iQ IMAGE

a PARATUS Medical Imaging Company

iQ-4VIEW

Version 2.4

Web-based DICOM Viewer
for Flexible Reporting

Ready for high-speed reading of diagnostic medical images? Then buckle up for the new and improved iQ-4VIEW **1** and enjoy flexible image diagnosis and reporting from any location and device.

ZERO-FOOTPRINT

You can run iQ-4VIEW on virtually any browser and operating system using both portable devices and desktop computers **2**. No installation needed at all.

HIGH-SPEED VIEWING

iQ-4VIEW allows for immediate viewing of almost any kind of medical or radiology images, structured reports or PDF in diagnostic quality – all within a couple of seconds.

MEASUREMENT TOOLS

iQ-4VIEW offers easy-to-use measurement tools for organ-specific assessment including for the heart, thyroid, spine, pelvis, knee, bladder, kidney etc.
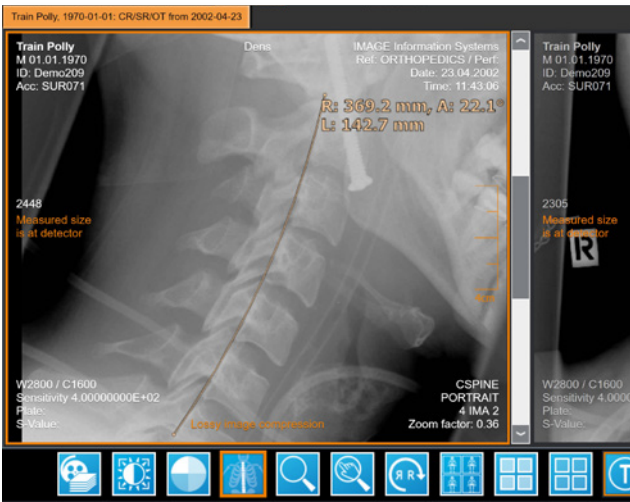
TRY IT FIRST
iqdicom.com

1 **iQ-4VIEW is a component of iQ-SYSTEM PACS** – a picture archiving and communication system (PACS) for the management, retention, routing, analysis and review of medical images stored in proper DICOM format and a system of interrelated software components.

The other components are iQ-WEB, iQ-VIEW and iQ-ROUTER. Every component in this system is responsible for performing its specific tasks. The components can be used all together and in various combinations. The full scope of functionality of iQ-SYSTEM PACS is reached when integrating all components into the imaging network.
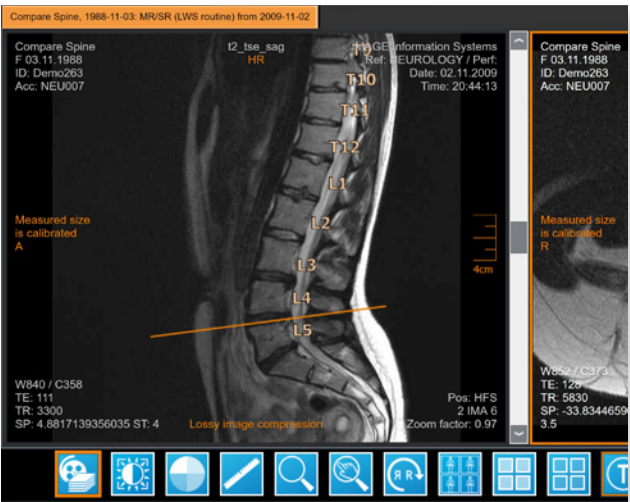
2 Fastest results are achieved using Google Chrome and diagnostic image visualization
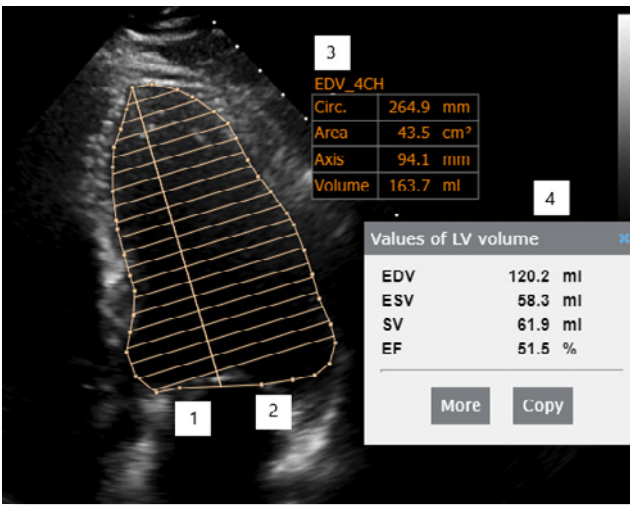

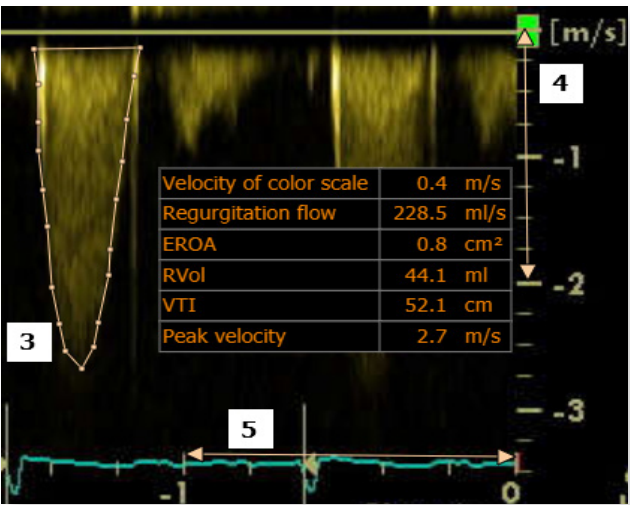## Specific Measurements
in iQ-4VIEW

Comprehensive chiropractic, orthopedic and trauma measurement tools including cervical and lumbar curves, Cobb angle, George´s line, Gonstead analysis and more.

