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A WORD FROM

OUR MARKETING EXECUTIVE

look who's back!



Ruby Booker, Marketing Executive

Hi I'm Ruby, you may recognise me from my time at Dental Sky from 2016 – 2019! I am so excited to have rejoined the team as the Marketing Executive!

Since starting my new role at Dental Sky in November 2021 I have been busy putting together marketing plans and content to ensure we are delivering key brand messaging to all our customers. I've also been posting to our social channels so be sure to give us a follow @dentalsky

In this jam-packed issue of Dental Sky News we speak to the amazing team over at DentAid to see some of the fantastic work they've been doing.

We also speak to Rebecca Power and Sary Rahma on how training can help you and your team prepare for a dental emergency.

Be sure to check out our spotlight pages for some amazing great deals on your favourite products

FEATURED PRODUCT

FLOWFLEX COVID19 ATERAL FLOW TESTS

The Flowflex SARS-CoV-2 Lateral Flow Rapid Antigen Test provides an aid in identifying individuals suspected of an active COVID-19 infection within the first seven (7) days of the onset of symptoms.

Click here to confirm approved status on gov.uk (Acon Biotech - Flowflex)

- Cassette Format
- UK Government Validated
- CE approved and ISO certified
- Detects the nucleocapsid protein antigen from SARS-CoV-2 Nasal Specimen sample
- Results in 15 minutes

Relative Sensitivity: 97.1% (83.8%-99.9%)* Relative Specificity: 99.6% (97.7%-99.9%)* Accuracy: 99.3% (97.5%-99.9%)*

*95% Confidence Intervals

Acon Flowflex Self Testing COVID Test SARS-CoV-2 Antigen Rapid - Single 377-0034 £3.49

 $Contains: 1 \times Individually sealed \ test \ cassette, 1 \times Individually \ sealed \ swab \ (2.5 cm \ into \ the \ nostril), 1 \times Pre-filled \ buffer \ tube, 1 \times Instructions$









Healthcare products

Regulatory Agency





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4% articaine with epinephrine 1:100,000 or 1:200,000 in 1.8ml cartridges. Orabloc from Pierrel gives you everything you would expect from articaine with epinephrine and is also manufactured in aseptic conditions for increased benefits.

- Rapid onset of anaesthesia
- Less degradation of epinephrine during aseptic production resulting in only 10% overage of epinephrine compared to 15% in other anaesthetics.
- Improved shelf life of 24 months at room temperature
- A stable pH of the solution (necessary to reduce soreness injection) during the life of the product - in aseptic production pH change does not occur.
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165-0004

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An innovative needlestick Safety System from Pierrel, the makers of Orabloc, that reduces exposure to contaminated anaesthetic needles in dentistry prior to the point of needle disposal.

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- 100 capsules in each device will protect needles for 100 injections.
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THE WAND®

Orabloc 1:200,000 (50)

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The Wand handpiece provides unparalleled tactile control and increased comfort with a unique pen-like grasp and Feather-like weight, increasing precision and visibility for the provider and reducing anxiety in patients.

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STA Safety Handpieces (40) STA Standard Handpieces (50)











Orabloc



4% articane hydrochloride with epinephrine solution for injection 1:100,000 and 1:200,000

Perfectly Preserved A great new idea in anaesthesia

Orabloc from Pierrel gives you everything you would expect from articaine with epinephrine and is also manufactured in aseptic conditions for increased shelf life.

Orabloc is used for the local anaesthetisation of dental treatments in adults, adolescents and children from 4 year old, including:

- Surgery of the oral mucosa or bone in which a greater reduction in blood flow is important
- Surgery of the dental pulp
- Removal of broken teeth
- Longer surgical interventions
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- Removal of cysts
- Surgery in the gum area or at the gum-tooth margin
- Removal of root apices

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Orabloc 1.8ml 4% Articaine 1:200,000 (50) Orabloc 1.8ml 4% Articaine 1:100.000 (50)





THERAPEUTIC INDICATIONS: Local or loco-regional dental anaesthesia in patients of at least 4 years in case of classic or muco-gingival operations or dental surgical procedures where bone removal is necessary.

DOSAGE AND ADMINISTRATION: For most common operations, one infiltration with 1.7 ml is sufficient. Do not exceed the equivalent of 7 mg articaine hydrochloride per kilo of weight. Dosage in children should be commensurate with their weight. When Orabloc is used in children and adolescents, the minimum volume necessary to achieve adequate anaesthesia should be used. The injection quantity is to be dosed individually according to the child's and adolescents age and weight. A maximum dose of 5mg articaine per kg body weight should not be exceeded.

CONTRA-INDICATIONS AND PRECAUTIONS FOR USE: Hypersensitivity to any local anaesthetic agent or any component of ORABLOC. Do not use ORABLOC in patients who have experienced bronchospasms after administration of products

SPECIAL WARNINGS: ORABLOC should be used with caution in patients with hepatic disease, thyrotoxicosis, cardiovascular disease, abnormalities of cardiac conduction, epilepsy, and in diabetic patients. Intra-vascular injection is strictly

Resuscitative equipment, anti-convulsant medicines and other resuscitative drugs should be available for immediate use. The product should only be used in pregnancy when the benefits are considered to outweigh the risks.

ABILITY TO DRIVE AND USE MACHINES: No demonstrated effects upon motor coordination, however subjects who suffer adverse effects should not drive or use machines until symptoms have resolved.

INTERACTIONS: ORABLOC should be administered with caution to any patient receiving drugs with sympathomimetic properties or with agents whose therapeutic actions may be antagonised by adrenaline. Articaine should be given with caution in patients receiving an antiarrhythmic agent.

UNDESIRABLE EFFECTS: Hypersensitivity, overdosage or intra-vascular injection may result in excitatory or depressant manifestations of the CNS, depressant cardio-vascular reactions, respiratory and allergic reactions. Patients with peripheral or hypertensive vascular disease may develop ischemic injury or necrosis.

PHARMACEUTICAL PRECAUTIONS: Store in the original container, below 25°C. Protect from light.

PHARMACEUTICAL FORM: Solution for injection contained in 1.8ml

LEGAL CATEGORY: POM. FOR FURTHER INFORMATION CONTACT THE PRODUCT LICENCE HOLDER: Pierrel Pharma S.r.l. Strada Statale Appia, 46/48 – 81043 Capua (CE) Italy.

ORABLOC 1:200,000 PL 42405/0002, ORABLOC 1:100,000 PL 42405/00



INTRODUCTION

Despite recent advances in oral cancer treatment, the survival rates of affected patients are still low and do not exceed 60% globally five years after diagnosis.

The disease aggressiveness, the anatomical complexity of oral sites and the stage of the disease at the time of diagnosis are the main reasons for the high mortality of these malignant tumors, the morbidity associated with therapies and the deterioration of the patient's residual quality of life.

Over 85% of oral malignant tumors originate from the epithelium of the oral mucosa as oral squamous cell carcinomas (OSCC).

They are in most cases preceded by diseases and lesions of the mucosa which are not still malignant tumors but that can transform and develop as cancers.

Patients with early-stage oral cancers often present only vague symptoms with minimal oral mucosal lesions. Early identification of signs, symptoms and lesions related to oral premalignant doseases or cancers can reduce the mortality and the morbidity.

PMOLs or potentially malignant oral lesions, previously known as oral precancerous

are areas of genetically altered tissues more likely than normal oral mucosa to transform in cancers. The most frequent PMOLs are leukoplakia, erythroplakia, lichen planus and submucosal fibrosis.

Oral erythroplakia is a red plaque or patch of the oral mucosa that cannot be clinically diagnosed as any other known disease or condition.

The reported prevalence varies between 0.02% and 0.2%. Oral erythroplakia is the PMOL with the highest rate of malignant transformation and in over 50% of cases evidentiates the presence of malignant tissues with histopathology.

Oral erythroplakia is often asymptomatic and sometimes difficult to find with the clinical examination.

If a persistent red area of the oral mucosa is still observed after 14 days from the first visit, a diagnostic biopsy with histopathology is always required to reveal the characteristics of the pathological tissue and the possible presence of dysplasia or malignant tissue.

In recent decades, devices have been introduced into clinical practice that allow the visual inspection of the so-called "autofluorescence" (OFI) of the oral mucosa during the clinical examination of the oral cavity.

Devices for the detection of the autofluorescence of the oral mucosa can be used and useful to improve the identification of areas of inflammation or premalignancy or cancer, in order to improve the selection of

areas where to perform the diagnostic biopsy and/or to control the progression and results of surgical and medical care of the affected patient.

CLINICAL CASE PRESENTATION

The clinical case of a 62-year-old man suffering from erythroplakia of the oral cavity is described, where the incisional biopsy examination histologically showed severe dysplasia while the histopathology of the subsequent surgical removal demonstrated oral squamous cell carcinoma.

Patient G.B. came in the outpatient unit of Oral Pathology and Medicine. He was sent by his dentist and dental hygienist because of the presence of an area of redness in the oral cavity.

The patient reported that he was neither a smoker, had never smoked, moderately consumed low-grade alcohol at meals and was not suffering from systemic diseases, except for high blood pressure treated with an appropriate ACE-inhibitor drug.

The patient also reported that the area of abnormal redness had been present for several months, and caused a slight burning when acidic or spicy foods came into contact.

The visual clinical examination showed a polygonal lesion of red color of about 2x2 cm (Figure 1) between the upper left retromolar trigo, the hard palate and soft palate. The abnormal reddish area showed small areas of









whitish color (erythroleukoplakia) towards the upper limit.

The palpation of the lesion demonstrated tissue of an increased consistency with a velvety papillary surface. Firm palpation caused a localized slight bleeding.

