instrument handle sizes as one means of reducing stress. Larger diameter handles (#6, #7, #C8 and #9) help lighten instrument grasp. Using a combination of various handle sizes plus a more relaxed grasp can help lessen the severity of the symptoms of Carpal Tunnel Syndrome.

Source: Gerwatowski, L.J., McFall, D.B., Stach, D. Carpal Tunnel Syndrome, Risk Factors and Preventive Strategies for the Dental Hygienist. Journal of Dental Hygiene, February 1992.

INSTRUMENT BALANCE

To function most effectively, an instrument should be balanced. A balanced instrument has working ends that are centered within 2 mm of the long axis of the handle line.



SIGN UP TO OUR NEWSLETTER NOW TO RECEIVE OUR EXPERT ADVICE AND UPDATES ON HAND INSTRUMENTS.



PERIO HAND INSTRUMENT RECOMMENDATION

PERIO - BASIC HYGIENE KIT

Basic hygiene kit in case of patients with small amount of calculus, who need just a „simple“ hygiene treatment.



S204SD9E2 Scaler #204SD hdl #9 Sickle



SAS7/897E2 Curette Gracey #7/8 hdl #9 MF oral/buccal, green



SAS11/1293E2 Curette Gracey #11/12 hdl #9 MF mesial, orange



SAS13/1498E2 Curette Gracey #13/14 hdl #9 blue MF distal

IME14DIN5_
IMS™ Infinity Series™
¼ DIN Cassette
for 5 Instruments



HANDLE OPTIONS



Handle 9



CCH - Smooth Handle



Resin 8 Colors

HU-FRIEDY IMS™ INSTRUMENT MANAGEMENT SYSTEM

By standardising your instruments with IMS™, it allows clinicians to move instruments from cleaning through to chairside without touching or damaging the instruments. The instruments are ready to use at chairside, safely packaged and organised by procedure.

- 0 = Red
- 1 = Grey
- 2 = White
- 3 = Orange
- 4 = Purple
- 5 = Yellow
- 6 = Lavander
- 7 = Black
- 8 = Blue
- 9 = Green
- 11 = Ocean Blue

CHOOSE THE COLOR OF YOUR CASSETTE

Just add the color coding number to the last part of the partcode (replace “_” with the number)

PERIO - TOTAL HYGIENE KIT

1st part to remove heavy calculus (this part replaces the piezo hygiene treatment)



SU15/309E2 Scaler Towner Jacquette #U15/30 hdl #9



SM239E2 Scaler #23 hdl #9



S204SD9E2 Scaler #204SD hdl #9 Sickle



SG7/8R9E2 Curette Gracey #7/8 hdl #9 Rigid



SG11/12R9E2 Curette Gracey #11/12 hdl #9 Rigid mesial



SG13/14R9E2 Curette Gracey #13/14 hdl #9 Rigid distal

2nd part to complete the hygiene session



SAS7/897E2 Curette Gracey #7/8 hdl #9 MF oral/buccal, green



SAS11/1293E2 Curette Gracey #11/12 hdl #9 MF mesial, orange



SAS13/1498E2 Curette Gracey #13/14 hdl #9 blue MF distal



IME12DIN10_
IMS™ Infinity Series™
½ DIN Cassette
for 10 Instruments



WHAT HAND INSTRUMENT USERS SAY ...

“ Hu-Friedy hand instruments have always led the line in quality, longevity and instrument effectiveness. The ergonomic metal handles are well balanced and help users maintain a light controlled touch. The instruments themselves also sharpen extremely well so that they can be maintained long-term. Whilst ultrasonic use is not prohibited in the UK, we are tasked with minimising risk for our patients in this time of pandemic and have various guidelines to help us with this. We therefore aim to minimise aerosols and the use of ultrasonics where possible. It has now become even more important to have hand instruments that one can rely on.

Dr Richard Horwitz,
Specialist in Periodontics,
Private Practice
London UK

“ ... The occupational „transmission path - droplet infection - through aerosol mist“ has been a focus, questioned and discussed many times over the past few months. Because the use of aerosol-forming measures should be minimized, sometimes even completely avoided - when performing professional tooth cleaning or supporting periodontal therapy we were encouraged to carry them out with hand instruments. The combination of mechanical and manual instrumentation, linking the advantages of both treatment options, has been my personal “prophylaxis concept”. Nevertheless, as a trained dental hygienist, we can help our patients with manual instrumentation, through our specialist knowledge, an atraumatic, targeted and individual application, to keep oral health in balance.(...)

