

THE DENTAL X-RAY MAGAZINE FROM SIRONA

X-Vision

RELEASE 2

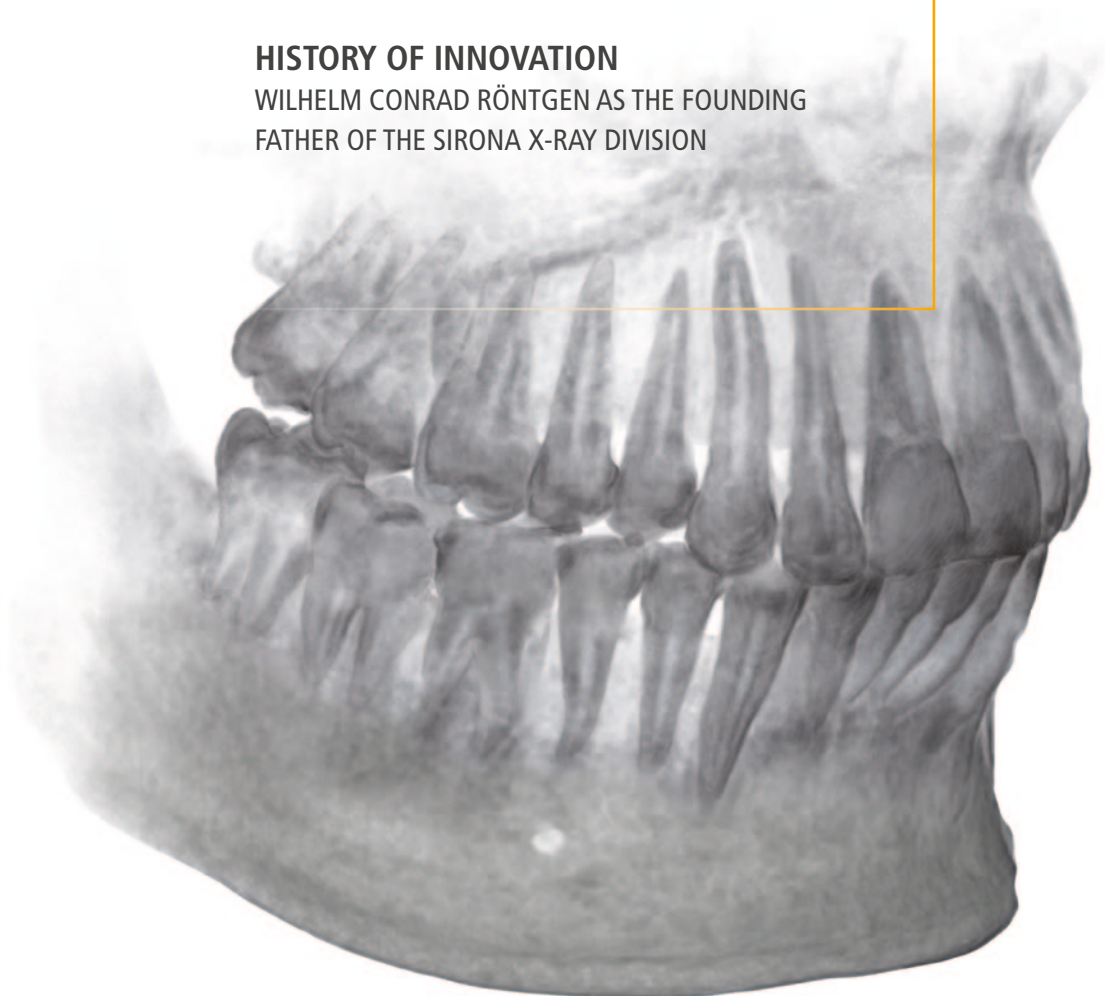
REDEFINING DIGITAL IMAGE QUALITY

NICK VEASEY

ON X-RAY IMAGES THAT ARE WORKS OF ART

HISTORY OF INNOVATION

WILHELM CONRAD RÖNTGEN AS THE FOUNDING
FATHER OF THE SIRONA X-RAY DIVISION



sirona.

