Hyperion X5

3D/2D CEPH imaging system

3D/2D
CEPH

myray

new comfort
in digital imaging

Hyperion X5.

Continuous innovation.

Today, the smallest 3D/2D suspended system in the world evolves to integrate cephalometric examinations as an extra option. Innovative design, flexibility and user-friendliness. Out of our experience comes the best solution for every dentist.

myray
new comfort
in digital imaging

hyperion
X5

Out of our experience comes the best solution for every dentist.
A unique, easy to install and use imaging system

BUILT AROUND YOUR NEEDS

Hyperion X5 is an advanced, fast, simple imaging system that minimises X-ray doses and maximises image quality.

VERSATILE DIAGNOSTICS

Cutting-edge high definition 3D technology and fast-scan 2D MultiPAN. Maximum results with minimum times and low X-ray doses.

ALWAYS BY YOUR SIDE

Maximising performance and simplicity of use. Hyperion X5 simplifies your work thanks to extremely fast scans.

BUILT AROUND YOUR NEEDS

Hyperion X5 is an advanced, fast, simple imaging system that minimises X-ray doses and maximises image quality.

- **3D/2D CEPH AIRgonomics**
  All you need is a wall.

- **Compact&Light**
  Complete, accurate and fast 3D/2D diagnoses, all in one device.

- **Plug&Play**
  iPad Apps available for wireless control and image display. Settings, start and image capture - all at your fingertips.

- **Mini Budget**
  Contained installation costs and times.
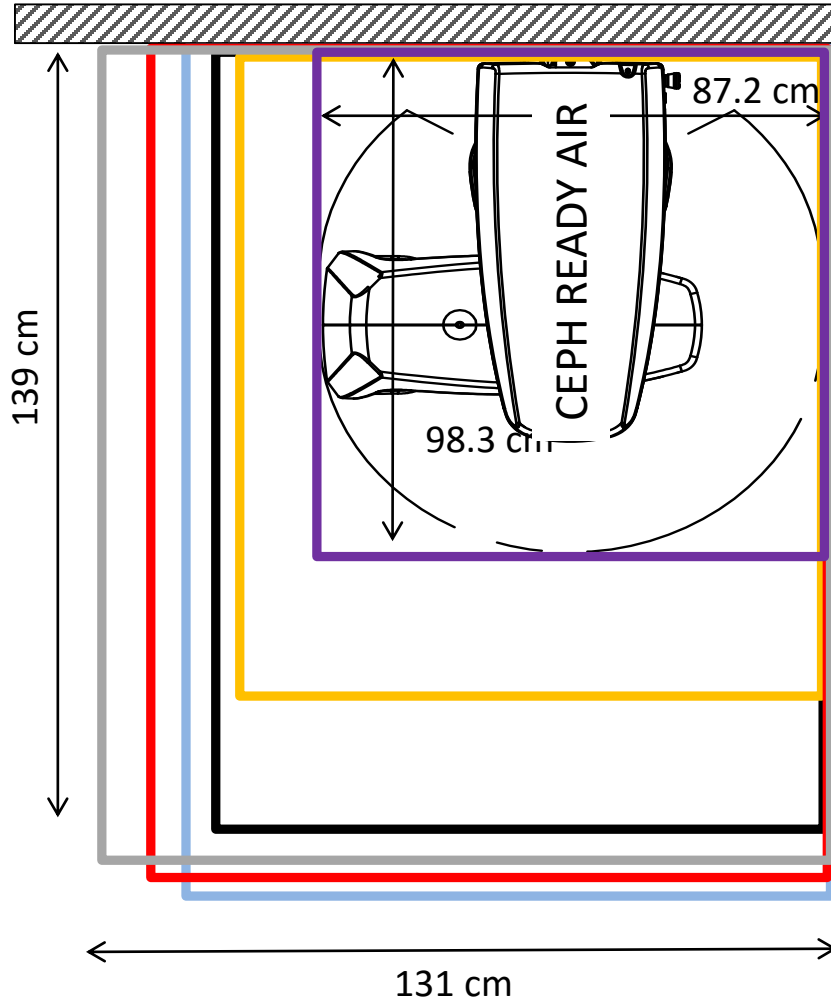 The outstanding quality of the materials means minimum maintenance, ensuring maximum reliability.

Preview di prodotto con immagini e dati prelimiari

3D/2D AIRgonomics

WALL-MOUNTED

The world's smallest suspended imaging system. Light and compact like an intraoral X-ray unit, offering an extensive range of possibilities.

All you need is a wall!

Preview di prodotto con immagini e dati prelimiari

139 cm

CEPH READY AIR

87.2 cm

98.3 cm

131 cm

Compact&Light

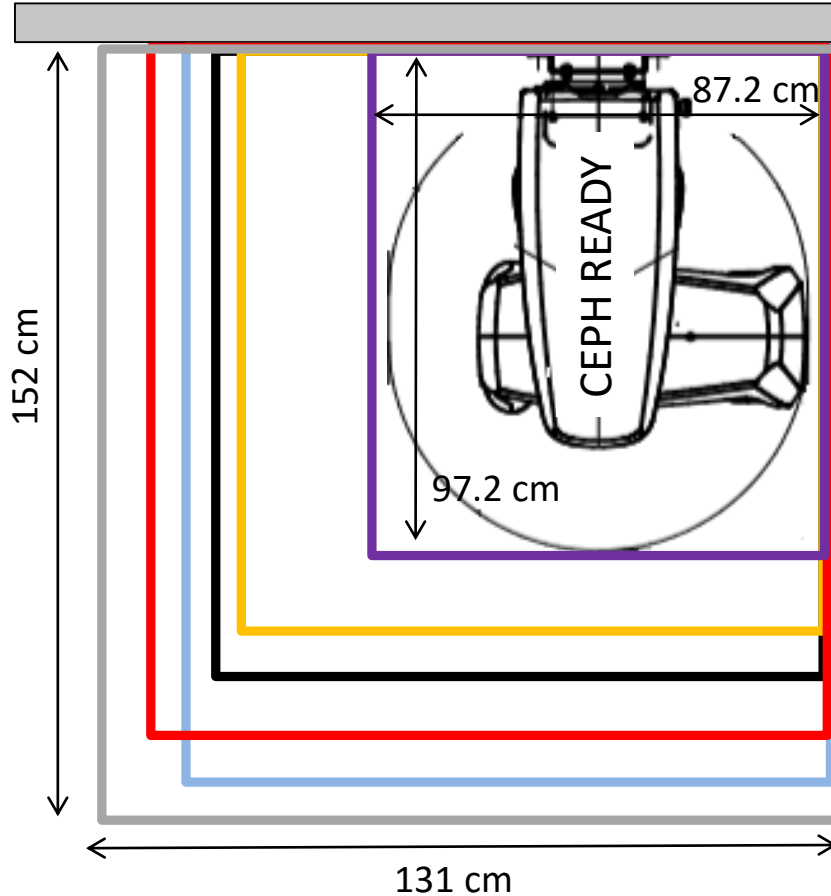Complete, accurate and fast 3D/2D diagnoses, all in one device.

• ## All you need is a wall

A refined, clean, essential, ultra-compact design. Hyperion X5 is world's smallest imaging system and can be installed in any practice: all you need is a wall!

- Compact design
- Wall-mounted
- Easy installation

COMPACT&LIGHT

• **MYRAY**	**| Hyperion X5 3D**	
• **CARESTREAM**	**| CS 8100**	
• **PLANMECA**	**| ProMax Classic**	
• **VATECH**	**| PaX i 3D Smart**	
• **SIRONA**	**| XG 3D**	
• **MYRAY**	**| Hyperion X9 3D**	

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in digital imaging

Compact&Light

Complete, accurate and fast 3D/2D diagnoses, all in one device.

- ## All you need is a wall

  A refined, clean, essential, ultra-compact design. Hyperion X5 is world's smallest imaging system and can be installed in any practice: all you need is a wall!
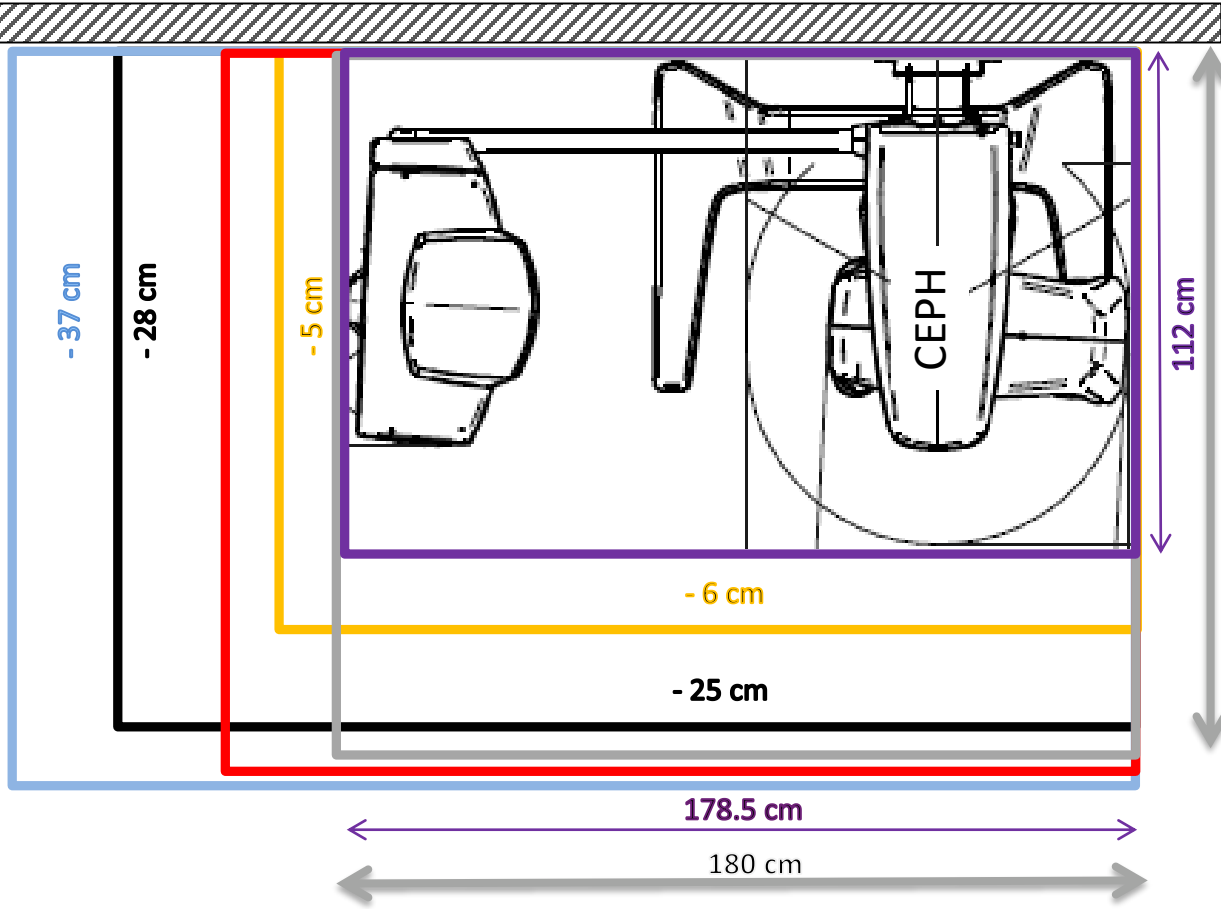
  - Compact design
  - Wall-mounted
  - Easy installation

152 cm

131 cm

87.2 cm

97.2 cm

CEPH READY

COMPACT&LIGHT

•	**MYRAY**	**| Hyperion X5 3D**
•	**CARESTREAM**	**| CS 8100**
•	**PLANMECA**	**| ProMax Classic**
•	**VATECH**	**| PaX i 3D Smart**
•	**SIRONA**	**| XG 3D**
•	**MYRAY**	**| Hyperion X9 3D**

Compact&Light

Complete, accurate and fast 3D/2D diagnoses, all in one device.