Swetlana Fehler, Hygienist, Germany

“ Here in the United Kingdom we have been now been allowed to work as the lockdown has eased, but under restrictions of not utilising any aerosol generating procedures. Therefore it's been a change for our patients as they are used to ultrasonics being used in the maintenance phase of periodontal therapy. But our patients are adaptable, like we are in these changing times, so utilising hand instruments for treatment has not been an issue for them. I love Hu Friedy instruments, they are beautifully designed to be ergonomic for the clinician and specifically designed to do the job.

Amit Patel, Specialist in periodontics and implant dentist,
United Kingdom

“ ... I personally believe that hand instruments are essential in dental hygiene. An important requirement in addition to basic technical knowledge and precise use is the sharpness of the instruments. An ergonomic handle structure is also an advantage. I would not want to do practice without hand instruments because when working in the subgingival area I have more tactile feeling than with mechanical alternatives. (...) Therefore I would like to (...) also emphasize instrument maintenance. Because in this area we need clear systems, QM checklists, work instructions and clear workflows in order to be able to guarantee the best possible care for our patients (...).

Nancy Moder, Hygienist, Germany

“ One of the major benefits of using hand instruments when treating patients with perio pathology is the fact, that these instruments are easily adapted to any surface of the root, do not overheat the surface of a tooth during SRP and of course they do not create aerosol(...). The last feature is exceptionally important during COVID-19 pandemic. Instruments are continuously upgrading which is a result of a tight coordination between HF and practitioners. (...)

Dr. Tamara Volinska, PhD, Ukraine

“ While cleaning the teeth, you want to prevent contact with aerosol as much as possible. The most appropriate method to prevent this is to treat your patients with hand instruments. As a dental hygienist I have been very successful in treating complex periodontitis patients for 38 years. From day one I use Hu-Friedy scalers and cures for this. Hu-Friedy has developed the scalers and cures in such a way that the instrument lies comfortably in the hand. The instrument is easy to insert sub gingival due to the special angle of the shaft of the instrument.

This allows you to adequately remove the supra calculus and to optimally clean the deep pockets with the EverEdge™ Cures. (...)

Pascale D. Hemelrijk,
Hygienist, Netherlands

“ (...) To remove clear aligner attachments, the first thing we will think about will surely be to use rotaries: turbine or contra-angle. Another option (I could say practically unknown) is to use an orthodontic plier to remove adhesives. The advantage is that with the pliers, you do not have to use the rotary and cooling, so it does not emit aerosols. Although at first glance it is similar to the strip removal pliers, it is different. The difference is that the active arm stripper (which rests on the vestibular band) is not aligned with the plastic stops (which rest on the occlusal). The other difference is that the 'blade' on the active arm is replaceable so it can be changed if it breaks or wears out. (...)

Dr. Manual Román,
Orthodontist, Spain

STAY SHARP... LITERALLY!

WHY USING SHARP INSTRUMENT IS CRUCIAL TO EFFICIENT PATIENT CARE?

Any skilled dental hygienist understands that using sharp instruments is crucial to efficient patient care. Not only are sharp instruments advantageous for the patient, quality sharpness also benefits the dental hygienist as well. While there are a multitude of instruments to choose from in the dental hygiene profession, certain instruments such as Hu-Friedy's EverEdge™ 2.0 exceeds expectations in many regards. EverEdge scalers improve palpable sensations, thus augmenting the efficiency of scaling and periodontal debridement. Due to advancements in technology, Hu-Friedy's EverEdge 2.0 scalers are 50% sharper than the next scaling competitor.* Compared to the Amercian Eagle XP scalers, EverEdge 2.0 is actually 63% sharper, even after 500 strokes.* The newer metal of the EverEdge 2.0 instruments allows the cutting edge to maintain sharpness longer than traditional metals, thus reducing the frequency of sharpening. This is not to say that an EverEdge 2.0 scaler will last a lifetime, but the longevity outlast other scalers in the market. With the optimized heat control process to help maintain the sharp stainless steel cutting edge, the EverEdge 2.0 means more comfort for the patient and clinician. **The clinician feels greater control of the instrument, along with the specifically designed large diameter handle for optimal weight leading to reduced hand fatigue. Meanwhile, less discomfort is experienced by the patient since the clinician is using fewer strokes and is applying less pressure during scaling.** Coated instruments, on the other hand, such as the American Eagle instruments made with XP