The subsequent oral inspection with the OFI - optical fluorescence inspection device (Goccles® by Pierrel) device showed a dark color from irregular loss of autofluorescence, extended throughout the entire surface of the abnormal area (Figure 2).

Due to persistence greater than 14 days and the clinical appearance of the lesion, with the agreement of the patient, it was decided to immediately proceed with an incisional biopsy from the area identified and delimited by OFI visual examination.

After local infiltration of oral articaine anaesthetic 40mg/ml with vasoconstrictor 10mcg/ml, a small piece of pathologic tissue was taken by single-use punch scalpel 6mm dia; the bioptic specimen has been oriented on special paper, placed into the bottle with 10% buffered formalin fixative pH 7.0 and sent to the unit of pathology with the case description on a special form.

In view of the oncological hypothesis, local hemostasis was obtained with compression without suturing, to avoid the deep transport of malignant cells.

The patient was discharged with appropriate dietary instructions (cold foods and drinks for the day, and no traumatic foods for a week) and recommendations in case of bleeding from the wound.

Chlorhexidine gel 0.5% was also prescribed to be applied twice a day for seven days and clinical control in the eighth day.

Histopathological examination of the biopsy showed "keratosis with severe dysplasia" and the patient was sent to the division of Otolaryngology for transoral surgical removal of the entire lesion, to be performed with CO2 laser in general anesthesia.

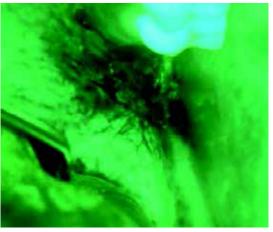
Histopathological examination of the complete lesion removed showed "the presence of a G2 early-stage squamous cell carcinoma with minimal infiltration of the chorion in the area of keratosis with severe dysplasia, with bottom and peripheral borders free from disease".

The biannual clinical and imaging follow-up performed showed persistent clinical healing with any sign of disease recurrence.

CONCLUSION

In the case of detection of an oral mucosal lesion, persistent for more than two weeks after local irritants removal and/or with clinical characteristics compatible with a PMOL, it is appropriate to carry out an immediate biopsy of the lesion. The use of diagnostic visual aids, such as toluidine blue staining and/or tissue autofluorescence visual assessment, can improve the results of the visual clinical examination and serve as a guide for the bioptic tissue sampling.

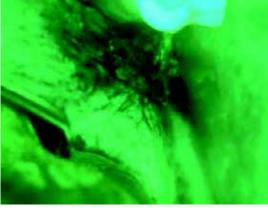








Dr. Silvio Abati, M.D., D.M.D Professor of Oral Diseases Medical School and Dental School University Vita-Salute San Raffaele - Milano





Goccles Oral Cancer Screening Glasses

180-0050 Was £910.00 Now £875.00

- Recommended Readings
 1. Scully C, Bagan J, Oral squamous cell carcinoma: overview of current understanding of aetiopathogenesis and clinical implications. Oral Dis 2009; 15:388–399.
 2. Neville BW, Day TA. Oral cancer and precancerous lesions. CA Cancer J Clin 2002; 52:195–215.
 3. Warnakulasuriya S, Johnson NW, van der Waal I. Nomenclature and classification of potentially malignant disorders of the oral mucosa. J Oral Pathol Med 2007;

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5. Tiwari L, Kujan O, Farah CS. Optical fluorescence imaging in oral cancer and potentially malignant disorders: A systematic review. Ora w. Oral Dis. 2019: 00:1–20.









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A2	316-0970	316-0975	
A3	316-0971	316-0976	
A3.5	316-0972	316-0977	

A4	-	316-0978
B1	<u>:</u> -	316-0979
B2	316-0973	316-0980
В3	-	316-0981
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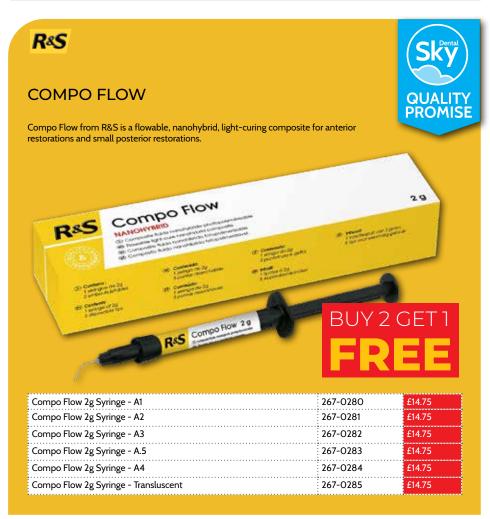
- Quick and void-free curing in moist environment.
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iBond Universal: Bottle Value Pack (3x4ml)	332-0028	Was £188.65
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EziKlog V2.0 shoes from Toffeln are unisex lightweight antistatic washable clogs with the GripSafe Extreme Sole.

Toffeln have taken the legendary EziKlog and made it even better. The new, soft feel E-Tech material combines with an enhanced footbed to deliver even greater shift-long comfort. Whilst the GripSafe Extreme pattern offers improved slip resistance, making the EziKlog V2.0, the safest, most stylish clog they've ever made.

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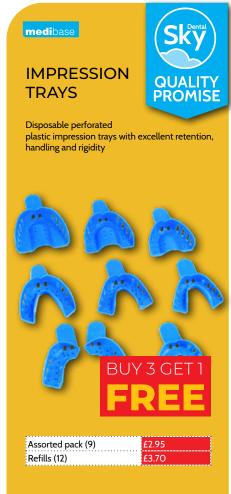
3M Astringent Retraction Paste is a 15% aluminium chloride paste which is placed directly into the sulcus via a highly innovative, easy to use, hygienic unit-dose capsule. These capsules are compatible with most composite dispensers.





















R&S

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£6.65 Pack of 500g A084

Measuring Set AF190 Alginate Storage Box 1-763





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Zhermack 497

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Putty Soft Fast Set	16-122	Was	N
(500ml)	:	£46.55	£
Light Body Fast Set	16-129	Was	N
(2x 50ml)	:	£38.75	£2
Light Body Normal	16-131	Was	No
Set (2x50ml)	<u>.</u>	£38.75	£2
Super Light Body	16-	Was	N
Fast Set (2x50ml)	130	£36.85	£2



TRAY FIX

Tray Fix is an adhesive for plastic and metallic trays used for alginate impressions.



Tray Fix 30ml	16-275	∶Wa
bottle	:	£12
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spray		£12





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15





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- Fast Apply for just 2 minutes.
- 100% non-toxic.
- Minimally invasive Only active on necrotic tissue (caries).
- Reduces the need for Aerosol Generating Procedures (AGP).
- Higher patient comfort and acceptance.
- CE marked.
- Class I medical device.

Brix 3000 has a water based composition containing no toxic or irritating components. It has been tested on gums, tongue skin and eyes with no signs of irritation

Brix 3000 is only active on infected carious tissue and preserves tissue that retains regenerative and re-mineralising capacity for true minimally invasive caries removal without the need for anaesthesia or turbines



Brix 3000 (3ml tube) 180-0128 Was £51.45 Now £39.95 BUY 5 @ £35.75

#COLTENE DUOTEMP Dual cured, eugenol-free, white temporary filling material formulated from zinc oxide/zinc sulphate for optimal protection from the infiltration of bacteria. All in one temporary filling material that can be cured using both light and saliva. Slight expansion gives excellent marginal seal. Contains fluoride. Radiopaque and eugenol-free. One material for all indications. Easily removed in large pieces. High surface hardness feels like a natural tooth · Pleasant flavour. DuoTemp Intro Kit 27-389 £16.30 27-386 Now £16.30 DuoTemp Single Pack Was £17.50

27-387





DuoTemp Eco Pack



Now £59.70

Was £64.10





ONE COAT 7 UNIVERSAL

One Coat 7 Universal is a light-cured, one component bonding agent for all self-etch, selective etch or total etch techniques in adhesive restorations.

One bond for all cases: direct or indirect restorations. Dual-curing with activator. No need for any primer or saline. New unique bottle: Optimised for user friendly handling. Exact dosage. Around 300 applications per bottle. Excellent Shear Bond Strength: Best adhesion values on dentine & enamel in self-etch technique. Comparable adhesion values on dentine & enamel in total-etch technique

Now £59.95 One Coat 7 Universal - 5ml 332-0033 Was £65.40

BRILLIANT EVERGLOW

Universal sub-micron hybrid composite. Due to its sophisticated filler composition, BRILLIANT EverGlow immediately shows an exceptionally smooth surface which has a satin shine directly after placing the filling. This makes polishing a minor issue and highly aesthetic restorations can be performed in next to no time. In addition, the versatile filling material excels through its pronounced gloss retention.

BRILLIANT EverGlow (3g Syringe) Was £42.65 Now £34.95 BRILLIANT EverGlow Tips (20x0.2g) Was £62.50 Now £51.75

Available in Bleach, A1/B1, A2/B2, A3/D3, A3.5/B3, C2/C3, A4/C4, Bleach Translucent, OA3, OA1, OBL





JET BLUE BITE

et Blue Bite bite registration material flows with a smooth consistency and has a creamy texture. It does not run and there is no resistance to closure.

- Unique spreader tip gives easy application and flat, consistent, spread.
- Fast oral setting time.
- Balance between flexible and rigid final registration.
- Easy removal with no tearing.

Jet Blue Bite Fast	16-342	Was £24.40	Now £22.75
Jet Blue Bite Superfast	16-344	Was £24.40	Now £22.75

BUY 3 GET 1











GETTING BACK O WORK

A LOOK AT HOW THE CHARITY DENTAID HAS REACTED TO THE DISRUPTION OF THE PANDEMIC

Crises come in various guises with consequences varied and numerable. But what must be the biggest impact on the way we live our lives since World War Two has brought about far-reaching ramifications the effects of which will continue long into the future.