- 37 cm | - 28 cm | - 5 cm | 112 cm | 139 cm | CEPH

- 6 cm

- 25 cm
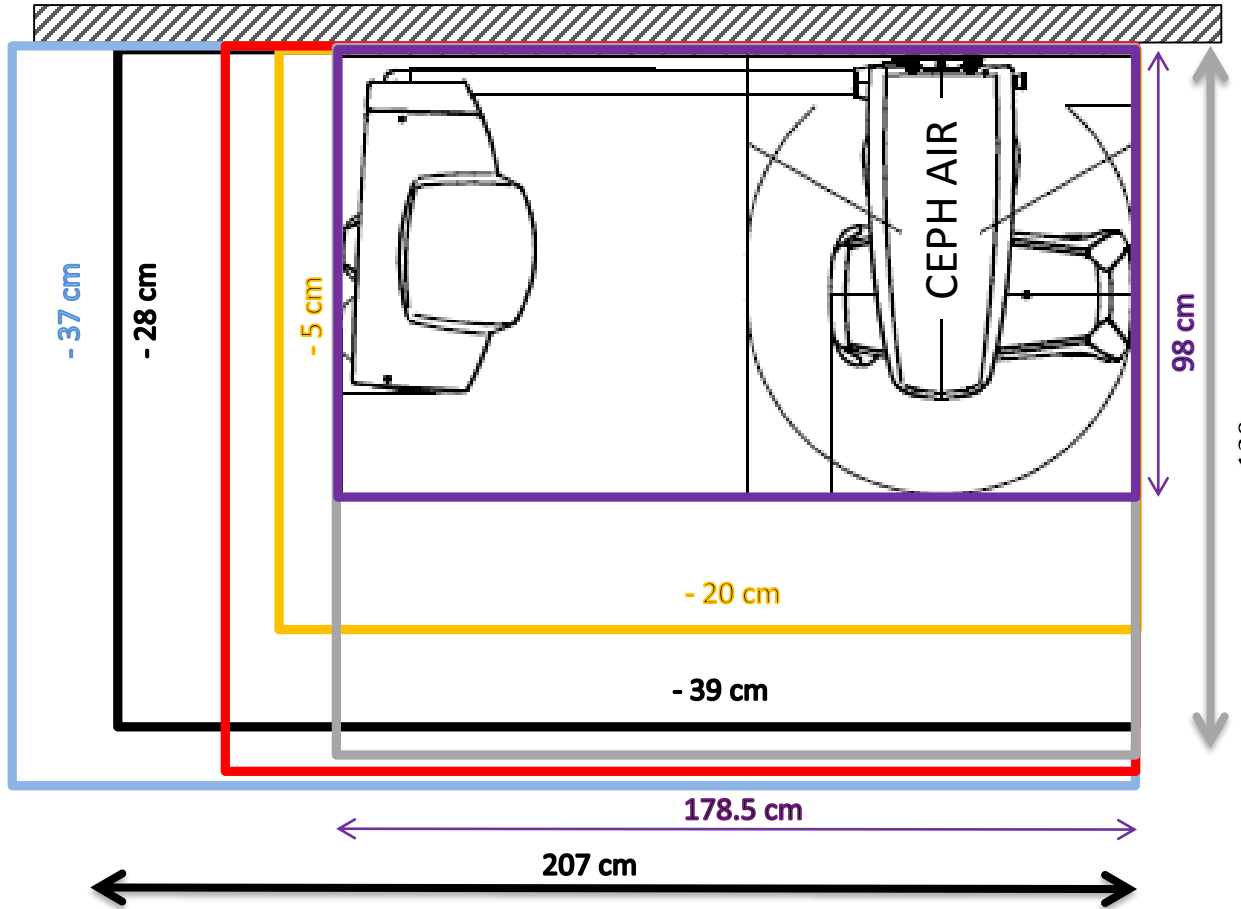
178.5 cm

180 cm

COMPACT&LIGHT

my-ray.com

- MYRAY | **Hyperion X5 3D**
- CARESTREAM | **CS 8100SC 3D**
- PLANMECA | **ProMax Classic**
- VATECH | **PaX i 3D Smart**
- SIRONA | **XG 3D**
- MYRAY | **Hyperion X9 3D**

• Ultra Compact
A refined, clean, essential, ultra-compact design.

Hyperion X5 is world's smallest imaging system and easily adapts to any surgery:

- Compact design

Preview di prodotto con immagini e dati prelimiari

8

Compact&Light

Complete, accurate and fast 3D/2D diagnoses, all in one device.

- 37 cm

- 28 cm

- 5 cm

CEPH AIR

98 cm

139 cm

- 20 cm

- 39 cm

178.5 cm

207 cm

COMPACT&LIGHT

- • **MYRAY** | **Hyperion X5 3D**
- • **CARESTREAM** | **CS 8100SC 3D**
- • **PLANMECA** | **ProMax Classic**
- • **VATECH** | **PaX i 3D Smart**
- • **SIRONA** | **XG 3D**
- • **MYRAY** | **Hyperion X9 3D**

• **All you need is a wall**

A refined, clean, essential, ultra-compact design. Hyperion X5 is world's smallest imaging system and can be installed in any practice: all you need is a wall!

- Compact design
- Easy installation

Preview di prodotto con immagini e dati prelimiari

Plug&Play

Applications available for iPad to provide Wi-Fi remote control and fast diagnostics. Settings, start and image capture - all at your fingertips.

- Instantaneous use
Simple ONE TOUCH work flow.
Ultra-fast ECO FRIENDLY service cycle.

- Single-sensor 3D/2D device
Immediately-ready single-sensor image.

- Virtual Control Panel
Remote control interface (PC and APP) with simple, intuitive single 3D/2D work flow

- Real-Time Diagnostics
Shorter diagnosis and treatment times

Preview di prodotto con immagini e dati prelimiari

my-ray.com

10

Plug&Play

Teleradiography (Ceph) - 3D machine
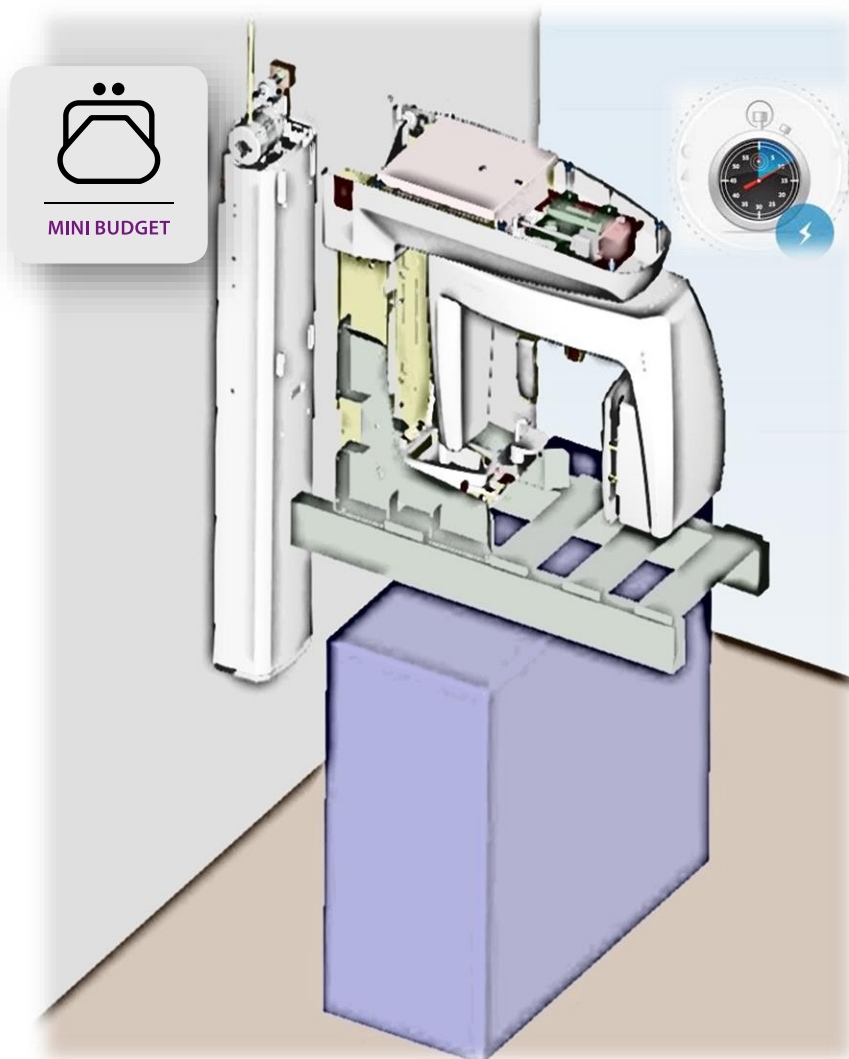Automatic roto-transfer of the 3D-PAN sensor block with secondary CEPH collimator

AiR

Plug&Play

Teleradiography (Ceph) - 2D machine
Relocatable PAN-CEPH sensor with secondary ceph collimator integrated in the rotating arch

Preview di prodotto con immagini e dati prelimiari

BUILT AROUND YOUR NEEDS | 3D/2D AIRGONOMICS | COMPACT&LIGHT | PLUG&PLAY | **MINI BUDGET**

MINI BUDGET

Mini Budget

Contained installation and calibration costs/times. The outstanding quality of the materials means minimum maintenance, ensuring maximum reliability.

- **Contained costs and times**

  Easy installation
  Fast training
  Minimum maintenance

- **Long-lasting reliability**
  Simple, high quality electro-mechanical systems Easy assistance, also available remotely.