technology, have limitations in their design. Instead of the titanium nitride coating being embedded in the steel, the coating actually encapsulates the blade of the instrument and can be removed when the blade is pressed against a hard surface (the tooth). Consequently, once the coated layer has flaked off or is removed, the instrument is no longer effective. After the coating is missing, the instrument should be discarded. Contrary, the EverEdge 2.0 scalers can continue to be sharpened to generate a functionally sharp cutting edge. **Ultimately, using sharp instruments will lead to successful clinical outcomes. Practitioners and patients alike benefit from advanced manufacturing processes with scalers like the EverEdge 2.0.**

Jennifer Harmon is a Clinical Assistant Professor in the department of Dental Ecology at the University of North Carolina School of Dentistry in Chapel Hill, NC. Jennifer's experience expands beyond clinical, with backgrounds in both education and research. In her current role, she is the course director for Preventative Therapies and Periodontal Scaling as well as Dental Hygiene Theory. Jennifer has authored articles in multiple publications and speaks on a variety of dental hygiene related topics; with a focus on advanced periodontal instruments and ergonomics. When not educating or speaking, you might find her volunteering or coaching. She has a passion to improve the clinical teaching environment and the quality of patient care.

**Ms. Jennifer
Harmond**



* Products tested: Hu-Friedy® EverEdge™ 2.0 H7, American Eagle XP H6-7, PDT H6-7, LM EM/EN H6-7, and GM Hartzell H6-7. Hu-Friedy cooperated with CATRA, an independent specialized blade laboratory, to conduct this testing. For more information, contact David Platt, Hu-Friedy Mfg. Co., LLC, 3232 N. Rockwell St, Chicago, IL 60618.

THE BEST OF EVEREDGE™ 2.0

- 
STAYS SHARPER EVEN LONGER
 EVEREDGE™ 2.0 uses a new, optimised heat control process in order to maintain the hard, sharp edge. This heat control, plus several manufacturing high technology steps in Hu-Friedy's proprietary process, provide the durability needed for effective procedures and continued use
- 
UNCOATED PERFORMANCE
 Similar to the original EVEREDGE technology, our proprietary processing ensures that the superior edge retention and wear characteristics of EVEREDGE 2.0 will last the entire life of the instrument. Since it's not a superficial coating, these characteristics can't be sharpened or scraped away. EVEREDGE 2.0 scalers can be resharpened at any point to extend their life
- 
REVOLUTIONARY TESTING SYSTEM
 Hu-Friedy has invested in a custom blade evaluation system to ensure clinicians are receiving the sharpest possible instruments. Blades from every batch of EVEREDGE 2.0 are tested right off the factory line to confirm that the sharpness value remains in our target range, averaging 5 newtons of force required to test the material
- 
NEW FINELY-HONED FINISH
 EVEREDGE scalers are sharp...EVEREDGE 2.0 scalers are even sharper. Using an enhanced finishing process, Hu-Friedy's professional artisans are creating edges that are scientifically measured to be over 60% sharper than the next closest competitor. Less force means easier, more comfortable scaling for the clinician and patient
- 
DIAMOND KNURL METAL HANDLE
 The same EVEREDGE handle you love! The unique diamond knurl pattern on the large diameter handle provides a confident and comfortable grasp. The #9 EVEREDGE handle was also designed to be the optimal weight for reduced hand fatigue