The mobilisation of public health care in response to Covid-19 was a phenomenal feat, as nations attempted to protect the health and wellbeing of their populations. But in this effort to overcome what seemed the insurmountable, the oral health of thousands of people took a hit with the upheaval of dental services a blow to the profession. As a result, coronavirus has left dentistry with a legacy of problems and issues, which now need to be

The disruption to oral health care throughout the pandemic has been a major concern within the profession, with some of the most vulnerable people in society hugely affected.

Its hiatus created a bigger divide between the 'haves' and 'have nots' and access to NHS care - already problematic - only worsened.

For dental charity, Dentaid, the pandemic has forever changed its operations. Previously focused on offering dental care to people in thepoorest countries in the world, the charity had already expanded in 2015 to include helping to reduce pain for some of the UK's hard-to-reach, providing free dental care for homeless and vulnerable people.

Its mobile dental units visit hostels, day centres and night shelters, providing emergency treatment for people who find it difficult to access dental care. The Dentaid team was also running oral health education programmes in schools. But, like many charities, all their work came to a shuddering halt in March 2020.

Eventually, in October 2020, the two Dentaid mobile units were back on the road, the team began to pick up projects once again and their operations restarted. Jill Harding is the charity's communications director. She recalls, "It was hugely disappointing going into lockdown, as we had just started setting up clinics and our UK work was beginning to grow organically. We had been working hard to build up our work but, from March until September 2020, we were unable to get out. We had to furlough staff and suspend all UK operations

– we went into survival mode. Dentistry was not allowed to be delivered in the homeless shelters as these organisations had to shut and reduce activity. Soup kitchens and services for people experiencing homelessness weren't running meaning our patients were even harder to reach."

From the start of 2021, however, calls started to come in and the backlog of cases and worsening dental health statistics meant the ramping up of activity on the mobile units. Jill says, "We were keen to get up and running. We went back to Trinity Winchester and Albaré in Salisbury [that run a range of homes, drop-in centres and support services dedicated to helping the homeless and vulnerable] and back to Southampton, where homeless and vulnerable people from the city also receive free dental care at our mobile dental unit. Plus, new clinics were set up as other groups reached out."

In fact, Dentaid has a presence in various towns in England, mostly focusing on the south to south west coastline and to the north in West Yorkshire, taking in Eastbourne, Hastings, Littlehampton, Worthing, Portsmouth, Weymouth, Leeds, York and Dewsbury.

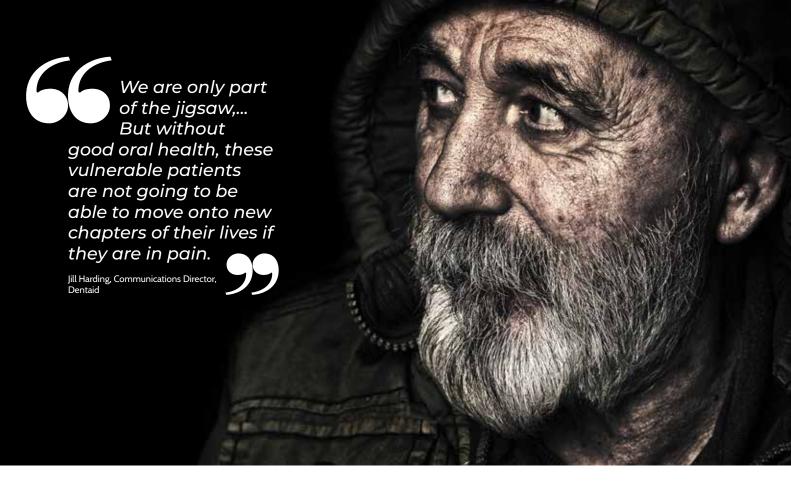












There are also plans to restart their clinics in the UK's fishing communities in towns such as Lowestoft, Felixstowe and North Shields. These are a cohort of people whose seaborne working lives can mean missed opportunities to access dental care during

Jill says, "Before the pandemic, we would have two or three clinics a month. Now we have four a week. In addition to our core work, we are also getting requests from different clinics to treat other hard-to-reach patients. This includes visiting Napier Barracks to care for asylum seekers and refugees."

Often, the people they see, having survived the treacherous waters in boats across the Channel from Calais to Dover, are suffering dental pain and infection among other health problems.

For those who are homeless, dental problems can lead

to them selfmedicating with drugs and alcohol to mask dental pain if they are unable to access professional care, which in turn is problematic for anyone on rehab programmes. Statistics suggest around 15 per cent of homeless people have tried to extract their own teeth. Jill recalls some extremes some people have gone to in the effort to relieve themselves of pain, including one man who attempted to lever out a tooth using a spoon. Many have the misbelief that their teeth 'aren't worth

So, Dentaid provides a vital lifeline to better health and self-confidence for hundreds of people. During sessions, volunteer clinicians are also on hand to offer oral health advice, screen for mouth cancers as well as hand out toothbrushes and toothpaste.

Sadly, many vulnerable and homeless people can feel disengaged with traditional services and face logistical challenges, too. Often, they haven't a mobile phone,

no email address and do not feel comfortable in the setting. Dentaid's support staff work hard to ensure they feel safe and comfortable.

The charity has two mobile units, each with one chair. Run by two Dentaid staff, the clinics require a dentist and nursing assistance. It is well supported by the profession but is always seeking new volunteers, who are required to undergo an onboarding process before

Dental companies are also on side. Dental Sky, for example, gifts Dentaid a £100 allowance each month to spend on consumables and will be distributing the charity's annual report along with its orders, thereby relieving the charity of hefty postage costs.

Jill says, "We are fortunate that Dental Sky has supported us historically and recently gave us a £100 monthly budget to spend on consumables. They are also sending out our annual report with orders. It's financial support but also great marketing and is a key way of raising awareness of our work and letting dentists and their teams know we exist. We are growing all the time and get several calls a week from centres who need our help. We now have a long wish-list of places that have requested our mobile units - so much so that we need another vehicle, so any fundraising is hugely welcome. Demand is skyrocketing."

The team at Dentaid firmly believe each patient they see deserves a chance at regaining their confidence and to feel better about themselves and their prospects. "We are only part of the jigsaw," Jill says. "But without good oral health, these vulnerable patients are not going to be able to move onto new chapters of their lives if they are in pain."

For more information, or to get involved with the great work that Dentaid do, visit www.dentaid.org, or @dentaid.charity on facebook.



























FLUORESCE HD

Dual Wavelength Coupling

Introducing a first-of-its-kind Lares Fluoresce HD™ dual wavelength technology.

- Achieve TRUE Minimally Invasive Dentistry by preserving 100% of the healthy natural tooth structure
- Reduce chair time with vertically integrated caries detection during in-vivo caries excavation
- Reduce your costs by utilizing a 2 in 1 handpiece and caries detection product for the minimal cost of simply changing your LED coupling.
- Fluoresce HD is compatible with your existing Kavo® MULTIflex® type optic turbines.









Yellow tint glasses Yellow loupe inserts

VARIOS 970 IPIEZO SCALER UNIT

138-0146 274-0059

274-0063

All-in-one – Stylish compact all-in-one unit for Periodontic, Endodontic, Scaling, MI applications and Implant maintenance. Convenient large capacity bottles of 400ml of the same solution each or different solutions with independent pumps. The all new Varios features the latest developments in piezo technology; The iPiezo engine from NSK assures stable output by automatically adjusting to the optimum frequency depending on the loading of the tip.

Power Supply: AC 230V 50/60 Hz

Frequency: 28–32 KHz

- Max. output: 11W (G mode)
- Dimensions: W160 x D270 x H190 (mm) (Including Bottle)
- Unit weight / Module weight: 2.1kg (Except attachment)
- Bottle volume: 400ml (2 x bottles)

Optic	259-0002	Was £2480.00	Now £2045.00
Non-Optic	259-0003	Was £2135.00	Now £1750.00

Contains: Control unit, Handpiece, Handpiece cord, 3 Scaling tips (G4, G6, G8), Foot control (FC-70), $2 \times Irrigation$ bottles, $3 \times Tip$ wrench with torque limiter, AC power cord, Sterilization



CAVITRON PLUS ULTRASONIC SCALER

The Cavitron Plus $^{\text{\tiny{TM}}}$ with SPS $^{\text{\tiny{TM}}}$ technology, now with wireless foot pedal for less hazardous surgery; $autoclavable\ handpiece\ for\ better\ infection\ control; and\ informative\ diagnostic\ display. This\ system$ supports ultrasonic periodontal debridement with turbo boost.

- Tap-On Technology is designed to reduce leg and ankle discomfort associated with continued foot pedal usage – A single tap activates scaling, allowing you to rest your foot during the procedure.
- Additional power option include single-push turbo mode for up to 25% greater power and hands-free boost activation by pressing the pedal to the floor.
- Finer water control allows for more precise and convenient adjustment of lavage on the handpiece to the preferred setting.
- Extended Low Power Range, BlueZone, designed for improved patient comfort.

Cavitron Plus Ultrasonic Scaler 90-517 Was £2250.00 Now £2045.00











TRIAL



LYLA S TYPE STERILIZER

The new Lyla offers a completely new S type sterilizer with unique upgradeability for customization to meet future or individual demands. This S type sterilizer offers the option for upgrade to full vacuum with a wealth of added benefits not seen in other sterilizers in its class.

