“I’m in love”

Why dentists prefer to use AquaCare

Abfraction has long been discussed as a treatment in all areas of dentistry. With AquaCare, UK-based Velopex International has introduced an innovative and contactless way to abrade and polish teeth. The unit combines four powder cartridge systems with an easy-to-use multi-function handle—that can even double via the foot controls as a 3-in-1!

All the clinician requires is an air line, which all dental practices have; everything else is provided in the AquaCare introductory kit. Our handpiece is at the centre of fluid abrasion. The unique Venturi design tip allows for the solution to be kept separate from the powder and air and never clogs. This single-use tip delivers a gentle stream of solution and media directly to the tooth surface. The AquaSol fluid is dispensed from an inverted bottle. This dual purpose solution also acts as a cleaning agent for the AquaCare while providing a pleasant vanilla aroma for the patient.

Fig. 2: Dr Thomas Taha used Aquacare 53 micron aluminium oxide cutting powder

What are the major advantages of the AquaCare and AquaCare Twin systems for general dentists? Could you also please explain the areas of preferred solution. Increasingly, clinicians are using 5µ for periodontic, endodontic, orthodontic, cleaning and paediatric treatments. Only in AquaCare units can clinicians have the potential to revolutionise common dental treatments, such as cutting, caries removal, cavity preparation, cleaning and polishing. What is your vision?

Across the world, contactless interactions are common in our daily life. Now dentists can offer patients contactless dentistry. Good preventive dentistry and oral health care can help prevent cavities, gingivitis and periodontal disease, keeping patients’ smiles happy and healthy. Our patient leaflet serves to aid the dental health care professional by explaining the gentle effect of AquaCare on the patient’s teeth and gums. Patients know about contactless and enjoy the speed of interaction, and research indicates that consumers are likely to spend more money owing to the ease of interaction. A practice that introduces, for example, a “Power Clean” under the brand of contactless dentistry might benefit in this regard too. Contactless dentistry is not exclusively for prophylactic treatments. Other treatments include preparations for Class V cavities, use in orthodontic de-bonding and bracket removal, and abrasion of occlusal brown spot lesions prior to fissure sealing (without the needle)—another practice-building enhancement, equating on the UK NHS to 3 UDA’s.

Fig. 2: Dr Thomas Taha used Aquacare 53 micron aluminium oxide cutting powder to remove fractured and decayed hypomineralised tooth tissue only without the need for drilling.

Dr Walter Devo, Founder of STYLE ITALIANO, with the AquaCare Twin unit: “Finally, the sandblaster of my dreams!”

Fig. 3: Dr Jason Smithson: Particle abrasion with 29 micron alumina to remove prismatic enamel and improve bond strengths prior to no prep direct bonding to close black triangles which were secondary to periodontal disease.

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