INSTRUMENT SHARPENING SCALERS & CURETTES

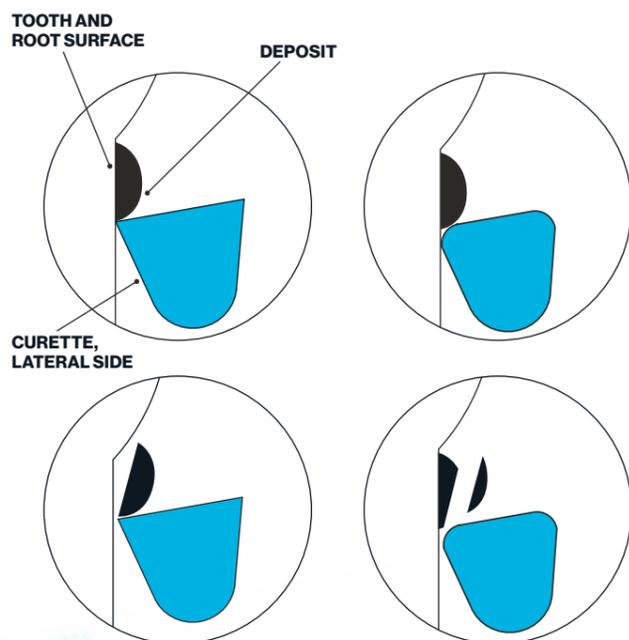
Instruments should be kept sharp and true to their original design. In addition, dental procedures are most effective with sharp instruments.

SHARP CURETTE (CROSS SECTION)

Sharp instruments remove entire deposits.

DULL CURETTE (CROSS SECTION)

Dull instruments only "burnish" or remove part of a deposit.



HOW TO RECOGNISE A DULL INSTRUMENT

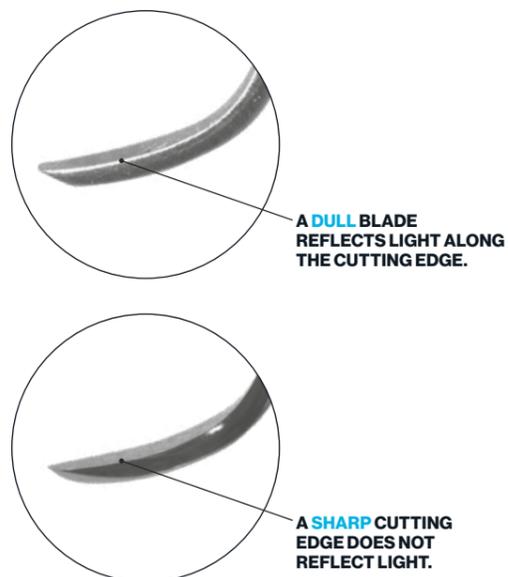
1. The instrument does not grab or bite.
2. More pressure is needed for effective instrumentation.
3. Repeated strokes are necessary to remove the deposit.

HOW TO DETERMINE INSTRUMENT SHARPNESS

- A. Plastic test stick: To test sharpness with a plastic test stick, apply the cutting edge to the stick and evaluate the "bite" as the edge takes hold. If there is not a "bite," the instrument needs sharpening.
- B. Visual inspection: To test sharpness by visual inspection, a bright light (and if possible, a magnifying glass) is required. Hold the instrument under the light and rotate until the edge is facing the light. If you can see light reflecting off the cutting edge, then the instrument is dull.

IMPROVE CALCULUS REMOVAL
SAVE TIME
MINIMISE PATIENT DISCOMFORT
REDUCE FATIGUE
IMPROVE TACTILE SENSITIVITY

VISUAL INSPECTION



PTS
Plastic Test Stick,
7,6 x 6 cm,
available in
packages
of 6.

DIAMOND SHARPENING CARDS

- Uniform coating of industrial diamonds bonded to high quality stainless steel provides an extremely hard, flat surface for instrument sharpening.
- Durable surface resists grooving and ditching; remains flat after repeated use and will not break if dropped.
- Easy clean-up via ultrasonic cleaner and steam sterilisation.
- Thin credit-card size shape allows sharpening cards to fit sterilisation pouches or cassettes.



DSCSET
Extra Fine, Fine and Medium Grit
Diamond Sharpening Cards

SIDEKICK™ SHARPENER

- Designed for routine maintenance sharpening of scalers and curettes.
- Cordless, for use anywhere in the dental office.
- Instrument Guide Channels and Vertical Backstops are "template-like" guides that help control blade angulation, providing consistent results.