Main product advantages of the new Lyla

- Cycle times from 23 minutes for an average 2.5kg load due to cycle optimization put the Lyla in a class of its own
- Intuitive user interface makes Lyla easy and efficient to use
- Built-in USB port, optional cycle report printer and barcode label printer enable complete documentation.
- The Lyla is ready to be connected for increased integration.
- The option to use the Lyla with the W&H Steri App allows remote control, monitoring and cycle history backup
- Lyla's high-quality build ensures reliability and long working life
- The only S type sterlizer with the option to upgrade to a type B sterilizer using the new Activation Code concept.

The Lyla's unique upgradeability allows users to customise it to their current and future needs

Additional Activation Codes are available to allow customization and upgrading of the Lvla sterilizer.

- Type B Sterilizer upgrade thanks to a specific 'B cycle' Activation Code Upgrading to include 'Remote Data Storage' allows cycle information to be stored directly on the PC via Wi-Fi connection (requires optional rear USB port)
- The option of Advanced 'Traceability': gives the possibility to create different users and additionally an option for load release confirmation The 'All in One' upgrade includes all these features in one go







SONICFLEX 2003 L AIR **SCALER**

The SONICflex 2003 L Air Scaler from Kavo offers you the perfect handpieces for gentle prophylactic treatment



SONICflex 2003 8-975 Was L Air Scaler





PROPHYPEARLS

KaVo's PROPHYpearls are spherical shapes and hence provide optimum cleaning power: The round surfaces offer more contact points than conventional powders and therefore work even more efficiently..

Ideal for one to three units either on maxillary or mandibular arch.

Suitable for use with all rigid setting polyvinyl or polyether impression materials.



Kavo PROPHYpearls 80x15g

Was £151.65

Now £135.00

Available in Neutral, Mint, Peach, Orange, and Blackcurrent









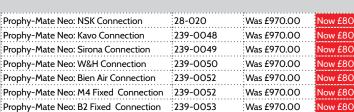


PROPHY-MATE NEO

The Prophy-Mate neo from NSK is an air powered tooth polishing system for plaque removal, cleaning and preparation of surfaces for restoration.

Enhanced tooth polishing system, Prophy-Mate neo, unites form and functionality for easier use. 60° and 80° tips increase cleaning efficiency.

- Removal of plaque and discolouration
- Cleaning
- Etching of enamel, dentine, and porcelain prior to bonding
- Preparation for pit and fissure sealant
- Improved polishing power
- Ergo-comfort design
- Lightweight and compact handpiece Smooth, easy 360° swivel



CONTAINS: 1 x Handpiece with 60° nozzle head, 1 x Powder case, 1 x Replacement nozzle head 80° , 5 x 15g sachets of FLASH pearl cleaning powder, 1 x Maintenance kit

^{*} This deal from the manufacturer requires proof of purchase - to claim it please visit www.dentalsky.com



STECH



MX-300 AUTOMATIC MIXER FOR ALGINATES

The MX-300 from Zhermack is an automatic mixer for alginates that significantly improves the quality of the mix compared to manual mixing, helps standardise the mixing process and gives consistent, reproducible results.



MX-300 Automatic Mixer For 397-0006 Was £825.00 Now £795.00 Contains: 1 x MX-300 Unit, 1 x power cable, 1 x stirring stick, 1 x water dosing bottle, 1 x spatula, 1 x magnetic basket, $4 \times mixing$ bowls











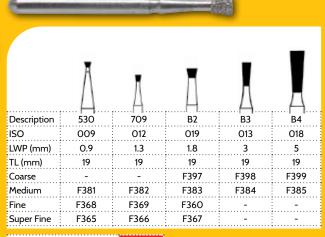
FG DIAMOND BURS

Top quality 100% controlled diamond burs. Each and every one of our burs is microscopically tested.



BUYIGETI FREE ONLY £9.20!

INVERTED CONE



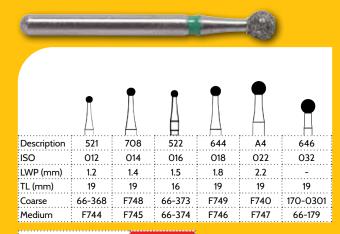
Available in packs of 5 £9.20

CYLINDER FLAT END

	-					
Description	541	745	542	657	D4	D6
ISO	010	010	015	012	013	018
LWP (mm)	3	4.6	4.	5.8	8	8
TL (mm)	19	19	19	21	21	21.5
Coarse	170-0300	F517	F518	F519	F510	66-375
Medium	66-110	F513	F514	F515	F516	66-376

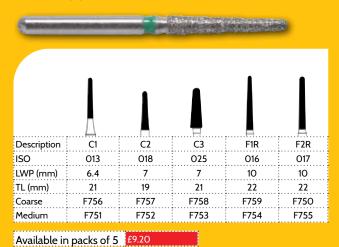
Available in packs of 5 £9.20

BALL ROUND

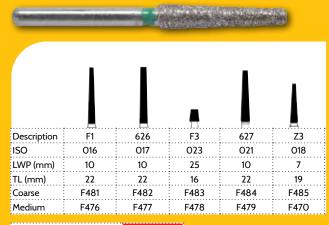


Available in packs of 5 £9.20

TAPER ROUND END



TAPER FLAT END



Available in packs of 5 £9.20











SEAL-TIGHT 3:1 SYRINGE TIPS

Seal-Tight from Kerr are disposable air/water syringe tips. The inner rubber water channel acts like a new O-ring with each tip placement. Tips can be bent to a 90° angle without affecting the air/water flow

5-079 Was £42.00 Now £29.95 Seal-Tight 3:1 Syringe Tips (200)

NX DUAL CURE CEMENT

Nexus Third Generation is an aesthetic adhesive permanent cement that represents a breakthrough in resin cement technology.

All indirect applications, including veneers, NX3 dual-cure and light-cure cement delivers unmatched aesthetics, excellent handling properties, enhanced adhesion to all substrates and great versatility.

Delivery includes an automix syringe for dual-cure indications and a single syringe light-cure cement when a longer working time is required.

NX Dual Cure Cement | Was £73.05 | Now £63.75



TF ADAPTIVE FILES

The TF Adaptive File design is based on our clinically proven Twisted File technology, which means the file is twisted to shape for improved file durability, features R-Phase™ Technology to improve file flexibility and provides exceptional debris removal.

TF Adaptive Files Was £42.75 Now £36.75

BUY 4 GET 1

ELEMENTS E-MOTION ENDODONTIC MOTOR

Endodontic motor with Adaptive Motion

The KaVo Kerr elements e-motion endodontic motor provides efficiency and safety. The improved Adaptive Motion offers higher cutting efficiency and the maximal torque limitation provides a better ability to resist breakage or deformation of the file.

KaVo Kerr elements e-motion was completely designed and manufactured in Germany and has a stainless steel handpiece powered by KaVo. It is intuitive to use, due to a user-friendly, coloured touchscreen and an interface that allows 5 fully customisable presets with up to 10 file options each.

BUY 60 PACKS OF TF ADAPTIVE FILES & GET **ELEMENTS-MOTION**

elements e-motion Endodontic Motor 279-0042

Was £1645.00 Now £1365.00

Contains: Foot Control, Motor, Elements 8:1 contra-angle handpiece, Power supply & cable











25

Kavo Ken



SUSTAINABLE COMPASSIONATE CARE

A look at how one practice stepped up its game during the pandemic.

Dentist Niket Patel believes that as patients have become more nervous due to the pandemic, the practice team have to offer reassurance that everything is in place to ensure they are as safe as possible. It is an approach that offers his patients the confidence to feel they are well looked after, and it is one he supports not only with an investment in his own professional development, but also through his comitment to dentistry beyond the four walls of his surgey.

An impassioned general dental practitioner with a belief in the one simple principle of 'a smile for life', he supports his clinical excellence and empathetic patient care with a matching enthusiasm for the politics of the profession, too.

Busy steering his team at Smile Essential in Leicester, Niket is also an executive member of the Leicestershire Local Dental Committee (LDC). It is a role he evidently values as much as he does the job of delivering care to his patients. In fact, he believes one supports the other, which makes his participation

important to dentistry at every level.

As he explains, "As part of the LDC, I am able to help my fellow colleagues, and as part of a committee, I can influence local decisionmakers to ensure they understand the needs and concerns of Leicester GDPs and our

Like many cities, Leicester comes with its own unique set of problems regarding dental care. This was compounded by a pandemic that was not kind to patient access.

Throughout those early months of lockdown, Niket (as part of the LDC team) worked with NHS England, Public Health England and the British Dental Association to maintain continuity of service whilst ensuring it was delivered in a Covid-19- safe environment. And this desire of wanting the best for patients is reflected at Smile Essential, too, where compassionate care offers a gateway to those patients for whom dentistry was put on hold. Looking back, Niket observes, "Throughout the pandemic, we endeavoured to maintain our personal service for all of our patients during











the more difficult times. We kept our patients updated via our website and social media platforms, informing them that we were here to help and that we would try our utmost to help solve any dental issues that may have arisen. Our team has always taken the time to get to know patients personally and listen to their wishes; good communication is imperative in this. With Covid-19 to contend with, we now speak to every patient the day before their appointment. We explain the procedure, what will happen at the appointment and talk them through the new arrangements. They are briefed on what to do on arrival at the practice, as well as what they can expect to see, such as the team wearing full PPE. We also explain that we are unable to see as many patients as we did prior

to Covid-19 as we are required to allow extra time for the surgeries to be deep cleaned after each patient. We risk assess all patients for Covid-19 symptoms prior, and on arrival, to their appointments."

To ensure excellent patient journey outcomes, Niket is also a firm believer in the power of a team. "Working together is paramount to ensure a consistent patient journey and a happy team. Given that our smiles and expressions are hidden behind masks, positive body language is a key part of this now. Our team will go the extra mile to ensure every patient has the best dental experience they can."

