

Teledentistry your partner in improving the oral health care of your patients

In this year's first issue, we published "Telemedicine in dentistry as the gold standard of improving access to oral health care" [1].

The Editorial Office has received several readers' requests to provide more information about the telemedicine systems used in dentistry. I have planned this presentation for this year's last issue. In order to make the presentation more compelling, I have asked for an ad page from both Dr. Jerry Herman, DDS, New York City, NY 10022 for *TeleDent* by MouthWatch, and Dr. Robert Clark, DDS of Liverpool, NY 13090 for *DrQuickLook* system. Both had a similar response, teledentistry systems were conceived and promoted only in the US. They are not interested in making their systems known in Europe because they do not know the dental market and have no distributors.

When accessing the American Dental Association website in the ADA Dental Product Guide for the Cameras, Intra and Extra Oral category, among the 17 Product Profile, one comes across *DrQuickLook™* Intraoral Dental Viewer Vendor: *DrQuickLook* [2].

If we visit <https://drquicklook.com/>[3] we notice two profile products:

- *DrQuickLook* SD Plus Intraoral Camera
- *DrQuickLook* PDA Tablet

DrQuickLook SD Plus Intraoral Camera

Intraoral SD and SD Plus cameras allow dentists to capture and save high-quality intraoral images on a standard SD card. The images are viewed and examined together with the patients on a 5-inch touchscreen. They help the patient to become aware of their own clinical condition and to better understand the dental treatment recommended. The cameras are easy to handle, feature an intuitive touch screen and switching buttons. The cameras work without a computer, any external software or a USB cable. SD Plus includes a FaceCam to capture extra-oral images. Images can be easily transferred to the desktop computer and the patient file, regardless of the patient management software. The necessary visual evidence for patient education is thus obtained. An optional patient education package with more than 30 videos and slideshows is available.

DrQuickLook PDA Tablet

PDA Tablet is a unique system that combines intraoral imaging and patient education, enhancing patient care and saving time for clinicians. Based on a Microsoft Surface

3 tablet, it can capture high-quality intra- and extra-high quality images that can be saved in the included software and transferred to the current patient management solution. PDA software includes features such as quad viewing as well as draw on screen, making it an ideal show and tell device to help patients understand the diagnosis and say yes to the treatment plan proposed. The system includes the informed consent and post-op videos as well as more than 60 patient education videos.

DrQuickLook™ systems are recommended to be used in the following specialties: Dental Public Health, Endodontics, General Dentistry, Oral/ Maxillofacial Pathology, Oral/ Maxillofacial Radiology, Oral/ Maxillofacial Surgery, Orthodontics and Dentofacial Orthopedics, Pediatric Dentistry, Periodontics, Prosthodontics .

We look forward to the new edition of IDS 2019 in Cologne to evaluate together what new teledentistry systems are offered to us by the producers.

References

[1] http://www.htomaeduj.com/wp-content/uploads/2018/01/Prod_news_v5_1.pdf

[2] <https://www.ada.org/en/publications/ada-dental-product-guide/product-category/product-profile?productid=1085&catid=27>

[3] <https://drquicklook.com/>

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To comparatively analyse the two systems, we have compiled a table presenting the technical specifications of each.

Item	DrQuickLook SD Plus Intraoral Camera	DrQuickLook PDA Tablet
Warranty	1 Year	One Year Full Warranty and Remote Access Support
Weight	23 oz. (652.04 g)	1.37 lbs (621.42 g)
Light Source	LED	6 LEDs
Resolution	up to 1024 x 768 pixels	up to 1024 x 768 pixels
Wireless	Viewer is wireless, camera wand connect to Viewer via 37" cord	Wi-Fi (802.11 a/b/g/n/ac), Bluetooth 4.0
CPU Connection	Images saved to standard SD card for transfer to any computer	USB 2.0/3.0; Micro USB; Mini HDMI
Capture Card Needed	N/A	No
Docking Station Needed	N/A	No
Focus	Fixed Focus	Fixed Focus
Visual/Viewing Angle	105°	80°
Software	None needed	PDA Imaging App
Undistorted Extraoral / Wide Angle Available	Yes	