SDKKIT
Sidekick Sharpening Kit includes: Sidekick Unit, User Manual & CD-ROM, Ceramic Sharpening Stone, Plastic Test Stick, Magnifying Lens and 2 AA Batteries.



DUAL GRIT SHARPENING STONE

- Restores the cutting edge on dull instruments.
- No lubrication needed.
- Features a coarse ceramic side for recontouring and a light ceramic side for finishing and honing.
- 10.2 x 1.6 x 2.5 cm



SSDGRIT
Sharpening Stone
Ceramic, dual grit

WE SHARPEN FOR YOU SHARPENING SERVICE

Our newly upgraded technical care center, based in our facilities in Germany, further increases our goal of maximising the useful life of our instruments. This post-sale service allows dental professionals to ensure their instruments always perform at their best and for the longest time possible.

Contact our experts for more information, please send us your enquiry:

HFETechService@hu-friedy.com



WATCH OUR
VIDEO ON HOW
TO SHARPEN



FREE DOWNLOAD:
SHARPENING
MANUAL

CONTACT YOUR **HU-FRIEDY REPRESENTATIVE**
NOW TO LEARN MORE ABOUT **SHARPENING**
TECHNIQUES TAILORED FOR YOUR NEEDS.



ISOLATION

An exceptional restoration begins with excellent isolation

Isolation provides a dry, clean field to work within, improves visibility and decreases the risk of patient aspiration. The restoration, as well as the patient's overall health, is enhanced with proper isolation.



Black Line Rubber Dam Clamps

Hu-Friedy's 48 clamps, made in the USA from proprietary stainless steel, provide full-mouth coverage.

- SATIN STEEL™ which resists corrosion while aiding in flexibility and memory
- A dark coating allowing for improved intraoral contrast and visual acuity
- Matte finish for decreased light reflection and glare
- Gauge measurements: Medium 0.165-0.200 / Avg 0.18 mm.

[CLICK HERE](#)
FOR PART CODES AND VARIATIONS



Dental Dam, Non-Latex**

- Not made with natural rubber latex.
- Use of non-latex products drastically reduces risk of allergic reactions for both patients and staff.
- Manufactured from polyisoprene.
- Does not contain carbamate esters.
- High tear strength.
- Gauge measurements: Medium 0.165-0.200 / Avg 0.18 mm.

19500
15,2 x 15,2 cm, Medium, Purple, Peppermint, 15 Sheets/Box



Would you like to discover some tips and tricks to achieve a perfect isolation?

Do you know which are the preparation tools and how to use them? Preheated composite, flowable composite or dual-cure cement for overlay composite luting?

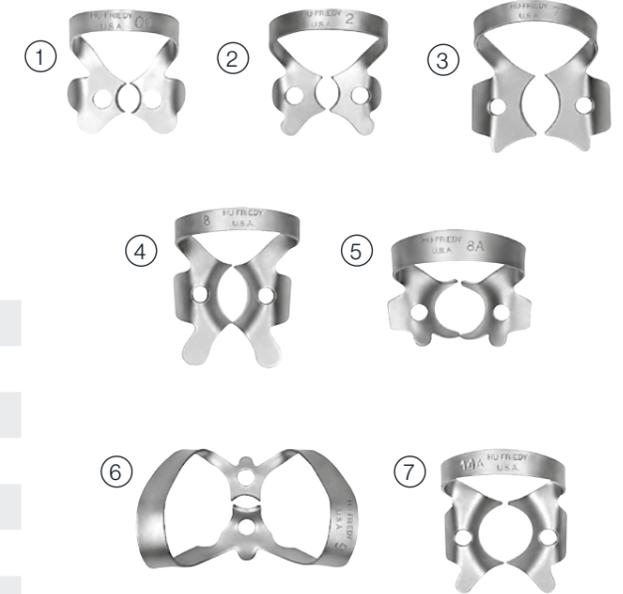
[CLICK HERE](#) TO CHECK THIS OUT AND MUCH MORE ON [WERESTORE.IT](#) CHANNEL.