Preview di prodotto con immagini e dati prelimiari

VERSATILE DIAGNOSTICS

Cutting-edge high definition 3D technology, 2D MultiPAN with fast scan and Full CEPH. Maximum results with minimum times and low X-ray doses.

- 2D exam: complete PAN solution from DENT to SIN and ATM

- 3D MultiFOV for maxillary and dental sinuses, high resolution assessment

- NEW CEPH, all the diagnostic potential you need.

- iRYS, all-in-one 2D and 3D scan software, all the dental diagnostic potential you need. PERFECT DIAGNOSTIC POWER

Preview di prodotto con immagini e dati prelimiari

my-ray.com

14
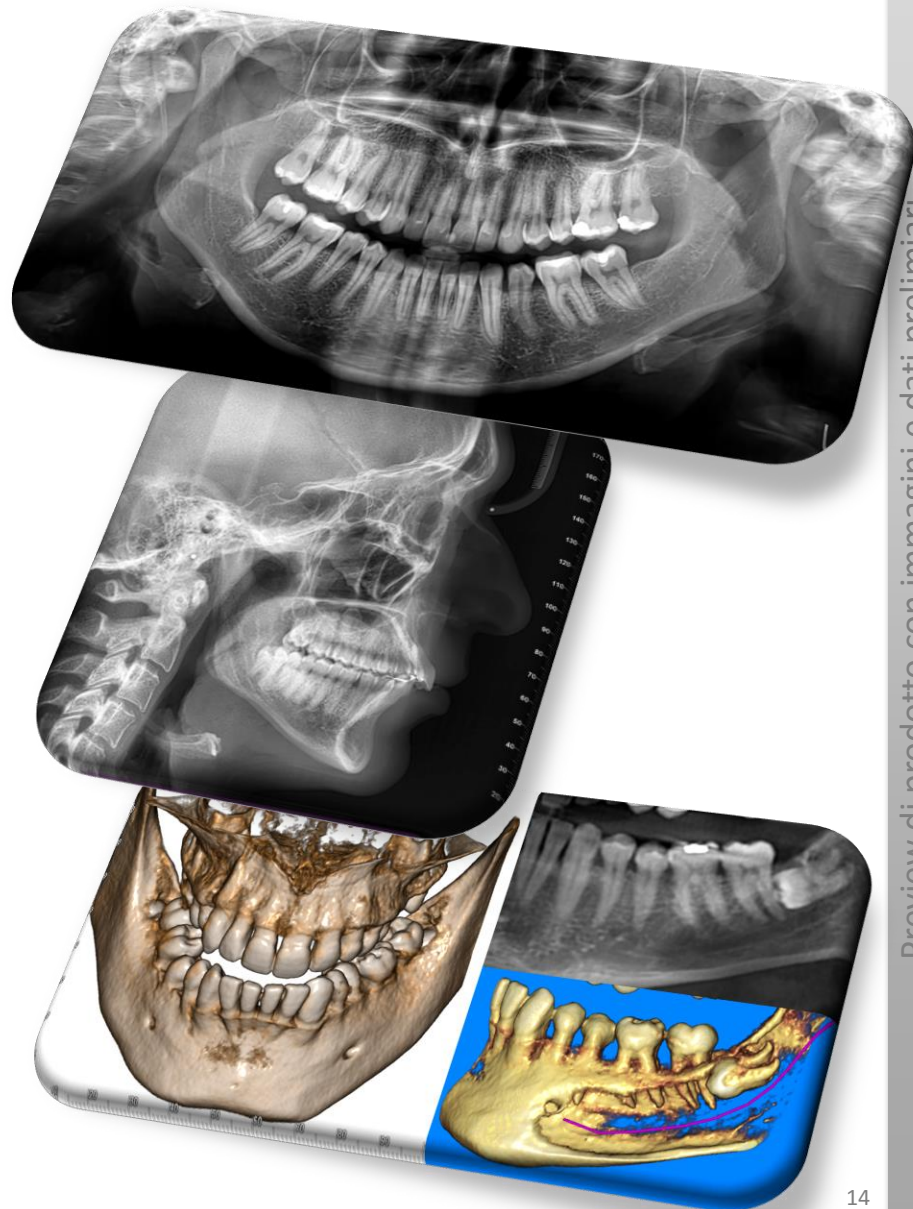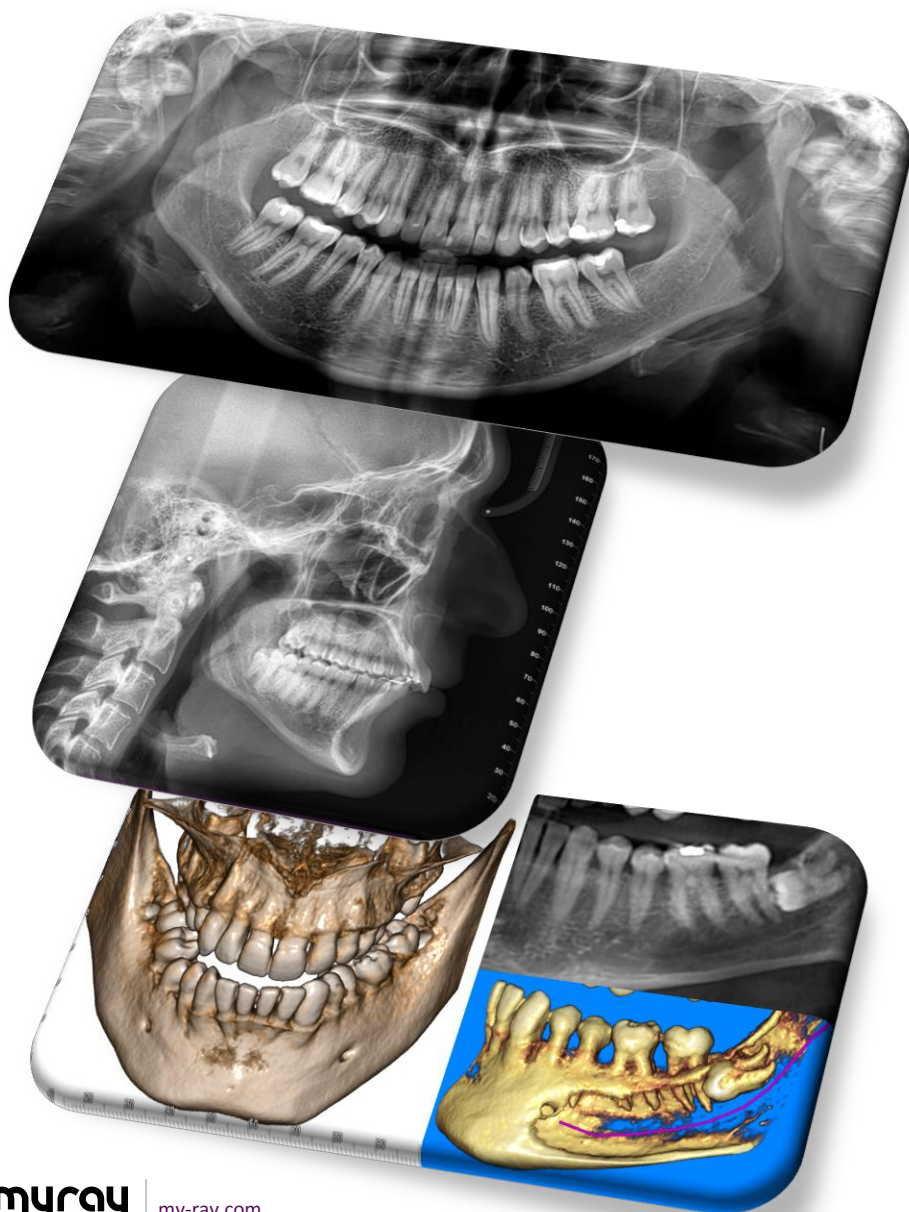
From 2D to 3D, all the diagnostic potential you need.

- 2D diagnosis: PAN - SIN - ATM

- CEPH diagnosis (TeleCranio, Carpo)

- MultiFOV 3D diagnosis DENT & SIN

Preview di prodotto con immagini e dati prelimiari

my-ray.com

2D exams

PAN

SIN
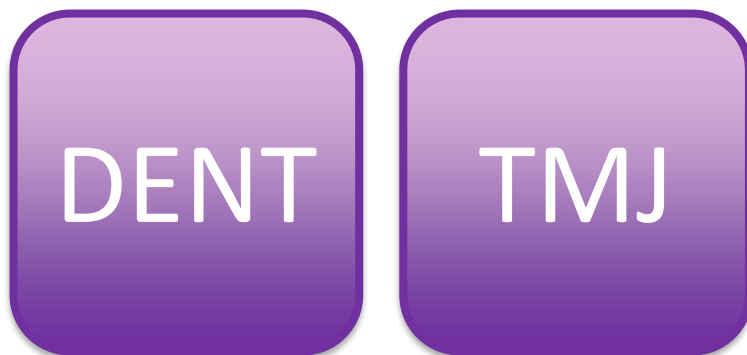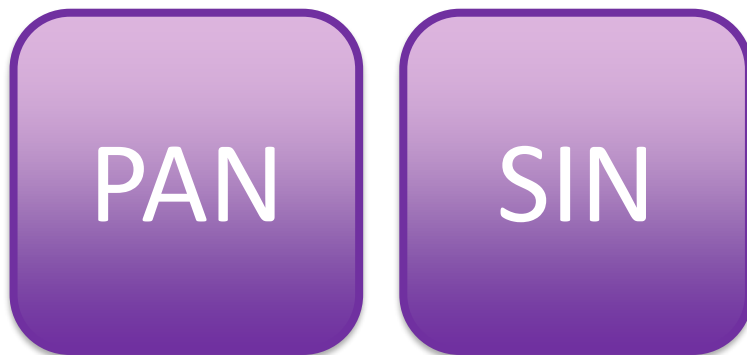
All the diagnostic features you need, with just one touch. Accurate diagnoses for different requirements, from adults to children, essential programmes that meet your needs in just a few simple steps.

DENT

TMJ

Up to **25** diagnostic programmes
- **Focus-Free** panoramic (just one touch)
- PAN Ortho
- Quick PAN (low dose)
- MultiPAN function
- Dentition and Bitewing (limited area)
- Temporomandibular joints (PA and LL)
- Maxillary Sinuses (frontal and lateral)

Preview di prodotto con immagini e dati prelimiari

2D MultiFOV

MULTI FOV

Vertical collimation can be varied according to the diagnostic investigation, reducing patient X-ray exposure.
Useful for paediatric examinations or basic dental analysis.

Preview di prodotto con immagini e dati prelimiari

2D - PAN examinations

FOCUS-FREE PANORAMIC

Panoramic capture programmes with exposure calibrated according to patient build (**MRT**) to adapt X-ray doses accordingly.