Semiautomatic spine labeling and cutting line speeds up your reading.

The left ventricular volume measurement allows you to measure or remeasure the left ventricular ejection fraction (left ventricular systolic function) based on the Simpson biplane method.

The mitral regurgitation measurement is helpful for the early detection and assessment of mitral regurgitation.

Workflow and Technical Features*
of iQ-4VIEW

WEB VIEWER

2.e 2.c 2.x 2.i 2.h 2.j 2.s

- View any kind of images, Structured Reports, and Encapsulated PDFs
- Typical time to first image: Just a second at 100 Mbit or less than 5 seconds at 64 Kbit
- Fast display of virtually any DICOM object incl. tomosynthesis studies and DICOM PDF
- Thumbnail previews for easy selection of series via drag & drop
- Compare multiple studies
- Easy synchronization of series, e.g. for comparing CT scans
- Displays scoutlines of cross-sectional images
- Center/window, color remappings
- Fast zoom/pan, flipping and rotation
- Stack mode/cine mode (up to 50 fps)
- Cine mode with more selectable frame rates (0.5, 1, 2, 6, 12, 15, 24, 32, 50 fps) **NEW**
- Measurements
  1. General measurements (distance, ROI, angle, ratio)
  2. Orthopedic measurements (Gonstead analysis, Cobb angle, hip dysplasia angle, George's Line, cervical curve, lumbar curve, spine labeling)
  3. Veterinary measurements (VHS - vertebral heart score, TPLO, TTA, Norberg angle)
  4. Clinical measurements (bladder, kidney, ovarian, residual, testicular, thyroid and uterus volume, mitral regurgitation, Simpson biplane volume e.g. for the left ventricle)
  5. Web-based cardiac ultrasound analysis
- Annotations (oval/circular, polygonal, line and arrow)
- Creation of DICOM Secondary Capture images (from active views, JPEG files, e.g. from tablet/smartphone)
- Web-based conversion of JPEG images to DICOM
- Two image processing modes (client/server) for fast and slow network
- Browser caching to lower the network transfer and to increase the system responsiveness

2.dd
- Diagnostic PNG lossless, diagnostic JPEG lossy and non-diagnostic JPEG lossy compression options for various clinical needs
- Color remapping for nuclear medicine
- Display of dose reports
- Enhanced usability for viewing on mobile devices (swipe to scroll the bottom tool bar) **NEW**

> *   Detailed information on iQ-4VIEW's system requirements is available in the iQ-SYSTEM PACS Hardware Purchasing Guide or the iQ-4VIEW Administration Guide, various AI options available by request

LICENSING

- Available for 2, 3, 5, 10, 15, 20, 30, 40, 50 of concurrent users
- Report editor is included
- iQ-WEB2GO additionally suggested if accessing iQ-4VIEW from small-sized portable devices

CERTIFICATION

- iQ-SYSTEM PACS (incl. iQ-4VIEW) is registered according to:
  1. MDR (EU) 2017/745, class IIb (v1; iQ-4VIEW UDI-DI (EEA): +B403IQ4VIEW240-)
  2. FDA 510(k), class II (version 1.9; UDI-DI: +B403IQS190C)

iQ-4VIEW REPORT EDITOR

2.bb

- Fully redesigned web-based report editor for faster reporting
- Creation of DICOM Structured Reports incl. support for Latin and UTF-8
- Report statuses: Incomplete/unverified (draft report), complete/unverified (junior radiologist report), and complete/verified (approved by a radiologist)
- Support for one or two reading physicians per report
- Support for multiple reports per study
- Instant search for user-specific report template database

Built-in Editor
for easy Web-based Reporting

With iQ-4VIEW's integrated report editor physicians can create and approve DICOM structured reports online from anywhere in the world. The new design of the structured reporting window makes it easier and more comfortable to create and edit structured reports.

1. Report list
2. Template list
3. Report status
4. Other doctor involved in the process
5. Configurable verifying institution for tele-radiology purposes
6. Radiologist approving the report
7. Instant search for report templates

Our Company
at a Glance

IMAGE Information Systems is an international company group with offices in Germany, USA and India, which offers complete, user friendly and cost-effective medical imaging solutions.

Ten thousands of users all over the world benefit from our state-of-the-art products for PACS, RIS, cloud solutions, 3D processing, and teleradiology. We have pioneered several innovations in the market:

- Our iQ-ROUTER supports very high image data compression for virtually all DICOM formats to enable high-speed teleradiology via any low band-width network connection.
- DICOMReader has the highest availa-ble read-in rate of patient CD-ROMs, ensuring compatibility with almost all available imaging modalities and vendors.

iQ IMAGE provides the second largest digital imaging user forum on earth, enabling users to share knowledge and best practice. To learn more about us and our products, please visit our www.iq-image.com website.

Since 2023, iQ IMAGE has been part of the PARATUS Group – a leading decen-tralized group of companies in the field of healthcare software and IT services. For more information about the group, please visit the www.paratus-group.com website.

Our Solutions for your Imaging Needs

Hospitals

Education & Research

Doctor's Office & Urgent Care

Teleradiology

Imaging Center

Veterinarians

Multisite & VNA

Radiotherapy

Stamp of Sales Partner

MD   CE 0482

**Component of
iQ-SYSTEM PACS**