Clinical image courtesy of Dr. Paolone and Dr. Scolavino



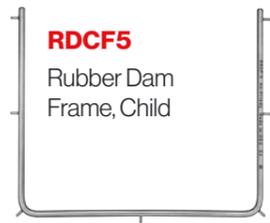
RDCSET7
Rubber Dam Clamp
7 Pack

- ① **RDCM00** #00 Satin Steel Rubber Dam Clamp
- ② **RDCM2** #2 Satin Steel Rubber Dam Clamp
- ③ **RDCM7** #7 Satin Steel Rubber Dam Clamp
- ④ **RDCM8** #8 Satin Steel Rubber Dam Clamp
- ⑤ **RDCM8A** #8A Satin Steel Rubber Dam Clamp
- ⑥ **RDCM9** #9 Satin Steel Rubber Dam Clamp
- ⑦ **RDCM14A** #14A Satin Steel Rubber Dam Clamp

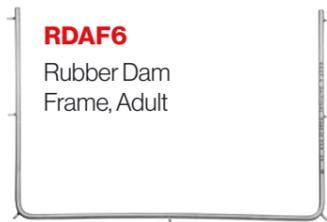


RDPA
Rubber Dam
Punch-Ainsworth

RDF
Rubber Dam
Forceps



RDCF5
Rubber Dam
Frame, Child



RDAF6
Rubber Dam
Frame, Adult



RDCOB
IMS™ Rubber Dam Clamp
Organisation Board
for 8 clamps



IMS-1273
IMS™ Accessory
Box, large



IMS-1271
IMS™ Accessory
Box, small



IMEDRDAM
IMS™ Infinity Series™
DIN Collection
Rubber Dam Kit



PPE STAFF & PATIENT

Personal protective equipment for operator, staff and patients are designed to act as a barrier for viral and bacterial contaminants.⁵



Kit Operator, Assistant and Patient*

The individually packed kits are composed in configuration ideal for achieving a good level of isolation. Each set includes the necessary disposables to protect operator, assistant and patient during the daily procedures.

We are happy to consult you on the large variety of components available in our portfolio. The individual packs can be customized upon the specific needs and by procedure, creating a perfect organizational tool when used together with the IMS cassettes system.