ADULT

CHILD

- QuickPAN or standard exposure
- Complete or partial analysis

Preview di prodotto con immagini e dati prelimiari

2D - PAN examinations

PAN STANDARD vs ORTHO

NEW

PAN STANDARD
12.3 s (estimate 9.5 μs)

PAN ORTHO
13.7 s (estimate 10.7 μs)

Improved PAN images with avoidance of teeth overlap

2D - PAN examinations

PAN ORTHO

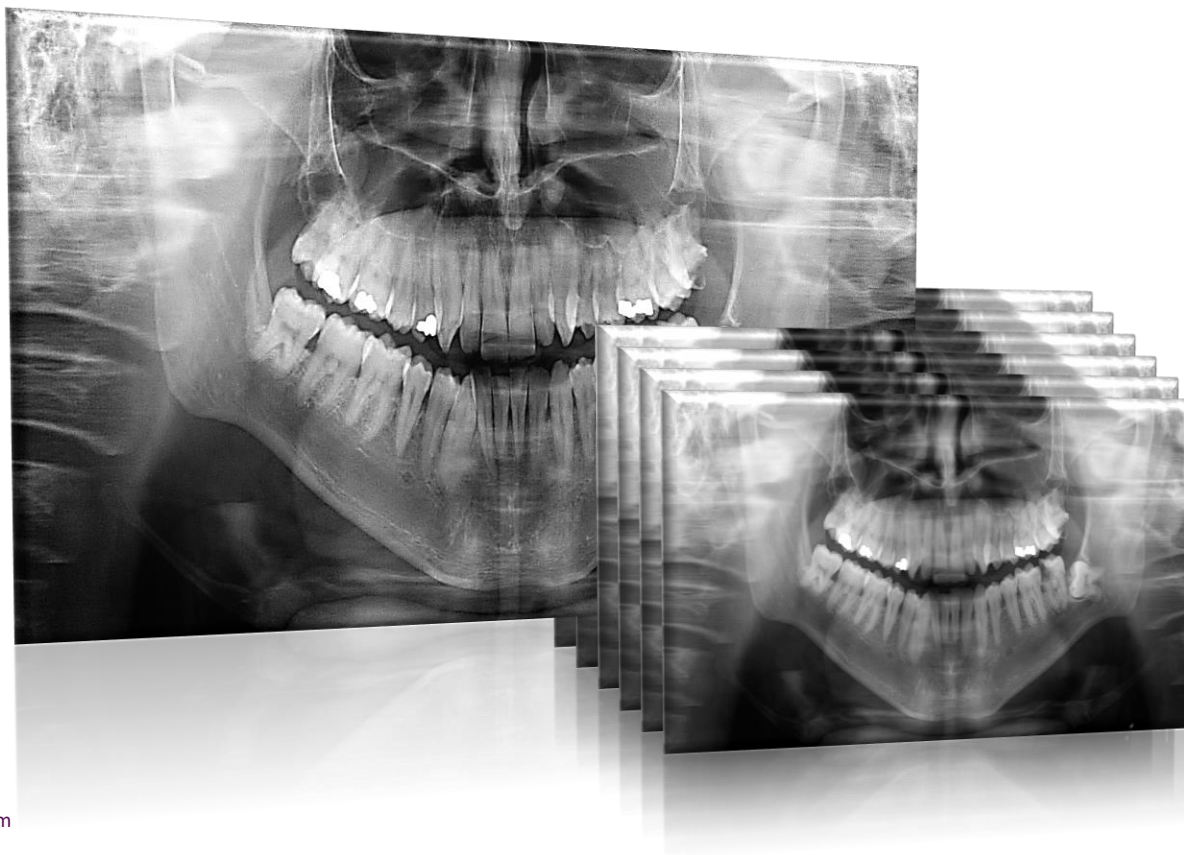Panoramic with optimised interproximal projection for improved periodontal control

NEW

L

Preview di prodotto con immagini e dati prelimiari

2D - PAN examinations

MultiPAN – FOCUS FREE

Focal trough selection. 5 layers with different focusing.
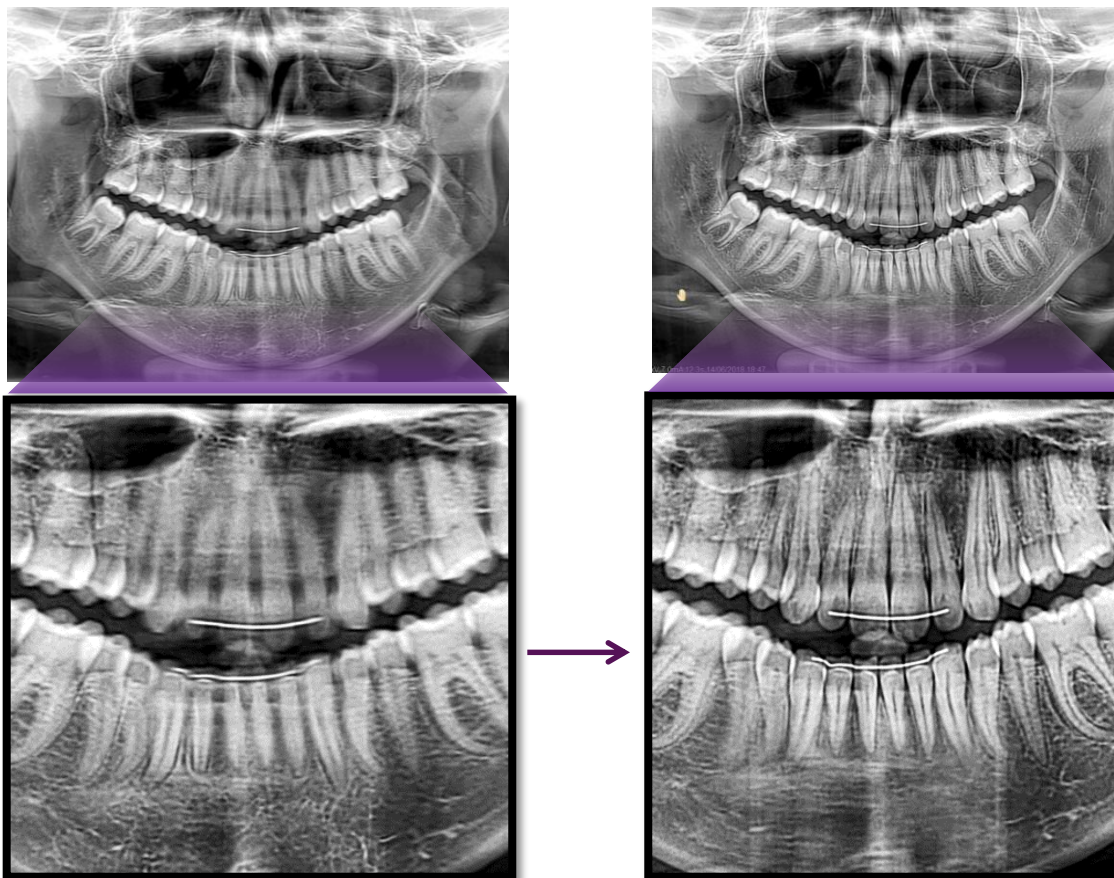
Preview di prodotto con immagini e dati prelimiari

2D - PAN examinations

MULTI PAN

MultiPAN – Multi Vision

Multi-image analysis (single scan) for advanced, more accurate diagnoses in every circumstance (e.g. complex morphology)
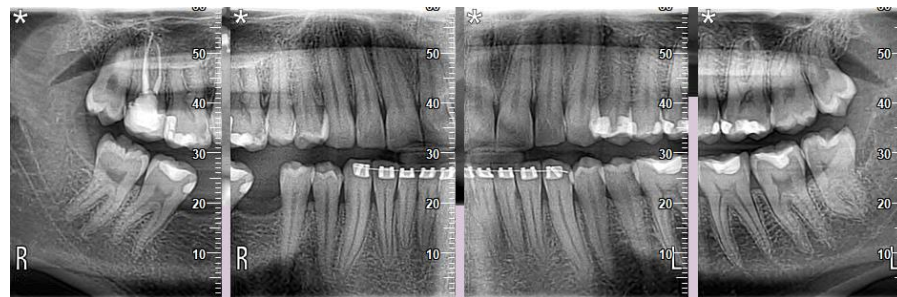
Preview di prodotto con immagini e dati prelimiari

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2D exams

QUICK PAN

- Ultra Fast scan 6.8 s
- Effective dose ~5 μSv

Preview di prodotto con immagini e dati prelimiari

2D - DENT examinations

BITEWING

More comfortable, less intrusive extraoral scan for patients unable to tolerate intraoral bitewings.

DENTITION

Study of dentition with optimised interproximal projection for improved periodontal control and reduced collimation.

- Increased orthogonality
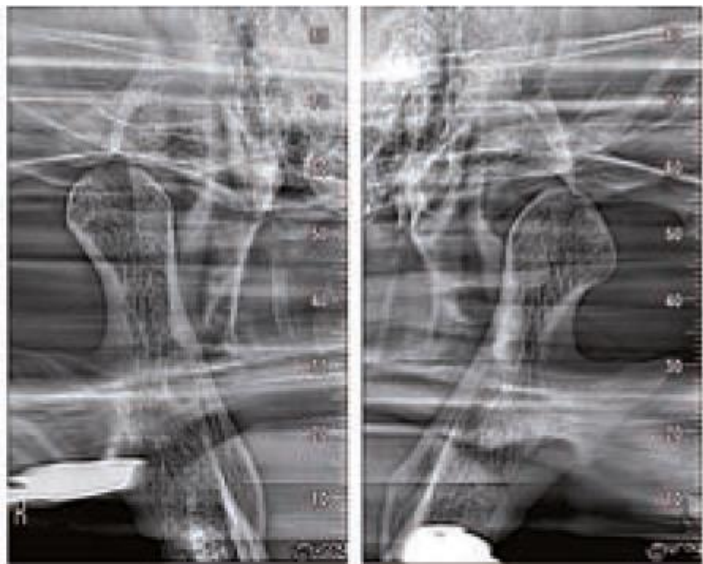- Vertical collimation

my-ray.com

Preview di prodotto con immagini e dati prelimiari

2D - TMJ examinations

TEMPOROMANDIBULAR JOINTS

Simpler assessment of the temporomandibular situation thanks to latero-lateral or antero-posterior images.

• Mouth open or closed
• Sagittal and Coronal

Hyperion X5, TMJ case 2 - 174.5mGycm² 78.0kV 7.0mA 13.8s 3/4 22/06/2015 17:29 (T)   Hyperion X5, TMJ case 2 - 174.5mGycm² 78.0kV 7.0mA 13.8s 4/4 22/06/2015 17:29 (T)

Product preview with images and preliminary data

my-ray.com

2D - SIN examinations

MAXILLARY SINUSES

Characterised by a special image layer that provides X-ray images in which the maxillary sinuses are clearly visible.