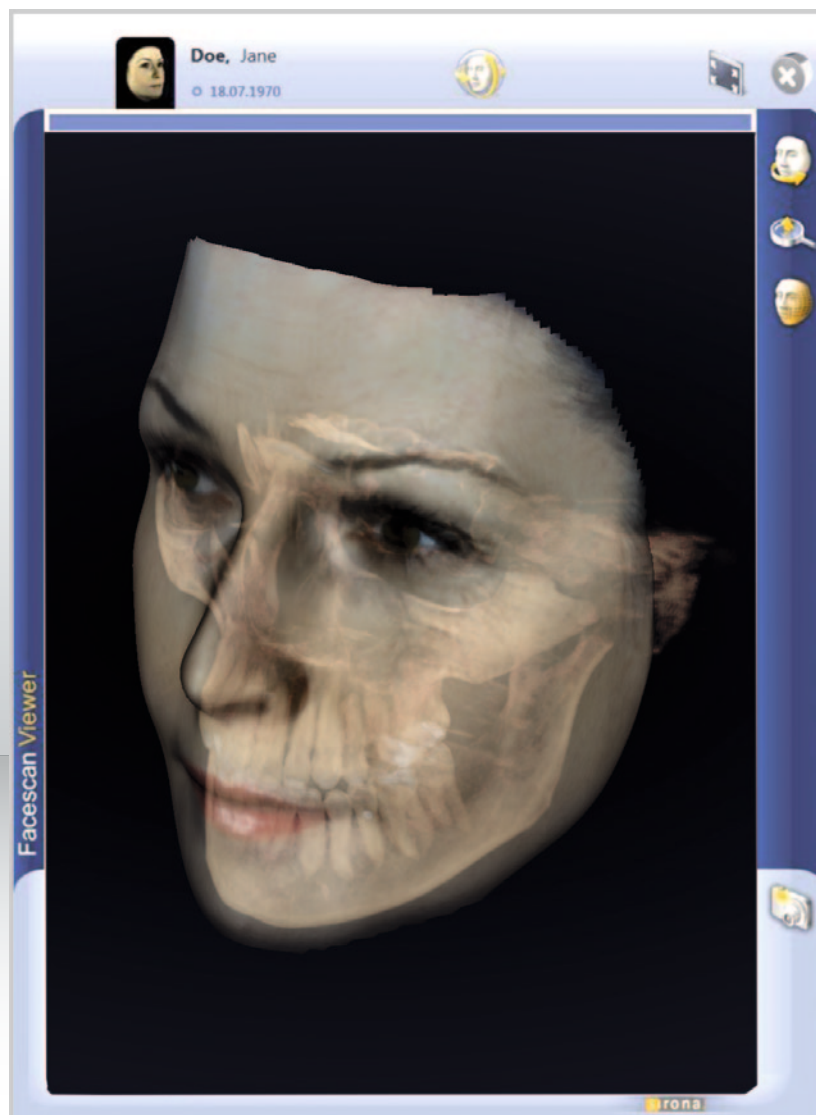
The Dental Company

INTEGRATED FACESCANNER

WELCOME TO THE PRACTICE OF THE FUTURE!



By scanning this QR-code with your smartphone or iPad 2 you receive a movie featuring information on GALILEOS Facescanner.



The face scan is displayed in an integrated viewer. The CBCT image and the face scan are automatically superimposed.



With the FaceScanner integrated in GALILEOS x-ray units, the vision of the virtual patient is coming within reach: while taking the x-ray, this scanner plots a virtual face scan that is simultaneously superimposed with the 3D x-ray data. The face scan helps you to plan your therapy, makes treatment more comprehensible for your patients, and thus ensures greater understanding and trust.

As part of the vision of virtual patients, orthodontic and maxillofacial surgery applications are also being planned. It is absolutely plausible that dentists will be able to simulate changes to the facial surface resulting from surgical or orthodontic procedures using morphing software before starting any procedures, thus being able to clearly show patients the possible results of a therapy.

BENEFITS

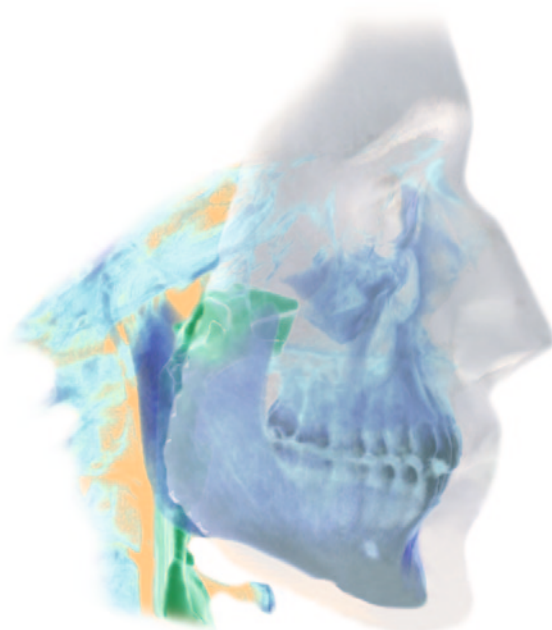
PATIENT MARKETING WITH THE GALILEOS FACESCANNER:

- Patients identify themselves more easily with a face scan than with an x-ray image
- This enables them to better understand therapy suggestions and to more readily accept them
- Questions and misunderstandings can be more easily answered or clarified through Doctor/Patient codiagnosis
- The perception of the dental practice improves thanks to word-of-mouth recommendations by patients
- No additional scan time is necessary, patients do not need to be repositioned, and there is no tedious superimposition of the data thanks to simultaneous recording and automatic registration

