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MORITA

i-Dixel

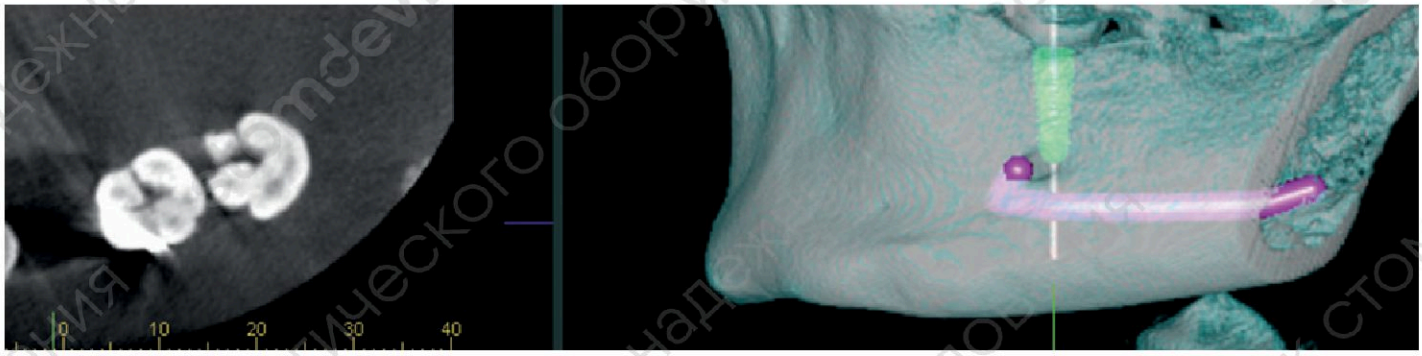
2D & 3D Imaging Software



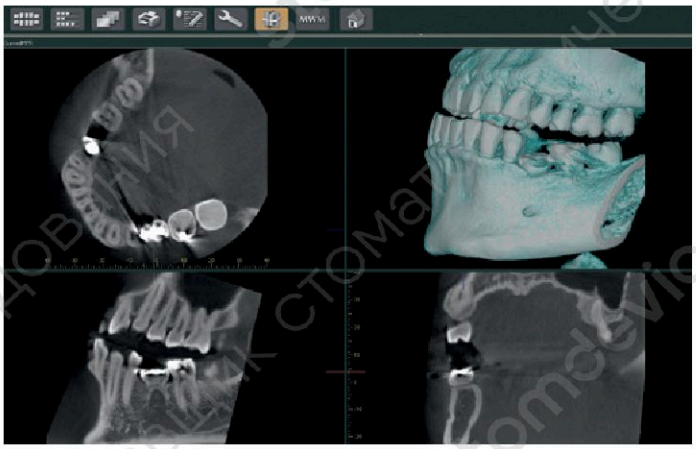
Thinking ahead. Focused on life.

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i-Dixel for 3D Images



i-Dixel imaging software offers a range of features from the initial exposure to the final diagnosis allowing for a thorough examination. Software features include a drawing function in the mandibular canal, presentation for implant therapy, and volume rendering which converts three-dimensional X-rays to solid images which can be rotated, magnified, and sliced in real time. i-Dixel also offers the ability to view both CT slice images and volume rendered images at the same time on the computer screen.



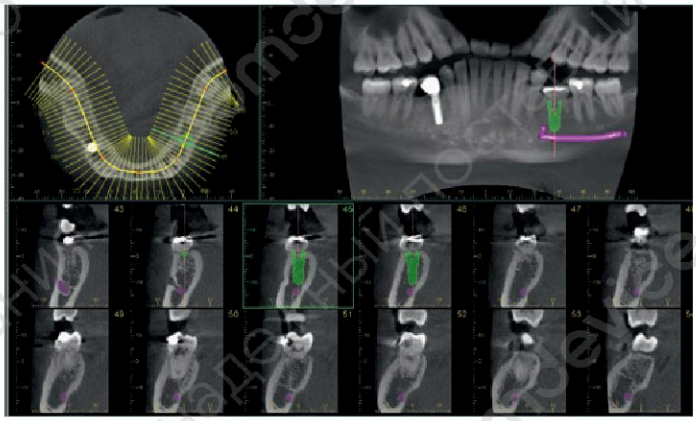
- Volume Rendering
- Mandibular Canal Depiction
- Implant Presentation Preparation
- cMPR Image Processing
- One Data & One Volume Viewers
- DICOM 3.0 Compatible
- Other Features:
  - Zoom Box
  - Volume Slicing
  - Dynamic Cut
  - Length Measurement
  - Angle Measurement
  - Volume Gouging
  - Movie

Volume Rendering

Volume rendering displays a solid 3D image showing the bone structure and dental arch. The volume rendered image is linked to the slices and moves in real time whenever a slice is adjusted.