- Frontal
- Lateral

LL

CARPO

AP/PA

SBV
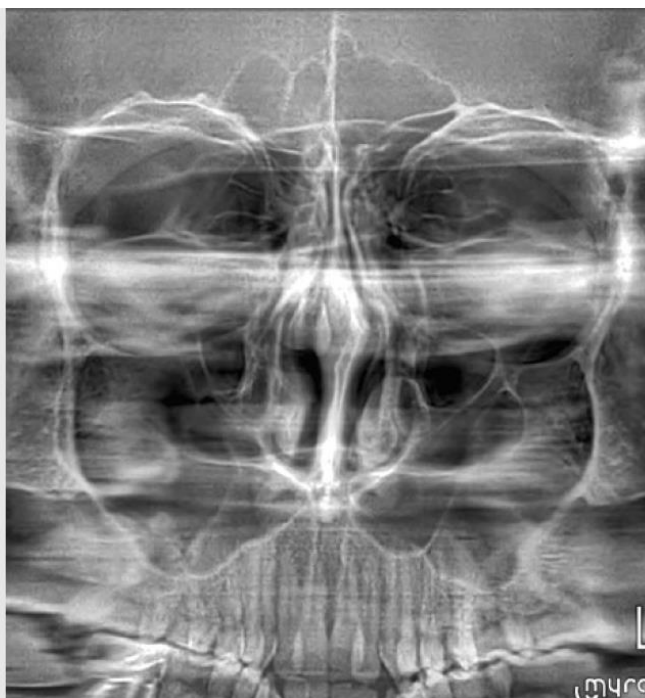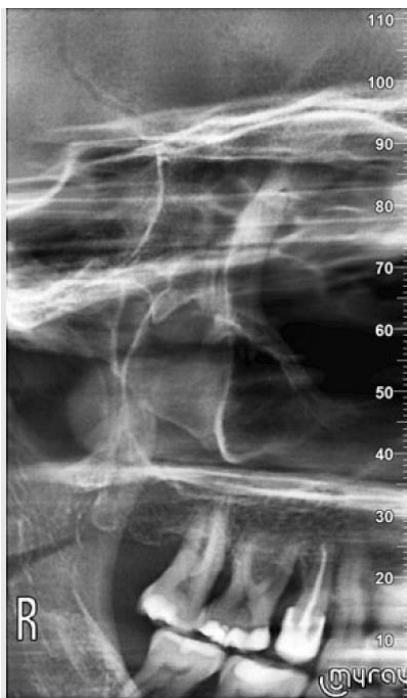
CEPH examinations

Optimisation from every angle, minimum bulk, maximum comfort for every diagnostic need.

8 diagnostic programs

- LL, AP-PA and full head SMV

- fast CEPH LL (low dose)

- Carpal teleradiography

Preview di prodotto con immagini e dati prelimiari
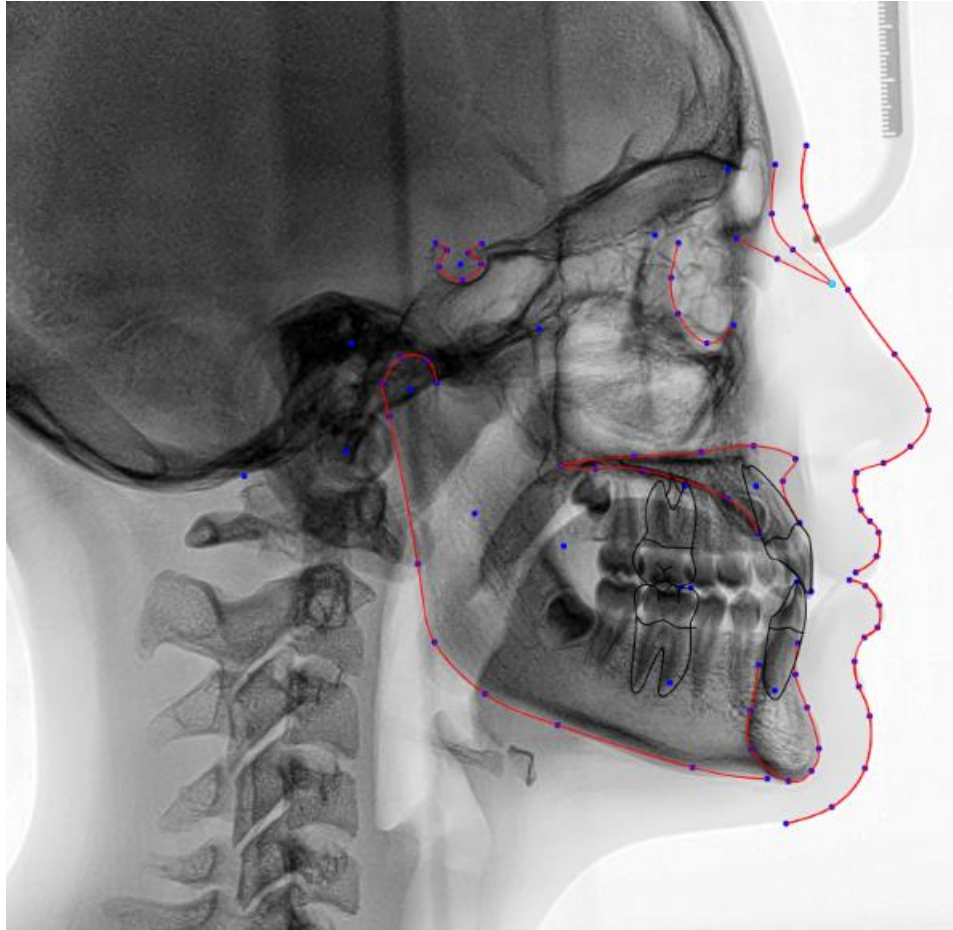
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in digital imaging

NEW

FULL CEPH

Full CEPH

Optimisation from every angle, minimum bulk, maximum comfort for every diagnostic need

- Highest quality and low dose

- Fast, high definition scan

- Advanced image filters

21 cm

29 cm

Preview di prodotto con immagini e dati prelimiari

myray
new comfort
in digital imaging

CEPH-X (Artificial Intelligence)
Automatic cephalometric trace tool with AI

- Over 100 generic analyses + personalised analysis

- The trusted tool of millions of dentists

- On-line software (no need for installation or maintenance)

- Support from a team of specialists

- Cloud storage: easy medical-legal compliant sharing

- Accessible from mobile or desktop devices

- Maximum office productivity and efficiency

- Reliable cephalometric images

CEPH X
Online Cephalometric Analysis & Tracing

https://myray.cephx.com/

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TELERADIOGRAPHIC EXAMINATIONS

LL TELERADIOGRAPHY

AP or PA TELERADIOGRAPHY

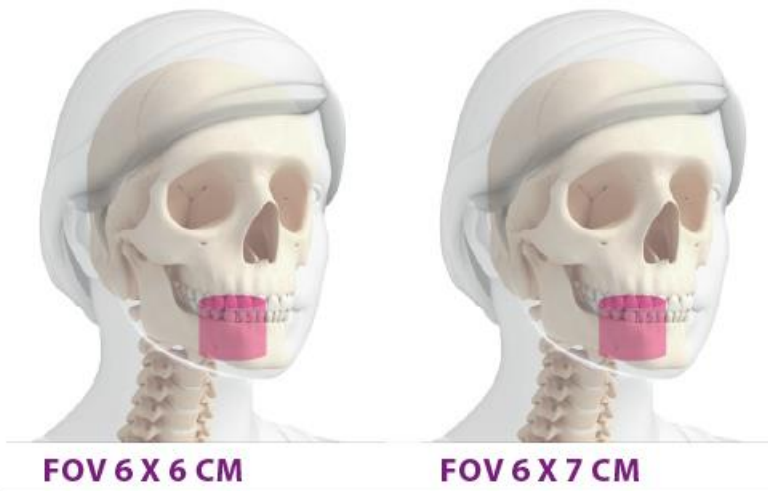SBV TELERADIOGRAPHY

CARPAL TELERADIOGRAPHY

DENT   SIN

MODEL

Exam 3D

Capture every detail and expand your view into the third dimension. With 3D you can assess all points of diagnostic interest in their anatomic setting far more effectively than with traditional panoramic images.
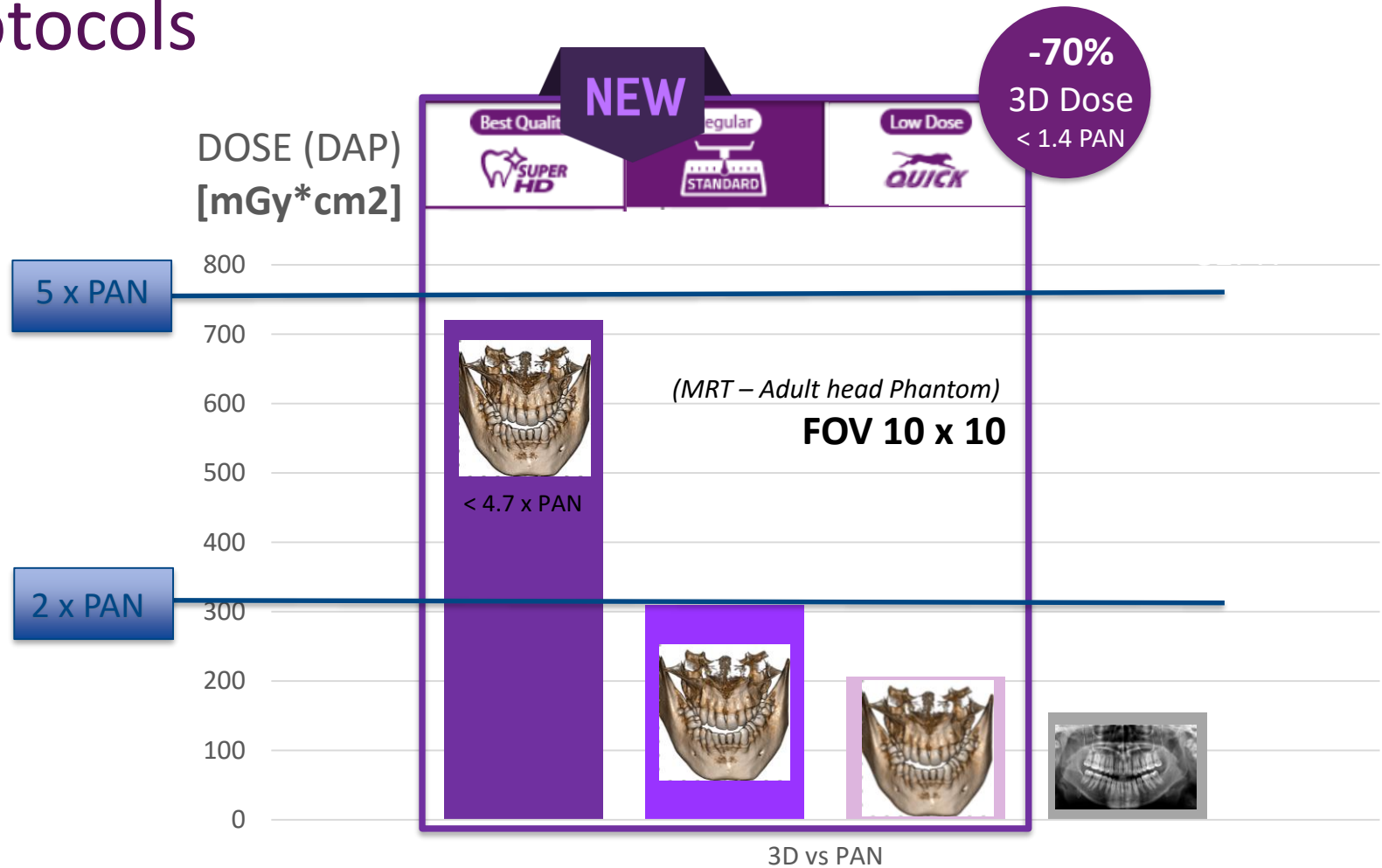
Up to 70 3D diagnostic programmes

