

Why Migrate to Digital?

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There's no getting around it...

The present and of dentistry is inevitably digital!



Figure

Why goes digital?

The answer is simple, just to give you more precise treatments in less time. Dental restorations traditionally require a component of artisan work and as in any task, the quality depends on the skills of the operator; on the specific case of dentistry, it depends on both, dentist and dental technician to obtain dental restorations that are approach to perfection and achieve high standards of adaptability, aesthetics, function, form, and color; with minimal possibilities of error, which is humanly very difficult, if the work is carried out manually.

Digital dentistry reduces the risks and inaccuracies that sometimes occur in work performed by humans, providing greater consistency, greater accuracy, and greater precision, at each stage of the dental workflow. Each digital stage is standardized, minimizing risks, dental restorations have better fit, better function, greater aesthetics, and greater clinical adaptability, with fewer errors, with fewer adjustments in the mouth and are obviously delivered to the patient in less time.

Improved efficiency

For saving time. Even though each clinical situation and each treatment is personal and individual, all processes are standardizable, predictable and repeatable, providing more precision and higher quality, minimizing human errors and failures in the applicability of materials. Less intraoral work time in the impression taking, less laboratory work time and less time for functional adjustment in the mouth.

Investment

The high investment to have reliable equipment that provides us with high quality and efficient treatments is always worth it. Investing in technology, top of the edge materials and in continuing education of our professionals is always a good choice because in this way, we know that our treatments are better every day, for the benefit of the oral health of our patients.

In dental practice, time is money, with high-precision technology, appointments are shorter, higher throughput and more satisfied patients.

Better patient experience

One of the most important benefits of digital technologies is the improvement in patient experience and comfort. Digital technologies improve the workflow from diagnosis, planning and execution of treatments. Intraoral scanning is faster and substantially more comfortable than conventional alginate or silicone impressions; additionally, it complements a conglomerate of data to facilitate planning, allowing more conservative treatments and restorations with better function.

Work flow

There is a high range of interactions such as orthodontics, implantology, dental cosmetics, full arch restorations, endodontics, obviously varying their applicability according to each specialty, where all treatments start from the same principle, digital impression, and a good clinical diagnosis.

Scanning

Like the fabrication of conventional restorations, digital design and manufacturing begin with the unique and individual shape of the teeth and the physiognomy of each patient. Intraoral scanners can be used in dental practice to capture images directly into the patient's mouth, replacing unpleasant manual impressions with fast and accurate digital impressions. This digital intraoral patient's record can be coupled with extraoral photographs and CT scans to concatenate all individual information and collect the data to create smiles with excellent function, harmony, and aesthetics.

Design

After intraoral capturing, anatomical, morphological, and functional data of the patient are exported to the dental CAD software, where treatments can be planned and each individualized restoration can be designed, type of material chosen, specific color and a virtual assembly in articulator.

Manufacturing

State-of-the-art materials with high standards of quality and longevity are used to make each restoration, which are essential to manufacture pieces with smooth surface finishes, fine details, individualized morphology, with high precision. A digital milling machine is in

charge of manufacturing all restorations; depending on the type of milling machine, the time required can be between 12 min to 2 hours. Being able to deliver restorative treatments in a single appointment.

Delivery

Generally, these CAD/CAM pieces require minimal intraoral adjustments, since each step is digitally standardized, so each final restoration is highly aesthetic and highly functional, minimizing discomforts that a dental appointment can cause.

ChairSide

Today, thanks to the advances in technology and the use of cutting-edge materials that are used, it is possible to perform restorative or implantology treatments in a single day: planning, execution, and delivery in the mouth; this way, a patient can optimize its time and avoid recurring appointments to the dental office.

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