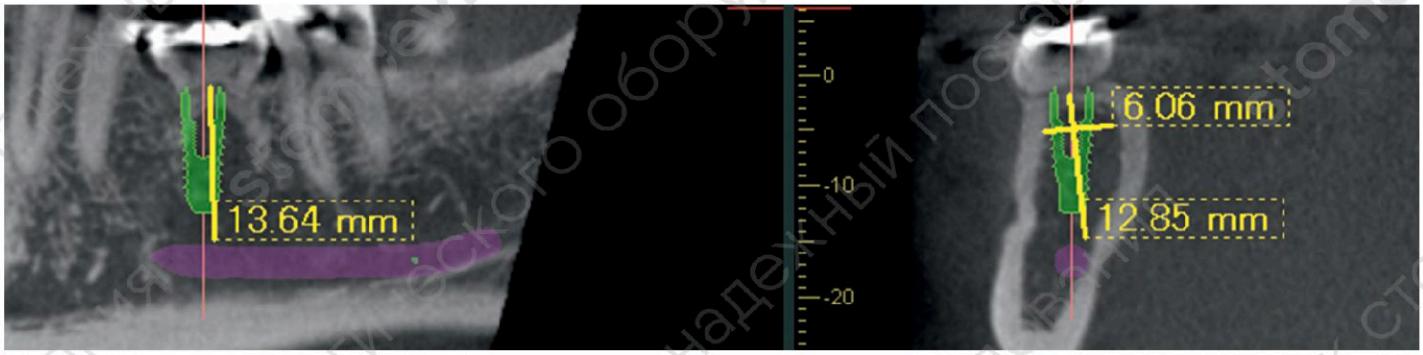
Curved MPR Processing

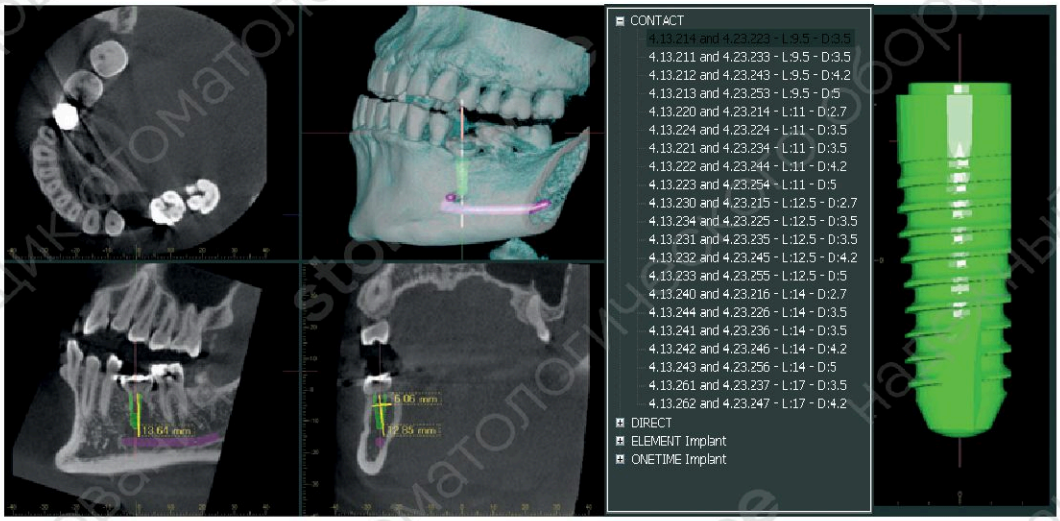
Create dynamic cross-sectional images perpendicular to the dental arch. A reconstructed panoramic image is created at the same time. Various settings can be applied to further enhance each image individually.



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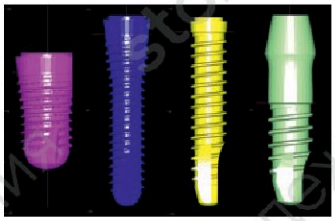
Wide Range of Features from Volume Slicing to Implant Presentations





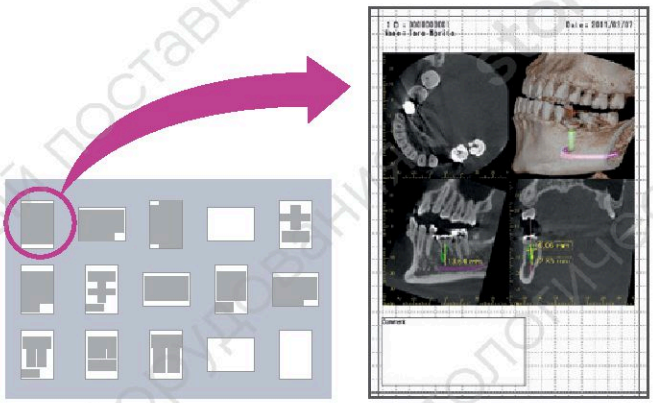
Implant Presentation Preparation

This feature allows you to specify the length and diameter of implant fixtures and paste them into the image. This presentation is easily understood by patients and helps with case acceptance.



Mandibular Canal Tracing

i-Dixel offers a drawing function for the mandibular canal to highlight its location relative to the implant region, as well as its buccal, and lingual location.



Print Center

Easy to use, templates are designed for quick set-up and printing.

One Volume Viewer

i-Dixel offers a unique export feature that allows the 3D images and patient data to be shared. The export process generates a folder containing the image data along with an executable application file called One Volume Viewer. This executable file is compatible with any computer running Microsoft® Windows and does not require the installation of any additional software. Once exported, the image data can be shared across a local or wide area network. One Volume Viewer includes a subset of i-Dixel functions such as the measurement of distances and angles, zoom in and out, invert the grayscale, and adjust brightness, contrast, and gamma. The full featured i-Dixel software can also be installed on multiple computers within the clinic network.

i-Dixel supports the following DICOM Service Classes:

1. Modality worklist management service class
2. Storage service class
3. Modality performed procedure step service class
4. Print management service class

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