- 3D MultiFOV (intelligent collimation)
  - Complete/partial
- 3D Full DENT - 10 x 10 cm (native) FOV
  - Complete adult dentition with single scan

- 3D Full DENT - FOV 8 x 7 cm
  - Complete child dentition with low dose

- Simple 3D acquisition mode
  - Low dose (QUICK SCAN), regular, better quality (HD)

- Versatile 3D positioning
- 3D object scan support
  - Radiological guide, model ...

Preview di prodotto con immagini e dati prelimiari

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3D MultiFOV (adjustable collimation)

FOV 10 X 10 CM   FOV 10 X 10 CM   FOV 10 X 6 CM   FOV 10 X 7 CM

FOV 8 X 6 CM   FOV 8 X 7 CM   FOV 6 X 6 CM   FOV 6 X 7 CM
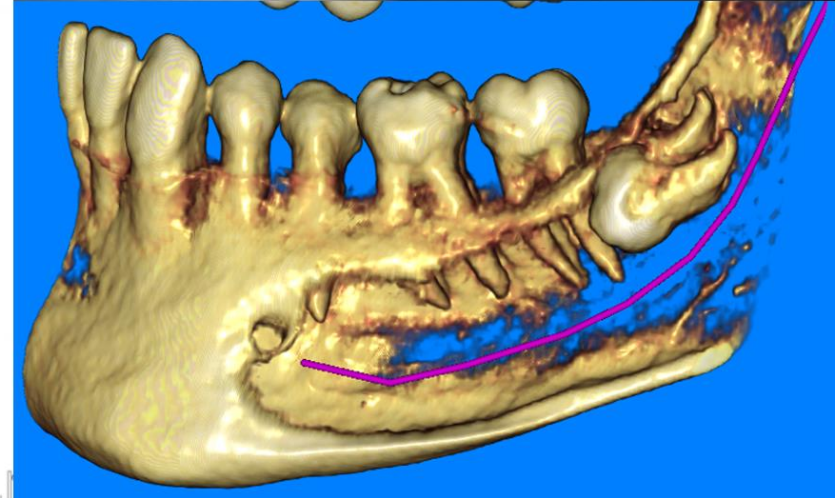
Preview di prodotto con immagini e dati prelimiari

Simple selection among three 3D examination protocols

NEW

-70% 3D Dose < 1.4 PAN

DOSE (DAP) [mGy*cm2]

Best Quality — SUPER HD · Regular — STANDARD · Low Dose — QUICK

(MRT – Adult head Phantom)
FOV 10 x 10

5 x PAN

2 x PAN

< 4.7 x PAN

800
700
600
500
400
300
200
100
0

3D vs PAN

■ 3D SuperHD (Best Quality)   ■ 3D Standard (Regualr)   ■ 3D Quick Scan (Low Dose)   ■ 2D PAN Ortho

Preview di prodotto con immagini e dati prelimiari

3D Full DENT - 10 x 10 cm (native) FOV

Preview di prodotto con immagini e dati prelimiari

3D Full DENT - FOV 8 x 7 cm

Preview di prodotto con immagini e dati prelimiari
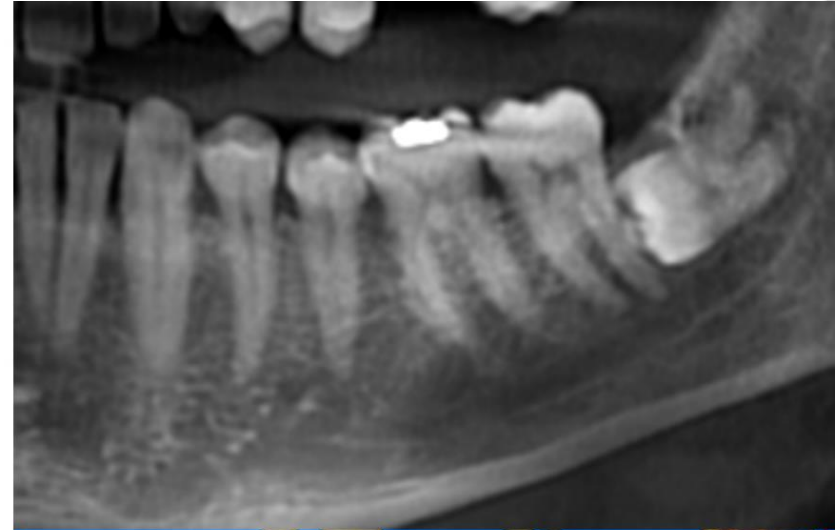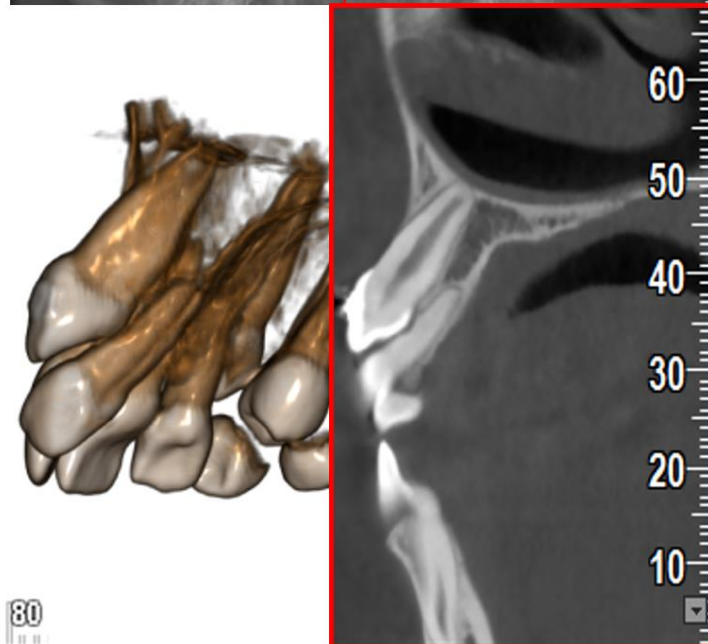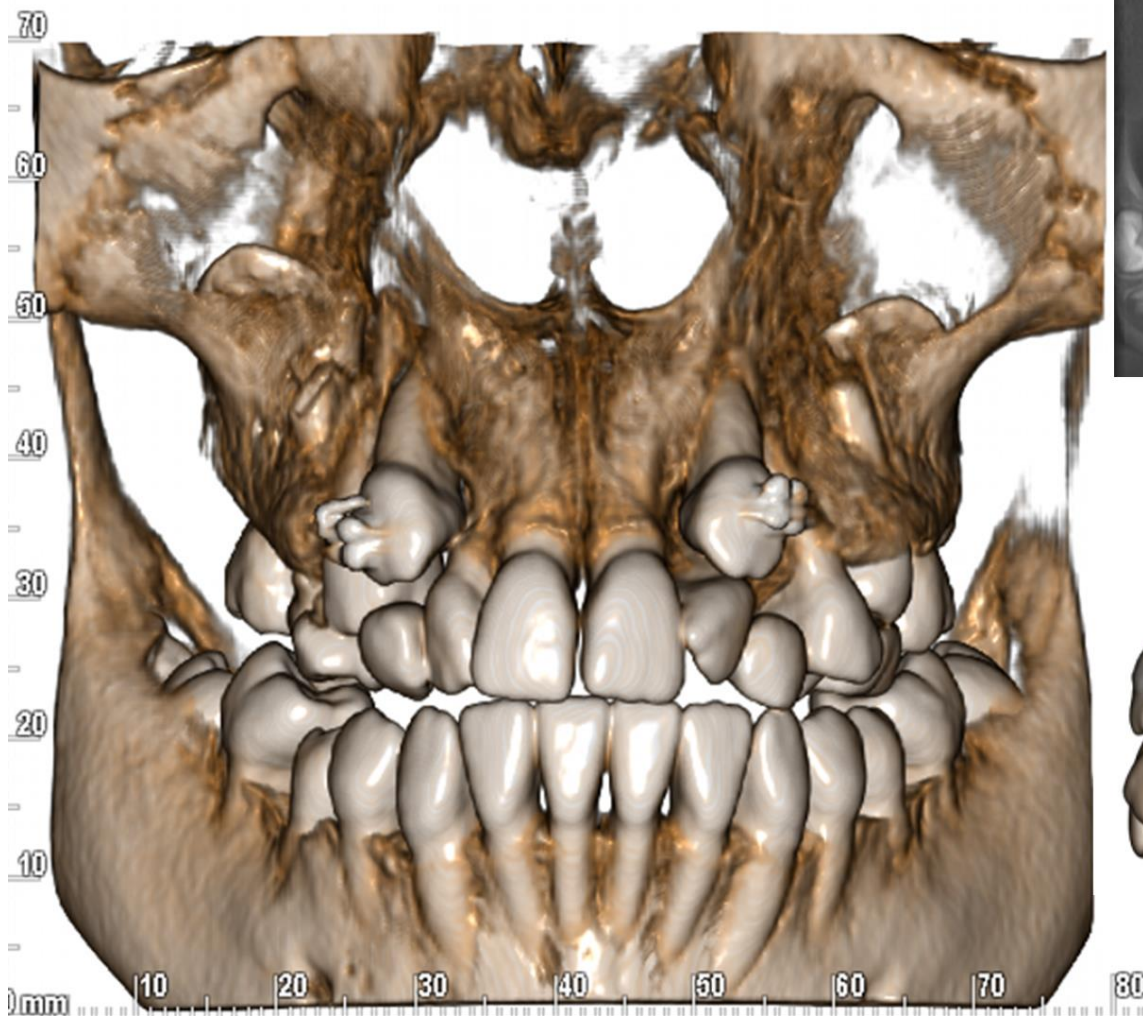
Simple 3D acquisition mode
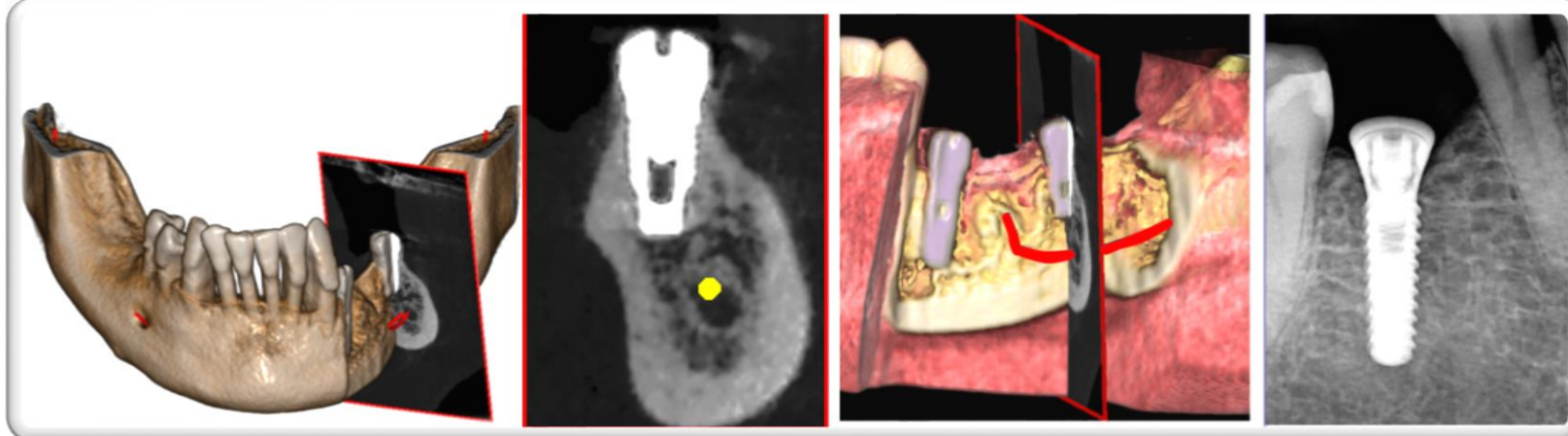## (HD, STANDARD, QuickSCAN)