 [CLICK HERE](#) FOR PARTCODES AND VARIATIONS

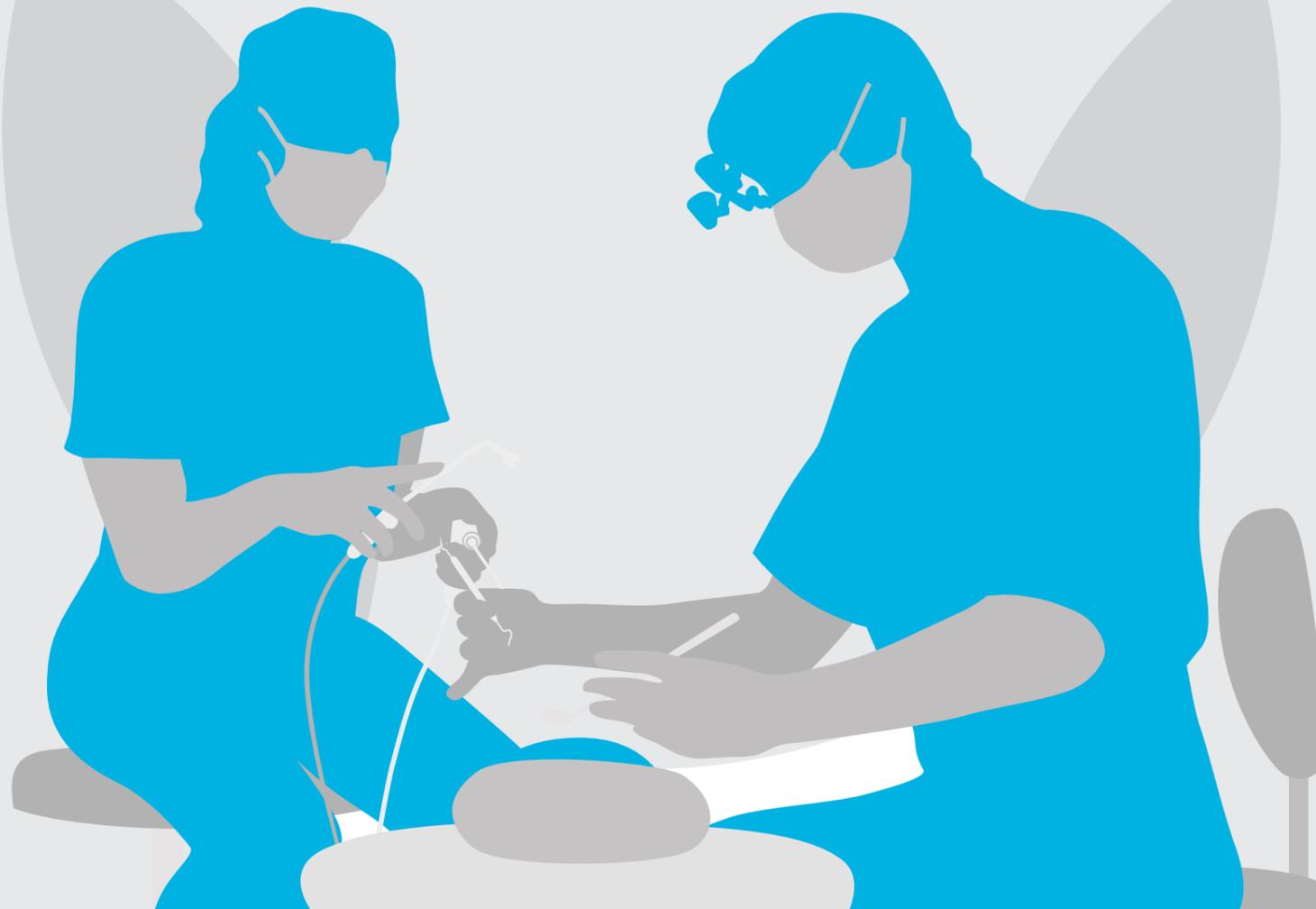
PATIENT PROTECTION



STAFF PROTECTION



OPERATOR PROTECTION



WATCH OUR VIDEO ON GUIDELINES FOR THE PREPARATION OF A STERILE SURGICAL ROOM



VISIT OUR KNOWLEDGE HUB FOR EVERYTHING YOU NEED TO BE THE BEST IN PRACTICE



HIGH VOLUME EVACUATOR TIPS

The use of a high volume evacuator is recommended⁴ or mandatory to minimize droplet spatter and aerosols.



HVE COMBO-TIP™ Evacuators**

- Manufactured from high density polyethylene.
- 2 tips in one – vented on one end to prevent adhering to oral tissue and non-vented on other end like traditional tips
- Unique “S” tip design eliminates sharp edges enhancing patient safety and comfort.
- Stiff, firm construction allows for cheek retraction.

ZET

COMBO TIP™, White, 100/Bag



MaxVac Plus with Color™ COMBO TIP™**

- Identical to the COMBO TIP™ in design but in 5 décor-pleasing colors.

ZETMVBL	Blue, 100/Bag
ZETMVGR	Green, 100/Bag
ZETMVPK	Pink, 100/Bag
ZETMVLV	Purple, 100/Bag
ZETMVYE	Yellow, 100/Bag
ZETMVP	Assorted (2 bags per color per case), Case 10/Bags



WORRIED ABOUT DENTAL AEROSOL WHEN REMOVING ORTHODONTIC ADHESIVE?



Adhesive Removing Pliers

Reversible, replaceable blade is used to remove the bulk of composite material after debonding attachments.

678-206

(Replacement blade: **678-001**)



DID YOU KNOW?

INSTRUMENT LUBRICANTS ARE IDEAL FOR: FORCEPS, RONGEURS, PLIERS, NEEDLE HOLDERS, ORTHO PLIERS, ETC.



BARRIER

Appropriate use of surface protection is a basic requirement to help reduce the risks of cross-contamination.



Adhesive Films*

Anticross and the adhesive film Barrier Film have been specifically conceived to rapidly and simply isolate all tools like the mouse, control panels and keyboards. They are absolutely necessary to protect the equipment from harmful chemicals and to interrupt the indirect infection or cross-contamination chain. Anticross is a film to be cut to size, designed to obtain the best fit for any need. Barrier Film is a pre-cut film that can be easily used in the desired size.

