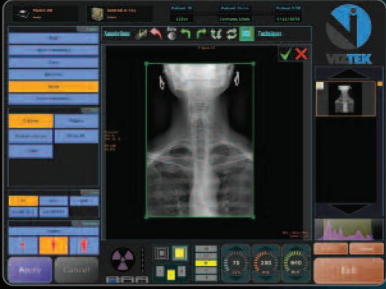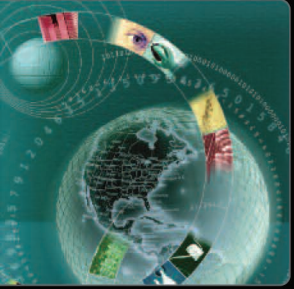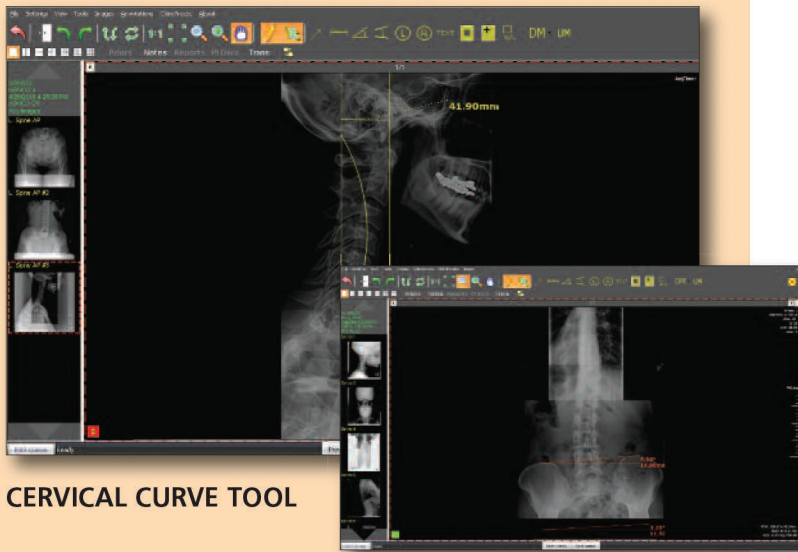# OPAL-CHIRO

Your Practice. Your Preference.
Your Productivity Solution.

VIZTEK

OPAL-CHIRO

Tailored software and hardware for the chiropractic market

CERVICAL CURVE TOOL

STITCHING TOOL

Viztek's Complete Opal-CHIRO Solution

Viztek delivers an advanced chiropractic solution to seamlessly integrate clinic workflow while encompassing a powerful suite of digital tools. Viztek's chiropractic solution offers an enterprise level PACS product and several high power acquisition options with integrated patient database, imaging, and communication systems.

Bundle Opal viewing software for the input, display, and storage of images from the modality of your choice. The result is a system that meets your needs and exceeds your expectations, without exhausting your budget.

Customized Chiropractic PACS Tool-Set

Viztek's specialized chiropractic toolset offers advanced measurement and alignment tools in addition to the Viztek's standard set of advanced PACS tools and functionalities.
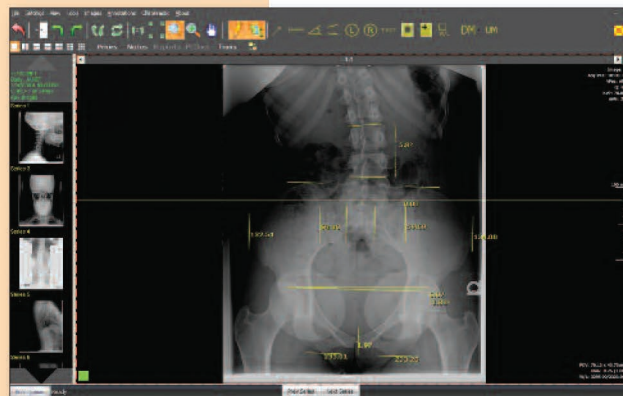
Chiropractic PACS Tool-Set

- Atlas Orthogonal Analysis
- Gonstead measurements
- Upper Cervical Analysis
- George's Lines
- Ilium Analysis
- Line Drawing
- Measuring
- Angles (Regular, Cobb)
- Cervical Curve
- Lumbar Curve
- Orthospinology
- Full Spine Stitching
- Spine Labeling