This compassionate care goes beyond this empathetic staff approach. The messaging on social media platforms, such as the practice's Instagram page, also reflects the practice ethos.

"We utilised Instagram during recent months to convey key messages about the team, so patients had insight before they came through the door. Social media has been very important to ensure details about the team were conveyed," he says.

And the practice environment also facilitates this. "Our practice is an oasis of tranquillity. We have scented candles, calming music, satellite TV in our patient lounge and music is streamed through Spotify. We have DVDs available in our treatment rooms, so patients feel relaxed and calm during treatment."

Patients are treated in a Belmont treatment centre that also fits in with the practice ethos of making the patient journey as comfortable and relaxed as possible.

Niket explains, "We have been using Belmont equipment for many years now. It is very reliable and comfortable and has served us well, so we would not change this." The practice is dental phobia certified, which can be an attraction for the more nervous patient, particularly significant in the current

climate. "We use The Wand, which is a painless injection system, so patients do not know or feel that they have had an injection. It was very important to implement it into the treatment and care of our patients, especially with our more nervous patients. It is a brilliant piece of equipment."

With the changes in equipment, materials and knowledge of dentistry, the profession was quick to adapt to the global upheaval that brought about huge changes for every clinician, and Niket remains passionate about the dentistry he is able to deliver.

Indeed, he is as enthusiastic about the technology and the team that help to support this compassionate care as he is the knowledge and skills he possesses to transform people's

As one of the practice's Instagram post reveals, "Creating beautiful confident smiles takes a whole team of people. We love what we do and are forever grateful for the dedication and commitment from our whole team to provide excellent dentistry and world- class customer care."

And seemingly, not even a pandemic can dampen this spirit.











27



ANAQA ELEVATORS

Anaqa Elevators are made of high quality French steel which provide maximum corrosion resistance, efficiency and sharpness as well as excellent grip in the handles. They are individually boxed which includes a tamper evident seal. Every Anaqa product is subjected to a rigorous four-step quality control process. This robust process is the reason why Anaqa are able to confidently offer industry-leading warranties on all their instruments.

- Unique 14mm handle for best grip and handling
- Circular handle improves handling in any position
- The depth and angles of the handle's grooves are optimised to provide the maximum friction between the instrument and the glove, virtually eliminating the risk of slippage during dental procedures
- Highly efficient, sharp and slim tips for better access and function
- Stunning finish with high corrosion resistance
- Four stage QC process
- High quality medical grade steel
- Titanium nitride gold coating for premium finish and maximum corrosion resistance
- Smooth joints for stress-free working
- Ergonomic, lightweight design

Description	Stainless Steel Finish	Black Finish	Gold Finish
Luxation Instrument 3C	254-0066	254-0067	254-0068
Luxation Instrument 3ST	254-0030	254-0031	254-0032
Luxation Instrument 5C	254-0033	254-0034	254-0035
Luxation Instrument 5ST	254-0036	254-0037	254-0038
Warwick James Elevator Straight	254-0039	254-0040	254-0041
Warwick James Elevator Left	254-0042	254-0043	254-0044
Warwick James Elevator Right	254-0045	254-0046	254-0047
Couplands Bone Chisel No. 1	254-0048	254-0049	254-0050
Couplands Bone Chisel No. 2	254-0051	254-0052	254-0053
Couplands Bone Chisel No. 3	254-0054	254-0055	254-0056
Cryers Elevator No. 30 (Left)	254-0057	254-0058	254-0059
Cryers Elevator No. 31 (Right)	254-0060	254-0061	254-0062
Prices	£23.04	£40.75	£40.75





ANAQA ORTHODONTIC INSTRUMENTS

Anaqa pliers are made of high quality French steel which provide maximum corrosion resistance, appropriate hardness as well as required elasticity in the handles. They come in a titanium nano black finish and are individually boxed which includes a tamper evident seal.

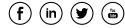
Every Anaqa product is subjected to a rigorous four-step quality control process. This robust process is the reason why Anaqa are able to confidently offer industry-leading warranties on all their instruments.

£86.98 £61.93

- Slim beaks for better access and hold
- Stunning finish with high corrosion resistance
- Four stage QC process
- High quality medical grade steel
- Titanium nano black coating for premium finish and maximum corrosion resistance
- Smooth joints for stress-free working
- Ergonomic, lightweight design
- Industry-leading warranties

Bird Bea	ak Pliers	Adam	s Pliers	Weingart	TC Pliers	Bracket Rem	noving Pliers		
Steel	Black	Steel	Black	Steel	Black	Steel	Black		A STATE OF THE STA
417-0000	417-0001	417-0002	417-0003	417-0004	417-0005	417-0006	417-0007		
£51.12	£76.70	£51.12	£76.70	£53.76	£81.02	£51.12	£76.70		
Band Remo	oving Pliers	Distal Er	d Cutter	Mini Distal	End Cutter	Ligature	e Cutter	Hard Wi	re Cutter
Steel	Black	Steel	Black	Steel	Black	Steel	Black	Steel	Black
417-0007	417-0008	417-0010	417-0011	417-0012	417-0013	417-0014	417-0015	417-0016	4417-0016

£86.98









£61.39

£86.98

£61.39





FILTEK™ ONE BULK FILL RESTORATIVE

Filtek™ One Bulk Fill Restorative from 3M Espe has unique optical properties and improved opacity to give you the simplicity of one-step placement - up to 5 mm - without compromising aesthetic results.

Syringe (4g)	Was £51.50	Now £44.65
Capsules (20x0.2g)	Was £51.50	Now £44.65

BUY 2 GET

IMPREGUM PENTA

Impregum Penta Super Quick gives you all the benefit of polyether with the speed of VPS. The first and only superfast Polyether that combines intrinsic hydrophilicity and snap-set curing with a better taste, a better smell and accelerated setting times.

- Unique Polyether benefits to deliver high quality impressions
- Intrinsic hydrophilicity
- Superior flow properties and snap-set curing
 Accelerated setting times for the first superfast Polyether
- Fresh colours for excellent readability
- Significantly improved taste & smell for a better patient experience
- Indicated for inlays, onlays, veneers, crowns and bridges
 Especially suitable for taking impressions of single-unit or double-unit preparations
- Available as a monophase or 1-step technique using medium and light body

Impregum Penta Super Quick Medium Body Refill	215-0068	Was £205.00	Now £189.95
Impregum Penta Soft Quick Refill	16-263	Was £183.90	Now £175.00
Impregum Penta Soft Refill	16-231	Was £183.90	Now £175.00
Impregum Penta Standard Refill	16-230	Was £183.90	Now £175.00





RELYX UNIVERSAL RESIN CEMENT

 $3M^{\text{\tiny{TM}}}$ RelyX $^{\text{\tiny{TM}}}$ Universal Resin Cement works both as a standalone, self-adhesive cement and as an adhesive cement when combined with $3M^{\text{\tiny TM}}$ Scotchbond $^{\text{\tiny TM}}$ Universal Plus Adhesive.

Together they eliminate the hassle and confusion of multiple resin cements, primers and adhesives, simplifying your direct and indirect restorative workflows. With fewer products to stock and replenish, you save space, time and money.

RelyX Universal Resin Cement:: Refill - WO	123-0217	Was £141.80	No
RelyX Universal Resin Cement:: Refill - A30	123-0218	Was £141.80	No
RelyX Universal Resin Cement:: Refill - A1	123-0219	Was £141.80	No
RelyX Universal Resin Cement:: Refill -	123-0220	Was £141.80	No
Translucent	<u>:</u>		
Scotchbond Universal Plus Adhesive (5ml)	332-0082	Was £87.20	No

v £129.95 £129.95 v £129.95

v £79.95









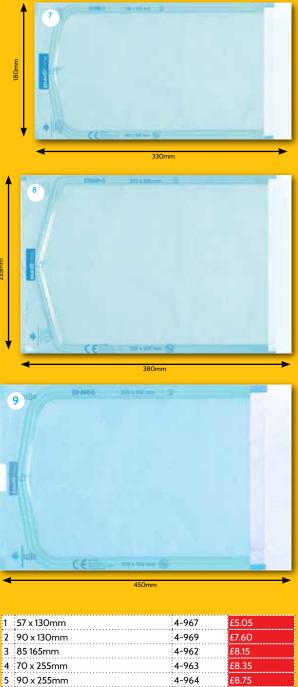


STERILISATION POUCHES

Pouches recommended for sterilisation in autoclave.

- Easy opening.One paper side and one plastic side.Includes sterilisation indicator.
- Class: I







£13.85

£18.35

£27.50

£33.10



4-965

4-468 4-966

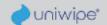
308-0011





7 180 x 330mm

8 254 x 380mm 9 300 x 450mm



UNIWIPE MIDI CLINICAL DISINFECTANT WIPES

Uniwipe Clinical Midi-wipes are highly effective disinfectant cleaning wipes with outstanding microbiocidal performance, Uniwipe Midi Wipes are active against bacteria, fungi, and viruses.

With the dual action cleaning and disinfecting properties, they are the perfect choice for medical environments, offices, schools, and homes. Gentle on surfaces and alcohol free, they can be used all day every day to keep your surfaces clean and safe.

Tested to kill SARS-Cov-2, which is the Coronavirus that causes COVID-19, in 60 seconds! Tested according to EN13727, EN1276, EN14476





Uniwipe Midi Clinical Disinfectant Wipes (200)	112-0042	Was £ 6.65	Now £5.10
BUY 6 PACKS AT £4.95 EACH OR BUY 12 PACKS AT C	ONLY £4.75 EACH!		
Uniwipe Midi Clinical Disinfectant Wipes (100)	112-0044	<u>:</u> -	£3.15

CONTINU

CONTINU 2 IN 1 WIPES

Continu 2 in 1 Wipes - Flat Pack (200) The Continu 2 in 1 formulation has been tested effective against all enveloped viruses, to EN 14476:2013 + A1 2015.