LOCAL ANALYSIS
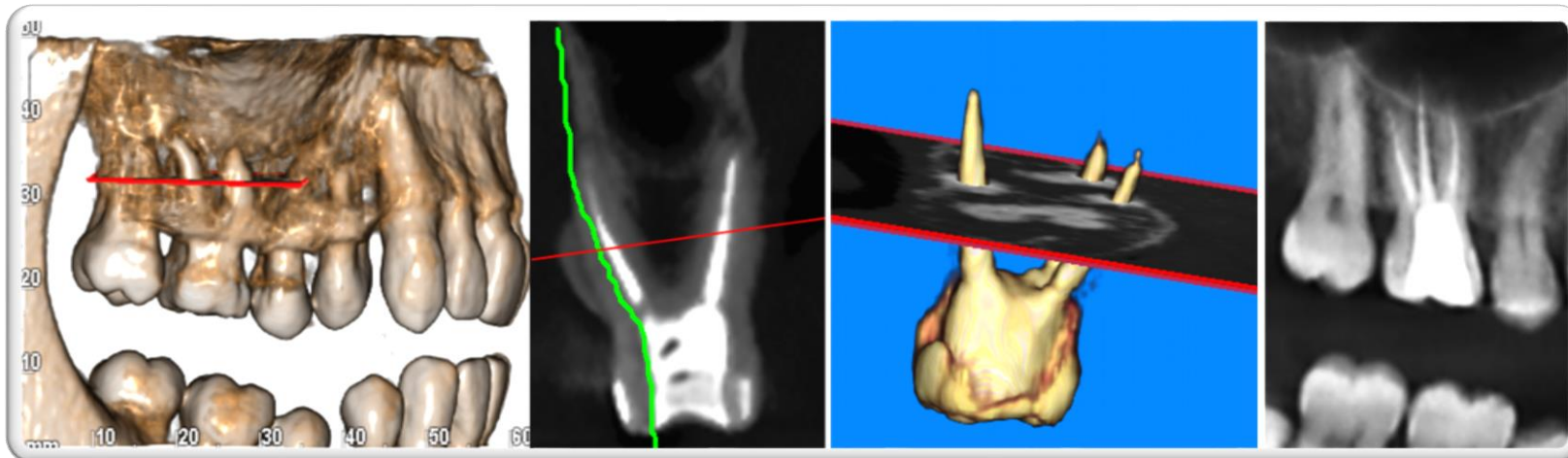
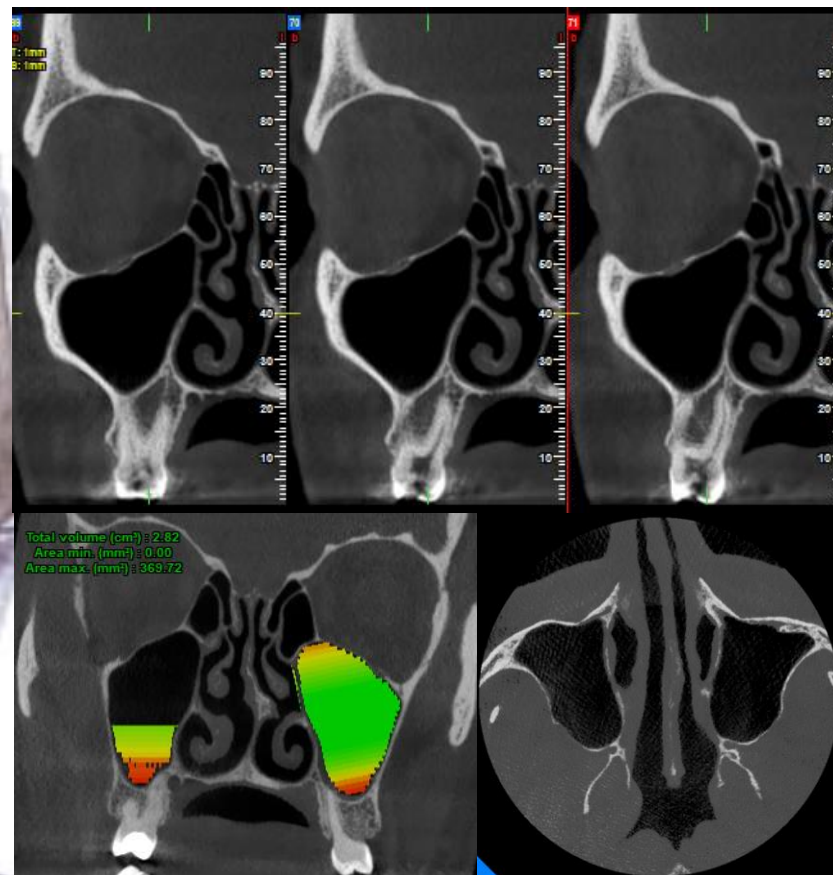

HD (BEST QUALITY) Endodontic analysis in HIGH DEFINITION: 80 µm (16.8 s)

QuickSCAN (LOW DOSE) Post-op check in 6.6 s (160 µm)

Preview di prodotto con immagini e dati prelimiari

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Versatile positioning
(high and low | left and right)

Preview di prodotto con immagini e dati prelimiari

3D - PAN - CEPH
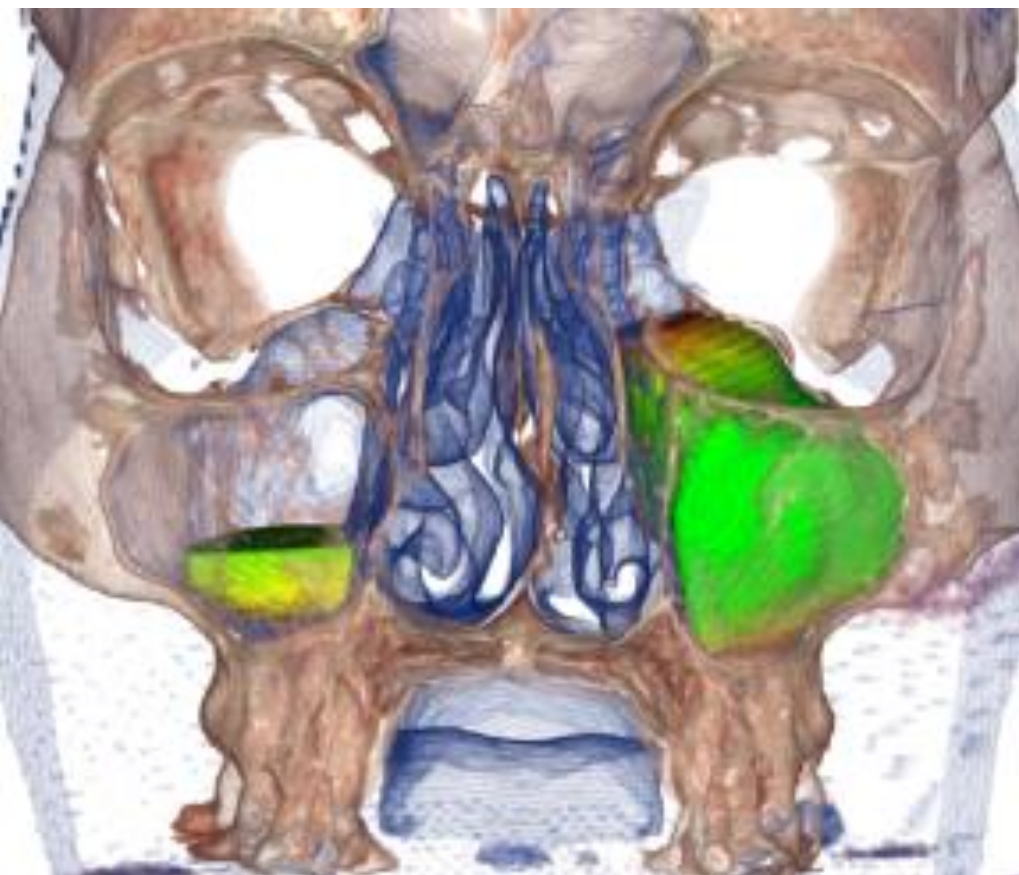
Easy, precise patient alignment (3D)

- **3 laser GUIDES**
  Simple patient alignment.