Opal-PACS Features and Functionalities

Viztek's Opal-CHIRO offers a completely Web-based PACS solution designed to streamline facility workflow with intuitive, easy-to-use features.
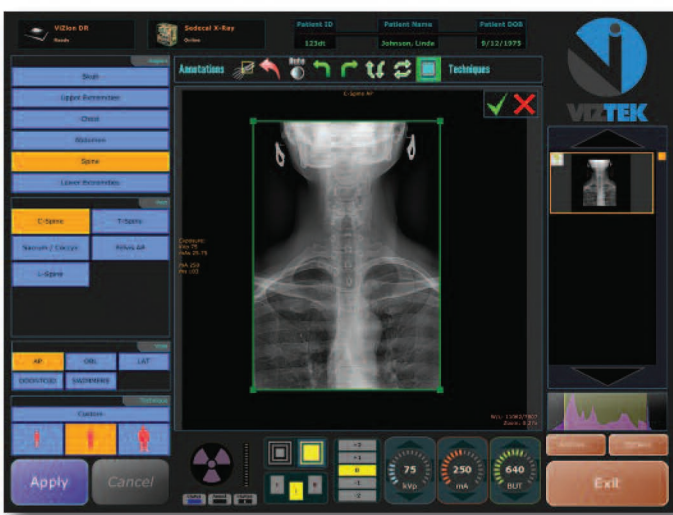
- Exam room viewing software allows for freedom to view digital images in multiple exam rooms
- Multi-modality, multi-vendor compatibility
- CD burning and paper print functions
- Auto-routing and film printing
- Importing CDs from outside facilities
- Scan documents into exams
- Disaster Recovery—Auto-Archive Images to Viztek's off-site location

Advanced Customizable PACS Features

Display management, custom Worklists and dynamic toolbars that change with the modality are only the beginning of Viztek's customizable features. A full range of specialized modules lets users add new functionalities to enhance their specialized workflow without the cost of unwanted features.

ILLIUM ANALYSIS (GONSTEAD PACKAGE)

ACQUIRE FRONT-END

Viztek Opal-DR

The versatile Flat Panel DR system offers images within seconds of exposure and fits easily into smaller x-ray rooms. The 17x17 inch panel produces high quality images and is configurable on multiple chiropractic stands.

Technical Specifications

- Detector Housing
- 17"x17" Imaging Area
- 3.6 lp/mm
- Off-center Imaging
- 9 Million Pixels

Panel Features

- Unsurpassed Flat Panel Technology
- Superior Image Quality
- High Sensitivity
- Sleek Slim Design
- Pixel Size – 143_m
- Pixel Array – 3072 x 3072
- Pixel Area – 17in x 17in

Retrofit Packages Available

Viztek offers custom retrofit DR configurations to accommodate facilities with existing x-ray equipment. The packages include panel to acquisition viewing, exposure interface, cabinet, grid holder, mounting bracket, weights, and complete integration with existing x-ray unit.

Complete generator integration available.

Viztek Opal CR

Viztek offers multiple CR solutions. Viztek CR is a fast and easy way to convert your facility to digital. The easy-to-use CRs can produce between 20 and 80 plates per hour while offering crisp image quality. The compact CRs offer significant speed and image quality over analog film processing. Retire your chemical processor and provide your facility with Viztek's premiere CR coupled with Opal-CHIRO PACS software for superior image management.

- Multiple Cassette Sizes Available
- Opal Front-End Acquisition and Viewing Software.

20/20 C-DR

20/20 C-DR's 14x17 sensor directly captures the image data and displays it on an acquire computer workstation within 10-12 seconds from exposure. It is adaptable to most existing x-ray systems with universal grid cabinets.

Features and Benefits

- Economical CCD Technology
- Flat Panel Detector Requires Less Space
- Eliminates Darkroom Film Processing and Associated Costs (Film, Chemistry, Film Processor Cleaning/Maintenance, Film storage)
- Customized Universal Grid Cabinet with Overlay

Sensor Specifications

- Maximum Throughput > 100 Images Processed Per Hour
- Sensor Type CCD
- Customized Grid Cabinet Used with Existing or New X-ray Equipment
- Active Image Matrix 14" x 17"
- Sensor Weight 18.75 lbs.
- Power Supply 100AC
- Environmental Conditions Temp: 59-95 F/15-35 C, Humidity: 35-75% RH

OPAL-DR

20/20 C-DR

OPAL-CHIRO features and functionalities

Chiropractic PACS Tool-Set

- Atlas Orthogonal Analysis
- Gonstead measurements
- Upper Cervical Analysis
- George's Lines
- Ilium Analysis
- Line Drawing
- Measuring
- Angles (Regular, Cobb)
- Cervical Curve
- Lumbar Curve
- Orthospinology
- Full Spine Stitching
- Spine Labeling