HTM 01-05 Compliant Alcohol Free Surface Cleaner and Disinfectant Wipes.



Flat pack of 200	112-0039	£7.25
Tub of 200	112-0012	£5.95













OROTOL PLUS & OROCUP CARE SYSTEM

Orotol Plus is a suction system disinfectant and cleaner. It disinfects, deodorises, cleans and maintains dental suction systems.

Orotol Plus makes 2.5 litres makes 125 litres of solution.

Orocup care system is a user-friendly, closed care system for the disinfection and cleaning of suction units and amalgam separators.

















33















USC-2.5L ULTRASONIC CLEANER

The 3TECH USC-2.5L Ultrasonic Cleaner has a small footprint to save space, is simple to use and cleans even small instruments effectively with optional heating and a choice of 5 pre-programmed cycles.

- Power: 160 W
- Frequency: 42 kHz
- Optional heating: Yes
- Heating temperature: 65°C
- Program selection: Choice of 5 cycles
- Adjustable duration: Up to 45 minutes
- Capacity: 2.5 Litres
- Weight: 2.5 kg
- External dimensions (h x w x l): 17.5 x 28 x 22 cm
- Tank size (h x w x l) : 8 x 25 x 15 cm
- Warranty: 12 months





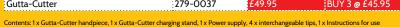
GUTTA-CUTTER

The EASYCUT Gutta-Cutter from 3TECH allows you to quickly and easily section Gutta Percha points

· 3TECH

- Quick and efficient sectioning of gutta percha points.
- Ergonomic handpiece.
- Rechargeable.
- Comes with 4 interchangeable tips.
- Sterilizable tips.
- Autonomy before charge: 80 uses.
- Heat temperature: 1,200°C

Gutta-Cutter 279-0037 £49.95



TI-940L TURBINE

*** 3TECH

The Ti-940L Titanium high speed optic dental turbine handpiece from 3TECH provides high power, 25,000 lux light, 4 sprays and near silent running.

- Standard head turbine.
- Self cleaning head system for longer life. Speed: 280,000 to 320,000 rpm. Light intensity: 25,000 LUX.

- Numbers of sprays: 4.
- Weight: 47g.
- Push button.
- High precision ceramic bearings.
- Pressure: 2.5 to 3 bars.
 Silent function (≤ 55 dB)
- Compatible with Kavo MULTIflex® couplings.
- 12 month warranty.

Ti-940L Turbine 138-0151 Was £225.00 Now £165.00











WHICH ONF?

FIVE ASPECTS TO CONSIDER WHEN BUYING A HANDPIECE

There's a saying that "a good workman never blames his tools", but as a dentist it is fair to say that wellmade equipment is essential in helping achieve high-quality, predictable results. Without a suitable armamentarium, you run the risk of poor treatment outcomes and errors are much more likely to occur. As such, it is crucial that careful consideration is given anytime you make a new purchase.

This is particularly true in regards to handpieces, as they are among some of the most important tools that a dentist uses on a day-to-day basis. Here are some of the elements that you should give thought to if you hope to end up with a first-class product that suits your clinical needs and preferences.

1. AIR VERSUS ELECTRICITY

Handpieces are powered one of two ways - by air or electricity. Which one you choose will determine speed and usability as they both offer something very different. Air-driven handpieces, for instance, tend to have a higher speed with a lower torque. What's more, they are lighter, easier to handle and smaller in head height than electric motors and, as such, are a popular option for those looking to reduce fatigue and improve ergonomic practice. By comparison, electric motors are heavier and slower, but the speed and torque are generally much easier to control thanks to a promised consistency that does not decrease with resistance or an increased load. It's also important to note that electric motors are considerably quieter with less vibratory output.

It is worth noting that the speed-increasing Synea Fusion from W&H offers a wealth of features that make it reliable, efficient, and easy-to-use. The handpiece has been designed to ensure minimal aerosol production. The W&H speed-increasing handpiece is used in conjunction with an electric motor allowing it to run at maximum speeds of 200,000 rpm whilst offering impressive torque, control and precision.

2. LIGHT SOURCE

Most modern handpieces offer an integrated light source but there are various options available that offer varying degrees of illumination, so careful selection is recommended. Some handpieces, for instance, use glass rods to transmit a halogen light to the head, but the field of illumination can be restricted to the immediate vicinity of the bur with this design. The ideal solution is a handpiece that has a ring of LED lights integrated into the instrument head as this ensures a wide area of illumination with no shadowing or

3. STERILISATION AND **MAINTENANCE**

Still, it's no good purchasing a handpiece that ticks all the clinical boxes if it can't endure rigorous sterilization. Decontamination is an essential part of daily practice, after all, with every instrument reprocessed multiple times a day, sometimes six days a week. Ultimately, only a quality-made handpiece that has been designed with sterilization in mind will be able to withstand such a demanding routine without compromising on functionality or performance.

Equally as important is choosing a handpiece that can be easily maintained, particularly in regards to oiling, as lubrication is essential for longevity and performance. For ultimate compatibility, it can help to choose a handpiece from a reputable manufacturer that also produces decontamination equipment. That way, you can rest assured that your handpieces will be reprocessed and cared for in the most efficient and seamless way possible.

4. AFTERCARE

Be sure to check what level of aftercare service would be available to you should you purchase a particular handpiece, otherwise you might find yourself out of pocket. Choosing a manufacturer that offers comprehensive aftercare will ensure you have access to technical support from qualified professionals, regular servicing, an attractive warranty, and a quality repair service that uses authentic replacement parts. The alternative is unwanted downtime, problems with the performance of your handpiece, reduced shelf life or ending up with counterfeit parts that are poor quality and ineffective.

5. BRANDED VERSUS NON-**BRANDED PRODUCTS**

In the same vein, it is best to avoid cheap or unbranded products, as these are more likely to be of poor quality and often do not comply with the required safety and performance regulations and standards. As the saying goes, you get what you pay for. If you opt for a low-price option that seems too good to be true or purchase from a supplier whose authenticity is questionable, you will likely end up out of pocket in the long run. Don't be fooled by fake handpieces, made to look like a well know brand, they do not carry the same safety accreditation.

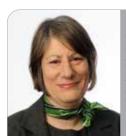
Look for the added benefits of purchasing a respected brand. Take a look at the full Synea Fusion range of high quality straight and contra-angle handpieces for exceptional ergonomics and reliability enabling you to maintain an efficient workflow. While all W&H turbines have hygienic head anti-retraction systems to prevent cross contamination.

CHOOSE W&H

W&H's exceptional reputation for providing an unrivalled aftercare service alongside high quality products, is based on its many years of experience in the market, making it the obvious choice for anyone looking for a new handpiece. There are a number of different products available, including the Synea and Alegra ranges, as well as the Proxeo range of prophy handpieces – all of which include a data matrix code to facilitate the sterilization process. In addition, W&H offers a complete decontamination solution for ultimate compatibility, including the Assistina TWIN. This has been specifically designed to reprocess and oil handpieces quickly and efficiently.

There's no doubt that selecting a dental handpiece can be a painstaking task. However, by sourcing top-class solutions from a trusted manufacturer, you are sure to find 'the one' that ticks all the boxes and meets your expectations now and in the future.





Kate Scheer is marketing communications executive at W&H (UK) Ltd, a professional marketer with an MA in strategic marketing and over 25 years' experience working in the dental industry.

To find out more visit www.wh.com/ en_uk, call 01727 874990 or email office.uk@wh.com











SYNEA FUSION HANDPIECES

- Uncompromising user comfort combined with the accustomed Synea quality and unrivalled durability
 Long life and silent operation with ceramic ball bearings
- Optimum access and best visibility with small head sizes
- Monobloc design for optimum hygiene and ergonomics
 Compact glass rod for constant light quality
- Push-button chuck system and optimised grip design for secure handling and optimum hygiene
- Integrated maintenance-free spray filter for top water quality

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Synea Fusion WG-56 LT 1:1 Contra-Angle	170-0049	Was £840.00	Now £485.00
Synea Fusion WG-99 LT 1:5 Contra-Angle	170-0051	Was £1060.00	Now £613.00
Synea Fusion TG-98 L LED+ Turbine	138-0073	Was 840.00	Now £485.00
Synea Fusion TG-97 L LED+ Turbine	138-0076	Was £840.00	Now £485.00

ASSISTINA TWIN

Improving Processing Efficiency, designed to make maintaining your handpieces easy, effective, efficient and quick.

The Assistina Twin handpiece lubrication system offers:

- A fast cycle time of just 10 seconds
- Efficiency two process chambers allowing loading of a 2nd handpiece while the 1st is processed, up to 360 handpieces per hour
- Consistent high quality maintenance and lubrication guaranteed
- Intuitiveness and ease of use
- Improved working life of your handpieces
- A flexible range of handpiece adaptors
- Simple FI service oil and detergent fluid cartridge and filter replacement

Assistina TWIN Automatic Handpiece Maintenance Unit 301-0010 £2230.00

TEON THERMAL WASHER DISINFECTOR

The Teon thermal washer disinfector is easy to use and highly efficient offering an exceptional standard of cleaning and reprocessing. It offers top quality cleaning and disinfection for the dental practice, maximising efficiency and increasing the effectiveness of the decontamination protocol.

Distinguished by its high-quality performance the Teon ensures a successful, holistic cleaning process for dental instruments. Due to its modern design, the Teon, perfectly integrates into a reprocessing room.

There are a number of safety devices within the Teon to give added confidence,

- Integrated spray arm monitoring for excellent reprocessing results.
- Speed variable pump which increases/decreases the pressure as required during reprocessing.
- Filter system to remove dirt particles, preventing damage to your instruments.
- An automatic door locking system protects against risk of injury due to opening during a cycle.