- **Open view and wide mirror**
  Easy patient positioning. Improved patient experience.
  Easy access with 20° arch rotation

- **Servo-assisted technology**

- **Simple on-board controls**

- **Virtual control panel (with wizard)**

Preview di prodotto con immagini e dati prelimiari

ALWAYS BY YOUR SIDE   EASY WORKFLOW   PATIENT ALIGNMENT   OPTIMAL PATIENT STABILITY   GUARANTEED IMAGE QUALITY   MAXIMUM CONNECTIVITY

Hyperion X5
3D/2D suspended imaging system
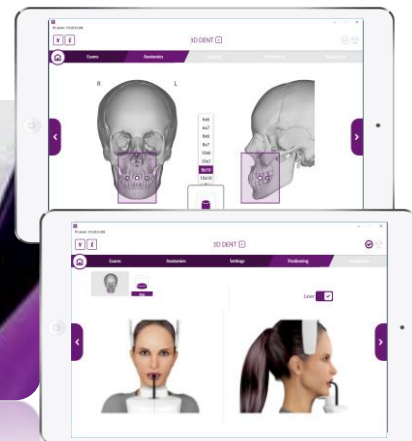
Easy, precise patient alignment (CEPH)

- **Easy access**

  The absence of the secondary collimator on the teleradiographic arm makes patient access easier and makes the examination easier and more comfortable.

- **Comfortable support for patients**

  Comfortable silicone ear pads (autoclavable) make the patient experience a more comfortable one and boost hygiene.

- **Easy workflow**

  Virtual control panel with wizard and simple on-machine controls

- **Carpal support**

Preview di prodotto con immagini e dati prelimiari

TOP CEPH

- Makes child positioning easier
- Reduces exposure
- Allows upper part of the skull to be displayed

Preview di prodotto con immagini e dati prelimiari

SIMPLE, VERSATILE POSITIONING
- Antero-Posterior or Postero-Anterior projections
- Submentovertex projections
- Waters AP/PA and reverse Towne projections

Preview di prodotto con immagini e dati prelimiari

ALWAYS BY YOUR SIDE   EASY WORKFLOW   PATIENT ALIGNMENT   OPTIMAL PATIENT STABILITY   GUARANTEED IMAGE QUALITY   MAXIMUM CONNECTIVITY

Hyperion X5
3D/2D suspended imaging system
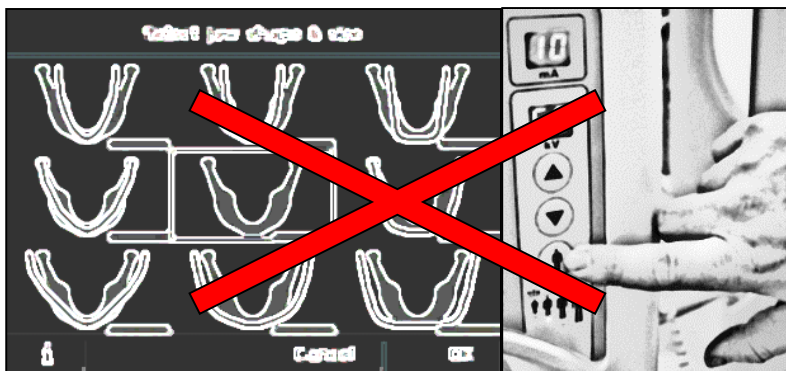
Optimal patient stability

- Head support with up to 5 stable contact points, self-locking with comfortable pads

- Comfortable rigid (metal) handles enhance the patient's confidence

Preview di prodotto con immagini e dati prelimiari

ALWAYS BY YOUR SIDE   EASY WORKFLOW   PATIENT ALIGNMENT   OPTIMAL PATIENT STABILITY   GUARANTEED IMAGE QUALITY   MAXIMUM CONNECTIVITY

Hyperion X5
3D/2D suspended imaging system

Guaranteed image quality

(Patented)

- **MRT** (Morphology Recognition Technology)
  Automatically secure the recognition of the patient's morphology for a correct X-Ray exposure and an optimal image results.

- 2D **Focus-Free** with **PiE** (Panoramic Image Enhancer)
  Perfect PAN in one-click: Best image focalization plus automatic filters.

Preview di prodotto con immagini e dati prelimiari

ALWAYS BY YOUR SIDE EASY WORKFLOW   PATIENT ALIGNMENT   OPTIMAL PATIENT STABILITY   GUARANTEED IMAGE QUALITY   MAXIMUM CONNECTIVITY
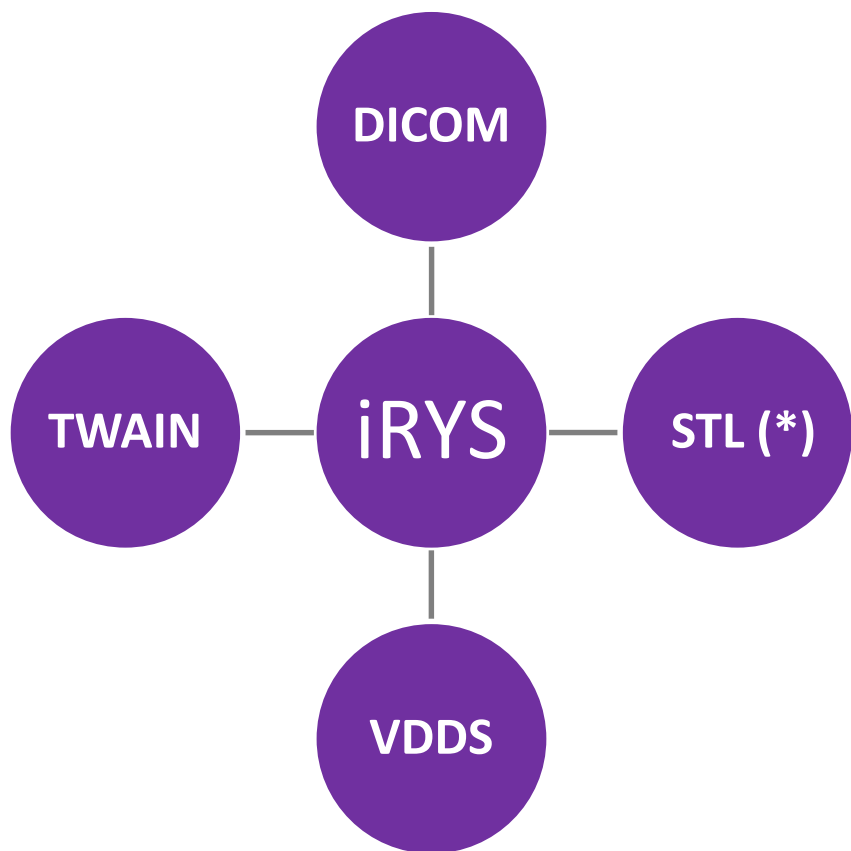
Hyperion X5
3D/2D suspended imaging system

Maximum connectivity

- Examination settings and diagnostics in the palm of your hand

- View everywhere

- Compatibility with other software systems

Preview di prodotto con immagini e dati prelimiari

View everywhere

- Ethernet connection

- CD/DVD with 2D/3D viewer

- DICOM 3.0 connectivity

- 1:1 print with report

Preview di prodotto con immagini e dati prelimiari

ALWAYS BY YOUR SIDE   EASY WORKFLOW   PATIENT ALIGNMENT   OPTIMAL PATIENT STABILITY   GUARANTEED IMAGE QUALITY   MAXIMUM CONNECTIVITY

Hyperion X5
3D/2D suspended imaging system

Compatibility with other software systems

- DICOM 3.0 support

- Other software interfaces (VDDS; TWAIN)

- Implant surgery planning with surgical guide (NIP and RealGUIDE)

- STL interface for CAD (NIP and RealGUIDE)

Preview di prodotto con immagini e dati prelimiari

ALWAYS BY YOUR SIDE

EASY WORK

Improves clinical service quality, offering an immediate response to the problem via uninterrupted monitoring of the patient's condition during treatment. Smoother work flow, more relaxed patients.

FULL CONNECTIVITY

Connection to DICOM networks is ensured thanks to protocols available with iRYS that allow printing, storage, image retrieval and interfacing with booking lists.
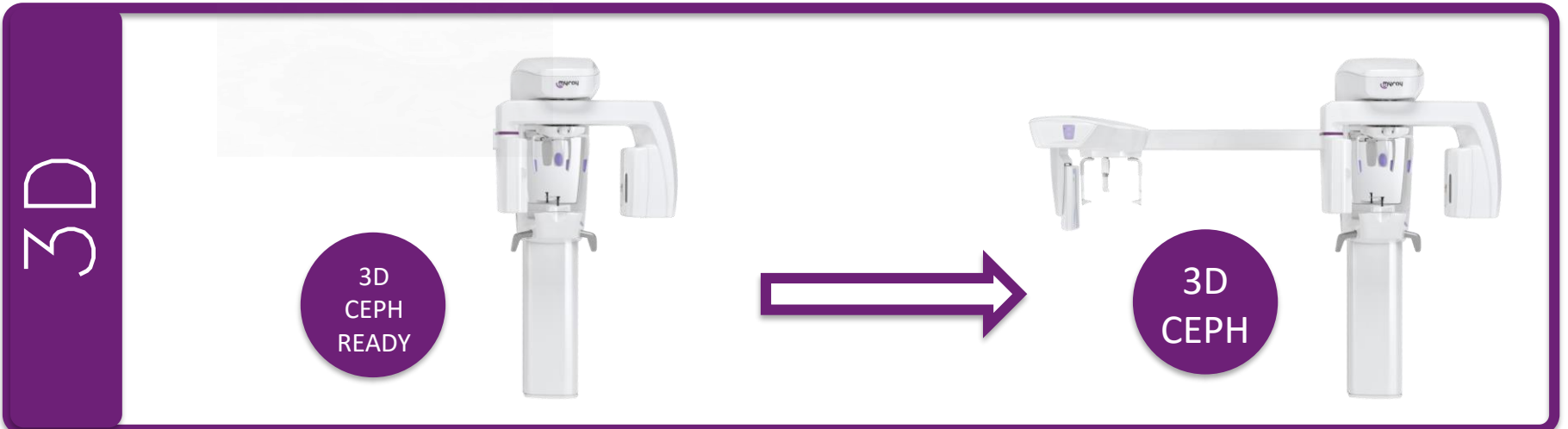
PLUG&PLAY

Applications available for iPad to provide Wi-Fi remote control and fast diagnostics. Settings, start and image capture - all at your fingertips.

REMOTE ASSISTANCE

Software upgrades, problem solving and device diagnosis. Remote maintenance allows fast troubleshooting without interrupting work flows.

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Complete Range

2D

2D

2D
CEPH
READY

2D
CEPH

3D

3D
CEPH
READY

3D
CEPH

Preview di prodotto con immagini e dati prelimiari

Full Range – AIR & STANDARD

www.my-ray.com