TECHNICAL DATA

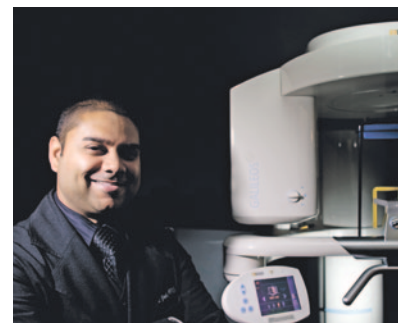
AN OVERVIEW OF THE GALILEOS FACESCANNER:

- Laser-free technology, gentle operation with white light
- All GALILEOS devices can be retrofitted
- Easy data exchange using software from other manufacturers, e.g., for orthodontic measurements
- Integrated viewer software with easy operation
- Data superimposed with high precision



Facescan-Export in Dolphin

“I RELY ON THREE-DIMENSIONAL DENTISTRY”



Dr. Neal Patel has been the owner of “Infinite Smiles” in Powell, Ohio, since 2008. He is seen here with his GALILEOS 3D x-ray unit.

A PRACTICE REPORT FROM DR. NEAL PATEL

Dental practitioners in private practices are often judged by the first impression they make on their patients.

I know today that achieving success only three years after opening my own practice is the result of the best technology and equipment that modern dentistry has to offer. Patients leave my practice and share their great experience with friends and family. In today’s high tech environment patients expect certain advantages during treatment. The opportunity to collect and store patient data digitally is considered advanced. I chose digital sensors by Sirona that are seamlessly integrated into my practice administration software.

THE PATIENTS ARE IMPRESSED BY HOW SHARP THE DIGITAL X-RAY IMAGES APPEAR ON THE COMPUTER SCREEN COMPARED TO FILMS ON A LIGHT BOX.

It is also very important to me to be able to offer comprehensive dental diagnostics. Even the best trained dental practitioner can only make precise diagnoses with increasing experience. My initial lack of clinical experience encouraged me to explore leveraging technology to improve my practice. This led me to choose a GALILEOS 3D X-ray unit from Sirona. The ability to create 3D images clearly distinguished my practice from others. With a single scan I am able to consider all facets of dentistry when making a diagnosis: endodontics, periodontics,

orthodontics, maxillofacial surgery, implantology, airway analysis, and general dentistry.

SINCE I HAVE BEEN EXPLAINING TREATMENT NEEDS TO PATIENTS USING 3D IMAGES, THEY ACCEPT MY THERAPY SUGGESTIONS MUCH MORE OFTEN.

The comprehensive display of data in a CBCT scan has also led to significant time savings during the initial examination of a new patient. In my practice I am now able to compile a comprehensive diagnostic and treatment plan. What was still missing was a flexible platform for restorative clinical treatments. I chose the CAD/CAM platform CEREC from Sirona. With



CEREC I can now offer prosthetic products in my practice such as crowns, inlays and onlays right up to veneers. The CEREC platform is flexible and functions as a digital impression system with digital lab communication and lab fabrication of prosthetics, to chairside milling for same appointment restorative care. What is most important is that I have full control over my results from start to finish.

In addition to the interdisciplinary areas listed above I knew I needed a platform for growth in my practice. Knowing the high demand for and excellent success rate of implants propelled me to want to learn how to offer them as the best replacement solution to take the place of a fixed bridge.

INTEGRATED IMPLANTOLOGY WITH CEREC AND GALILEOS PROVIDED ME WITH A TERRIFIC WORKFLOW, CLINICAL SAFETY, AND ECONOMIC SUCCESS.

Patients who are shown their treatment situation in three dimensions and recognize the correspondence between crown and implant and their natural teeth are more receptive and more readily choose the therapy suggestion. If, however, they have to create a picture of their mouth situation based on descriptions and models, the dentist needs considerably more time for the consultation.

The combination of the 3D scan from GALILEOS with the data from the planned restorative treatment from the CEREC software enables me to simultaneously plan both surgery and prosthesis – without having to make esthetic compromises. With the help of drilling templates ordered directly from the software, I can then place implants exactly where they had been planned.

THIS GIVES ME THE ASSURANCE AND CONFIDENCE TO PLACE AND RESTORE MORE IMPLANTS MYSELF AND THUS TO INCREASE THE PRODUCTIVITY OF MY PRACTICE.

The combination of these devices is my technological recipe for excellent dentistry. I am excited and really happy to work with this fabulous technology because I feel that I am able to offer every type of clinical therapy. The ultramodern features enabled me to very quickly make a name for myself after establishing my practice.

MY PATIENTS SEE IN ME A YOUNG AND ENTHUSIASTIC DENTIST WHO OFFERS DENTAL TREATMENTS AT THE HIGHEST LEVEL USING OUTSTANDING TECHNOLOGY.