The Teon is designed to be easy to clean and it's integrated salt container in the door ensures easy and convenient refilling. It has a short cycle times ensure quick efficient

Teon's large crease free chamber allows higher throughput of instruments, with optimal rinsing capability and capacity, ensuring hygienic rinsing

The intuitive user interface makes it particularly easy to operate in the demanding everyday reprocessing routine. The control panel is easy to operate and also serves as a door opener.

Teon Thermal Washer Disinfector 260-0012 Was £7780.00 Now £6300.00

Contains: Teon Thermal Washer Disinfector, A102 Upper Basket, A151 Lower basket/open front, E337/1 Insert 2/5, E523 Insert 1/2, Ethernet module - XKM 3000L MED













MAXTER COBALT BLUE NITRILE POWDER FREE **GLOVES**

Maxter Blue Nitrile Powder Free Gloves are high quality, cobalt blue, ultra-thin, nitrile powder free fingertextured examination gloves with a 2.2mil thickness and beaded cuffs for ease of donning.

Maxter Blue Nitrile Powder Free Gloves offer increased stength and protection over latex and vinyl gloves but are incredibly ultra-thin, specifically designed to offer increased comfort, flexibility and sensitivity.

- 2.2mil thickness
- 100% latex free
- EN 455 parts 1, 2, 3 and 4
- CE Class 1 medical device
- EN 420, EN388 & EN374
- PPE Regulation (EU) 2016/425: Category III
- AQL 1.5
- Finger-textured
- Non-Sterile
- Beaded cuff for ease of donning
- 100 gloves per box



Extra Small	335-0052	Was £11.60	Now £10.95
Small	335-0053	Was £11.60	Now £10.95
Medium	335-0054	Was £11.60	Now £10.95
Large	335-0055	Was £11.60	Now £10.95
Extra Large	335-0056	Was £11.60	Now £10.95
BUY 30 BOXES FOR ONLY £9.95 EA	CH		



FLUID RESISTANT SURGICAL FACE MASKS - TYPE IIR CERTIFIED

Fluid Resistant Surgical Masks are recommended for primary care, outpatient, community and social care

These masks conform to EN 14683:2019 Type IIR and are sealed within the box for increased

- Type IIR Fluid Resistant
- High bacterial filtration efficiency (BFE) ≥ 98% Masks sealed in a pack of 50
- for hygiene purposes



Fluid Resistant	205-	Was	Now
Surgical Face Masl	s 0060	£5.95	£4.75
BUY 10 BOXES AT	£4.25 EA0	CH OR BL	JY 20
BOVES AT 12 OF E	ACH		



MAXTER POWDER FREE LATEX GLOVES

Maxter Powder Free Latex Gloves are powder-free, ambidextrous, microtextured, disposable latex examination gloves for medical and dental professionals



XS	281-0023
S	281-0024
М	281-0025
L	281-0026
XL	281-0027

Box (100)

Now £7.95



DISPOSABLE BIBS

Medibase disposable dental bibs are a 3 ply bonded paper and plastic bib with excellent absorption capacity.

- 3 ply disposable dental bibs: 2 ply paper bonded to a layer of plastic.
- Excellent absorption capacity due to honeycomb structure
- Dimensions: 33 x 45cm
- Available in: pink, blue azure, light blue, green, orange, aqua blue, black, lime, white, yellow, lavender



EAR GUARDS

Ear Guard Strap Fastener eliminate uncomfortable tightness around your ears bu they can also address issues with loose masks that don't fit properly.



Blue (5)	205-0034	£1.05
Pink (5)	205-0035	£1.05
Black (5)	205-0036	£1.05











FACE VISORS

Comfortable, lightweight and autoclavable visor frames and shields

- · Ergonomically designed to provide a comfortable fit.
- , Wrap-around shape provides a secure fit.
- Lightweight and comfortable for use over long periods.
- Unique 'slot-in' visor mounting system.
- Front mounting visor allows the frame to be folded.
- Shaped to provide maximum coverage with minimal fogging.
- All plastic design allows easy cleaning.

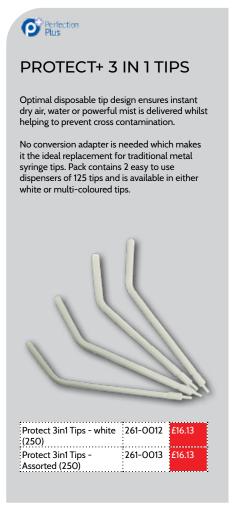


Frame plus 12 visors

Visor refills (12)

medibase PAPER CUPS Medibase Paper Cups are fully recyclable, disposable paper cups in a Manufactured using 100% FSC certified wood pulp: FSC stands for Forest Stewardship Council, an organization that works to promote the practice of sustainable forestry worldwide. The Forest Stewardship Council sets standards for forest products, independently certifies that these standards have been met, and bestows labels upon the products that qualify. Forest Stewardship Council certification gives customers the option to choose forest products like paper and wood that have been sourced in an environmentally-friendly, socially responsible and economically viable manner. NOW /AILABLE Pack of 2000 - Light blue 105-0008 Was £45.95 105-0009 Was £45.95 Pack of 2000 - Lime 105-0011 Was £45.95 105-0010 Was £45.95 105-0007 Was £45.95 Pack of 2000 - Fuchsia Pack of 2000 - Orange

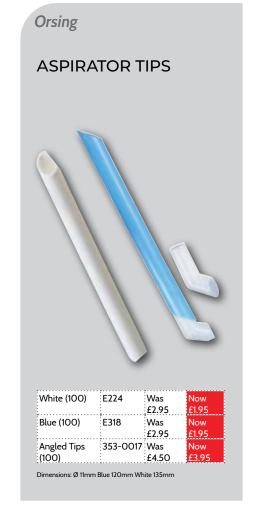




Pack of 2000 - Dark Blue Pack of 2000 - White

BUY 2 PACKS AT £38.75 EACH OR BUY 5 PACKS AT

Pack of 2000 - Assorted



105-0006 Was £45.95

105-0012 Was £45.95









Blue (400)

Offer applies to items of equal value only



Indications: For use with

APPLICATORS

silanes, adhesives, etching gels, cavity bases and haemostatic or plaque disclosing solutions.



312-0015 £15.70

















DISPOSABLE TRAYS

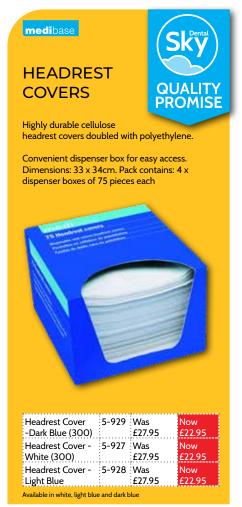


Disposable plastic trays with compartments and a textured surface.

- Dimensions: 28 x 18 cm
- Material: Recyclable PET, shiny appearance Very strong and flexible
- Available in: orange, light pink, fuschia, lavender, dark blue, blue, green, lime, yellow, white













medibase

APRONS

Very absorbent tissue paper bonded to a layer of plastic.

- Dimensions: Height 60cm x width 54cm.
- Roll of 80 pre cut aprons with tie.

Aprons: Pink (80)	113-0003	£13.95
Aprons: Blue (80)	E616	£13.95
Aprons: White (80)	E704	£13.95
Aprons: Lavender (80)	113-0009	£13.95
Aprons: Lime (80)	113-0010	£13.95
Aprons: Orange (80)	113-0011	£13.95
Aprons: Green (80)	E703	£13.95
Aprons: Dark Blue (80)	113-0012	£13.95





HIGH VOLUME SUCTION CANNULAS

With the quietest range of cannulas on the market, Durr Dental makes a valuable contribution to improving the working conditions of the surgery team.

- -30% less suction noise.
- -Protect secondary air inlets against reflux.
 -Proven reduction of the germ-laden aerosol-cloud.
- -No edges, no pressure points ideal for ergonomic working (holding technique).
- -Petito cannulas are smaller and suited to children.
- -The Prophylaxis cannula has up to two times more aerosol intake due to the rotatable side shields

Prophylaxis Cannula (4)	Was £14.40
Protect Universal Cannulas (5)	Was £13.35
Durr Universal Cannula Petito (5)	Was £8.20

Now £12.45 Now £11.65 w £7.15

- All cannulas available in grey.
 Protect cannulas also available in yellow or blue.
 Petito cannulas also available in pink, blue, yellow and turquoise.











EASY-FILE FLEX



EASY-FILE FLEX is a variable taper Nickel Titanium endodontic file system with improved flexibility due to a special heat treatment.

Designed for the preparation of the root canal during endodontic treatments, EASY-FILE FLEX is suitable for all endodontic motors and contra-angles with alternating anti-clockwise and clockwise movement.

- Simple quick sequence
- Clearly colour coded
- Extremely flexible
- Reduced risk of fractured instruments
- Respects the shape of the root canal
- Lifts debris easily
- Equally suitable for use on fine and curved root canals
- Sterilisable: 134°C



Easy-File Flex	Taper	ISO Length		Length					
			21mm	25mm	31mm				
Assorted	Assorted	Assorted	253-0363	253-0364	253-0365				
S20	7%	20	253-0366	253-0370	253-0374				
R25	7%	25	253-0367	253-0371	253-0375				
M35	6%	35	253-0368	253-0372	253-0376				
L45	5%	45	253-0369	253-0373	253-0377				
A		(27.25	DLIV10 - C20						

Assorted packs of 4 files	£26.25	BUY 10 @ £20.85 EACH
Refill packs of 5 files	£34.75	BUY 10 @ £27.45 EACH

Assorted packs contain: 4 files in sizes S20, R25, M35 and L45



access

GO-TAPER FLEX



Go-Taper Flex is a Nickel Titanium, variable taper endodontic file system with a special heat treatment to give improved flexibility to the files. Efficient:

- Excellent cutting power
- Superior canal cleaning due to the apical conicity of the files
- Easier lift of the debris
- Continuous rotation

Safe:

- Go-Taper Flex has a non-cutting tip for added safety. Simple:
- Same sequences for all endodontic canals
- Easy to remember sequence
- Only 3 instruments are required in the majority of cases: A1, A2, B1.