[CLICK HERE](#) FOR FACTCODES AND VARIATIONS



Sheaths for Handpieces and Air-water Syringes*

Omnitex latex or nitrile sheath is ideal to be used in daily clinical practice, as it reduces the bacterial load and the organic microfilms that make sterilization predictability difficult. Omnitex U (universal) is indicated for the protection of turbines, micromotors, contra-angles, dental scalers/curettes, electric scalpels, etc. Omnitex C (conical) is indicated for the protection of air-water syringes, suction cannulas, etc.

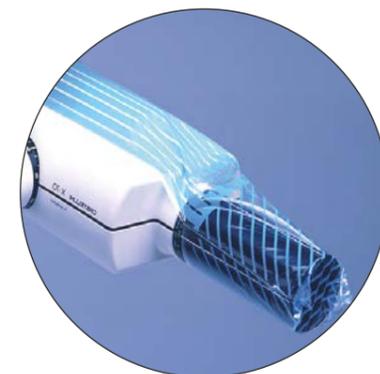
[CLICK HERE](#) FOR FACTCODES AND VARIATIONS



Protective Sleeves*

Tublex is a disposable sheath designed to cover suction tubes and prevent contamination. The special adhesive on its end part is for fastening. Available in two sizes.

[CLICK HERE](#) FOR FACTCODES AND VARIATIONS



Ray Barrier*

Ray Barrier is a protection sheath designed to cover the end part of the X-ray unit, which is more susceptible of being directly contaminated during the X-ray exam.

[CLICK HERE](#) FOR FACTCODES AND VARIATIONS



WATCH THESE VIDEOS BY OUR PARTNER



AEROSOL: ELECTRIC HIGH-SPEED VS. TURBINE



AEROSOL: FACT VS. FICTION

REFERENCES AND FURTHER INFORMATION

- 1 https://www.who.int/health-topics/coronavirus#tab=tab_1
- 2 <https://www.nationalelfservice.net/dentistry/oral-medicine-and-pathology/mouthwash-reduce-levels-covid-19-mouth/>
- 3 https://www.nejm.org/doi/full/10.1056/NEJMc2004973?url_ver=Z39.88-2003&rfr_id=ori%3Arid%3Acrossref.org&rfr_dat=cr_pub%3Dpubmed
- 4 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4860938/>
- 5 <https://www.fda.gov/medical-devices/general-hospital-devices-and-supplies/personal-protective-equipment-infection-control>

Stay informed on all things COVID-19:

Below are resources from European Centre for Disease Prevention and Control (ECDC), Centers for Disease Control (CDC) and World Health Organization (WHO), as well as dental-specific resources upon the specific European Countries Regulations that we have created to break down the information and support you further. This page will continue to be updated with new information as it becomes available:

<https://imsuser.hu-friedy.eu/en/resources/stay-informed-post-covid-19-guidelines/>

Ergonomics in the dental office:

<https://www.hu-friedy.com/blog/dental-office-ergonomics>

Instrument sharpening:

Free eBook sharpening manual:

https://www.hu-friedy.com/sites/default/files/2018-07/Hu-Friedy_Its_About_Time_Manual_eBook.pdf

Free instrument sharpening video

<https://www.youtube.com/watch?v=z05sQSYpxJs>

Dental Practice in the era of SARS-CoV-2 pandemic:

A checklist to enhance safety and good practice. Download free e-book by F. Graziani et al. now:

<https://www.edizionimartina.com/edizionimartina/dettaqlitesti/651.asp>

Centers for Disease Control and Prevention:

Aerosol and Surface Distribution of Severe Acute Respiratory Syndrome Coronavirus 2 in Hospital Wards, Wuhan, China, 2020; Zhen-Dong Guo et al.

https://wwwnc.cdc.gov/eid/article/26/7/20-0885_article

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Disclaimer: This information is not a guideline but a suggestion document based on the limited available resources. Please make sure to follow the legal requirements in your country issued by the government and relevant institutions. Information in this document may also be superseded as new studies to the novel Covid-19 pandemic emerge.

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