£18.95!



- 3 finishing files: B1, B2 and B3
- 2 additional finishing files for larger canals: B4 and B5
- Only 3 instruments are required in the majority of cases: A1, A2, B1.

Go-Taper files are sterilisable at 134°C.

Assorted packs contain: 6 files in assorted sizes: AO, A1, A2, B1, B2 & B3.

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Go-Taper Universal	Taper	ISO		Lei	ngth		1	1	ž.	1		
oo raper ornversat	iupei	150	19mm	21mm	25mm	31mm		8	8	- 8		
Assorted Kit	Assorted	Assorted	-	253-0311	253-0319	253-0327	1	9	- 6	8	8	
AO	4%	19	253-0310	-	_	-	Š	Ĭ.	7	8	8	
A1	2%	18	-	253-0312	253-0320	253-0328		#	#	#	1	
A2	4%	20	-	253-0313	253-0321	253-0329	9	Ŧ	ii	T .	Ŧ	
B1	7%	20	-	253-0314	253-0322	253-0330	0	#	it	1	#	
B2	8%	25	-	253-0315	253-0323	253-0331		(23)	1700	(20)	Total Control	
В3	9%	30	-	253-0316	253-0324	253-0332	n	100	-		- 44	
B4	6%	40	-	253-0317	253-0325	253-0333	Ш	111		- 11		
B5	5%	50	-	253-0318	253-0326	253-0334		11	-11	- 11		
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Pack of 6 files	£23.95	BUY 1	O PACKS @ £1	8.95 EACH			3	I	3.5	-3	T.	









Latex free blue dam Medium (20)

Natural latex green dam

Heavy (20)

Fine (36)

Medium (36)

Heavy (36)

9-577

9-575

1-121

9-576

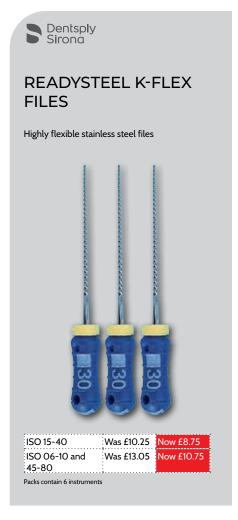
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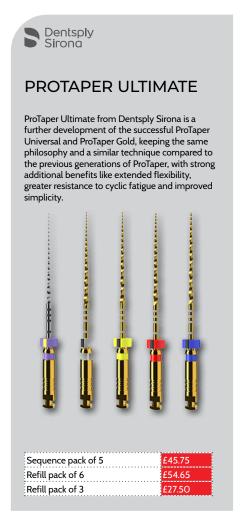
£12.20

£10.15

£10.15

£10.15















SPECIAL OFFER!





DUAL MOVE & ONE RECI PROMOTION PACKAGE

The Dual Move & One RECI Promotion Package from Micro Mega contains the Dual Move cordless endodontic motor complete with 30 packs of One RECI, One G and One Flare NiTi Files.

Dual Move from Micro Mega is a cordless endodontic motor, with exceptional control of movement, speed and torque.

Using a cordless, well-balanced in hand and silent endodontic motor with control of movement, speed and torque, offers freedom and comfort, as well as an optimal security when shaping the root canals. The display turns around in order to suit to left-handers. The contra-angle rotates without being disconnected from the handpiece. Its miniature head and thin neck make it easier to reach the posterior teeth while keeping an excellent visibility on the root canals inlets and working area. Functionalities, high level of customisation, as well as advanced features that are available when combined with the Dual Pex apex locator, make Dual Move the ideal portable device for individual practices, in continuous rotation or reciprocating movement.



Dual Move & One Reci Promotion Package

253-0419

Now £2160.00

Contains: Micro-Mega Dual Move handpiece, Micro-Mega Dual Move 110/220V mains with plugs (EU, UK, JP, AU), Micro-Mega Dual Move contra-angle with adapter for manual lubrication, Micro-Mega Dual Move data transfer cable (for connection to Dual Pex), Micro-Mega Dual Move base of handle, Micro-Mega Dual Move elastomer contra-angle sleeve, Micro-Mega Dual Move IFU, 1x pack of MicroMega One REI after Files: 17mm - No.25 - 9% (5 per pack), 4x packs of Micro-Mega One REI Files: 25mm - No.25 - 4% (5 per pack), 1x pack of Micro-Mega One REI Files: 25mm - No.25 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.25 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.25 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack), 1x packs of Micro-Mega One REI Files: 25mm - No.45 - 4% (5 per pack),







ARE YOU READY FOR A MEDICAL EMERGENCY?

Rebecca Power and Sary Rahma discuss life support and how regular training and teamwork lie at the heart of handling an incident with confidence

Not everyone working in dentistry will experience a medical emergency in their career. But lifethreatening incidents can and do happen - and the secret of their successful handling lies in any given team's understanding of their specific roles and responsibilities.

Dental nurse Rebecca Power works in a hospital setting and she has had the misfortune to witness a number of medical emergencies – but these situations (along with regular first aid training) have placed her in an excellent position to confidently deal with what is in front of her – swiftly and effectively.

She recalls, "We have had patients who have had a cardiac arrest whilst being an in-patient on our ward. We have a 'crash team' who are called when we have a cardiac or severe life-threatening event, so they bring the defibrillator to assist the heart's function. There are many times we have had to deal with medical first aid issues and these have always been managed promptly and with great care while abiding by the medical emergency guidelines and following the

method of DRABC (danger, response, airway, breathing

Rebecca works alongside Sary Rahma, a speciality doctor in oral and maxillofacial surgery at the Oral Health Department of Norfolk and Norwich University Hospital. The benefits of working in an NHS trust hospital means they have mandatory training sessions on medical emergencies and advanced life support running throughout the year.

Rebecca explains, "We both completed our first aid and adult and child hospital life support update to Resuscitation Council (UK) key points and anaphylaxis in March 2021, and have training scheduled for our department for 'medical scenarios' booked within the next month."

In fact, having been redeployed to critical care during both waves of the pandemic, they were both given extra training regarding complex medical conditions and emergencies. This has greatly helped their confidence and knowledge when faced with a medical emergency

now in their more familiar dental environment.

According to the General Dental Council, "A patient could collapse on any premises at any time, whether they have received treatment or not. It is therefore essential that all registrants must be trained in dealing with medical emergencies, including resuscitation, and possess up to date evidence of capability. Registrants must know their role in the event of a medical emergency, and ensure they are sufficiently trained and competent to carry out that role."

For Rebecca and Sary, they are seemingly well positioned to respond. They explain, "We have a designated department in the hospital for medical training in life support and we are trained by a lead resuscitation officer. We are lucky in our trust that we have advanced medical simulation models, which most people know as 'Annie' or 'Hal'. These are interactive and give us an opportunity to learn on a close to lifelike model with hands-on experience. These models give us the opportunity to learn, update our knowledge and practise our skills and techniques we would use for real emergencies in CPR, obstructed airways or choking, and more in a wide range of resuscitation skills."

They add, "These simulation models are a great way of monitoring the efficiency of our skills by recording and monitoring compressions and they give feedback on if the CPR we are performing is sufficient enough to

So, how often does the team update its understanding

Rebecca says, "We have a mandatory minimum requirement of yearly attendance to hands-on training, plus yearly training online. We also have the option to request more training throughout the year if we feel we need extra support and for 'in situ' teaching where trainers come to our department and host dummy runs. In these, we have a simulation of what would happen in an emergency situation in our workplace locations. This is an essential part of training, so we are confident in giving emergency first aid and life support in our department and not only in a theoretical or unfamiliar setting."

She adds, "I feel more confident after having the experience of working in a hospital. This has aided me to learn more extreme cases in medical emergencies and gives exposure on how our team works together to help our patients recover."

Rebecca is evidently enthusiastic about her role and, as she has recognised previously, "the learning never stops" in dentistry.

She says, "I would recommend any dental nurse who is











keen and interested to expand their knowledge, skills and techniques to constantly enhance their learning. This is a benefit to us as clinicians, the team, and ultimately gives our patients a smoother and more confident treatment with us."

Sary suggests updating knowledge on medical emergencies is a key part of this learning process.

He adds, "I would always recommend that any dental care professional continues to update their medical emergencies knowledge, especially as new guidance becomes available, as we found out during the pandemic. Medical emergencies are thankfully a part of dentistry we encounter so infrequently, but are of such paramount importance."

Sharing the same enthusiasm for team working, they regard this approach vital to any medical emergency preparation. "Teamwork encourages us to be curious, ask questions and gain enthusiasm about certain topics - and this enthusiasm is contagious!" they say.

"Remember, there is never a question that is not worth asking. Motivate through your actions, share your knowledge and lead by example. It is extremely important for dental teams to remain united when responding to challenging situations. Policies and procedures are put in place to avoid any miscommunication and to aid the understanding of knowing what roles we play in the team. This will always reduce the risk of significant events and mistakes.



Rebecca Power is a dental nurse at the oral health department of Norfold and Norwich University



Dr Sary Rahma is a speciality doctor in oral and maxillofacial surgery at the oral health department of Norfolk and Norwich University





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