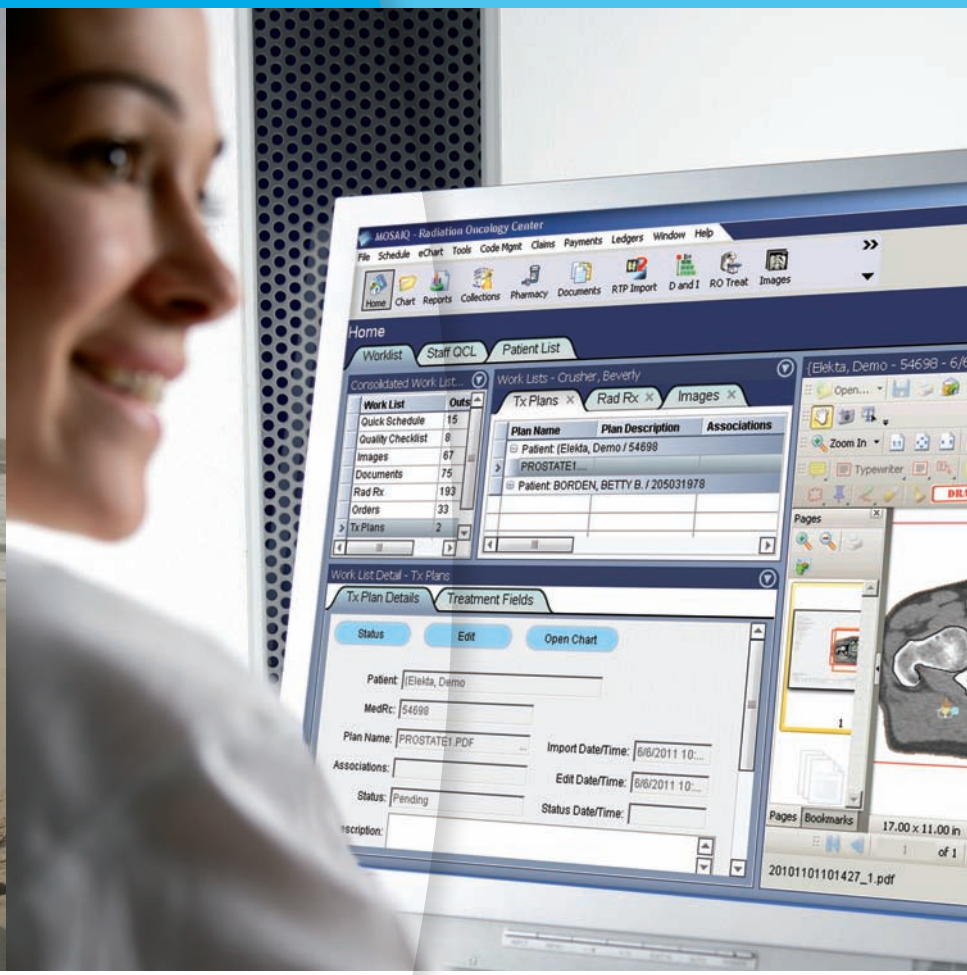
MOSAIQ®

Radiation Oncology Information System



Confidence for you
and your patients

ELEKTA

MOSAIQ®
Radiation Oncology Information System

Capture the Entire Oncology Chart in a Single Integrated Solution

MOSAIQ® is a complete patient management information system that centralizes radiation oncology, particle therapy and medical oncology patient data into a single user interface, accessible by multi-disciplinary teams across multiple locations.

MOSAIQ delivers seamless connectivity to virtually any linear accelerator and treatment planning system from any vendor, providing unmatched integration and the freedom and flexibility to choose the optimal treatment solutions for you and your patients.

A global leader in Oncology Information Systems, MOSAIQ provides comprehensive image, data and workflow management from the single physician practice to the most sophisticated provider networks, offering a robust and scalable solution as your needs change.

Manage Multiple Sites with a Single Database

MOSAIQ supports every member of the cancer care team, ensuring timely and accurate patient charting, and improved efficiency and productivity, by linking multiple physical locations to a single electronic patient record system. Information is accessible wherever and whenever it is needed, reducing treatment delays and patient wait times.

Unrivalled Technology Integration and Interface

MOSAIQ gives you complete freedom to choose the best treatment technologies from any vendor to create a unique integrated treatment model for your center. Robust interface connectivity provides effortless patient information access across a hospital information system, treatment planning software, delivery device or laboratory system, ensuring complete traceability of information flow within the patient record.

Uncompromised Flexibility and Personalization

Experience true flexibility and efficiency in design and customization that MOSAIQ offers to create your own personal workspace. Display the exact information each user needs and the features they use the most, in a single chart screen.

Centers can further customize and configure MOSAIQ by using IQ Script Designer, which enables rescripting of MOSAIQ for flexible use and application. Users can manage the flow of patients and treatment data using their own set of user defined rules and business logic, to modify MOSAIQ to perform based on a center's exact workflow needs.

Continuous Treatment Verification for Added Safety

MOSAIQ optimizes patient safety at every stage of care. Quality checklists, time outs, automatic alerts and protocols query incomplete tasks and warn staff when events may deviate from the department's standard practice or prevent treatment from being delivered. MOSAIQ performs pre-treatment checks, including patient identification, positioning and site set up.

MOSAIQ, combined with the Elekta linear accelerator, provides the quality assurance that the delivered plan matches the prescribed plan through continuous verification and recording of treatments in a single patient record.

Why MOSAIQ®?

Evidence-based Medicine for Better Decision Making

MOSAIQ enables the creation of protocols and processes to capture, analyze and apply evidence-based medicine for more informed decision making on treatment techniques, outcomes and performance.

Stop Chasing Paper Charts

Electronic patient management allows users to achieve a paperless, filmless working environment. The payoff is potentially dramatic improvements in efficiency and cost-savings by converting manual tasks into standardized electronic workflows with safety features built in.

Go Green

- Centralization of radiation oncology, particle therapy and medical oncology patient data in a single database
- True flexibility to connect with virtually any treatment planning or treatment delivery device
- User configurable, personalized workspace with multi-level preferences for faster, easier information access and task completion
- Evidence-based medicine through the capture, analysis and application of patient outcome and treatment data
- Integration with MOSAIQ Data Director - the complete data and image archiving solution

Consistent and continual workflow management from a single database

MOSAIQ® consolidates and centralizes multiple oncology department functions into a single database to provide instant information access and improved communication between users.

MOSAIQ® Workflow and Charting

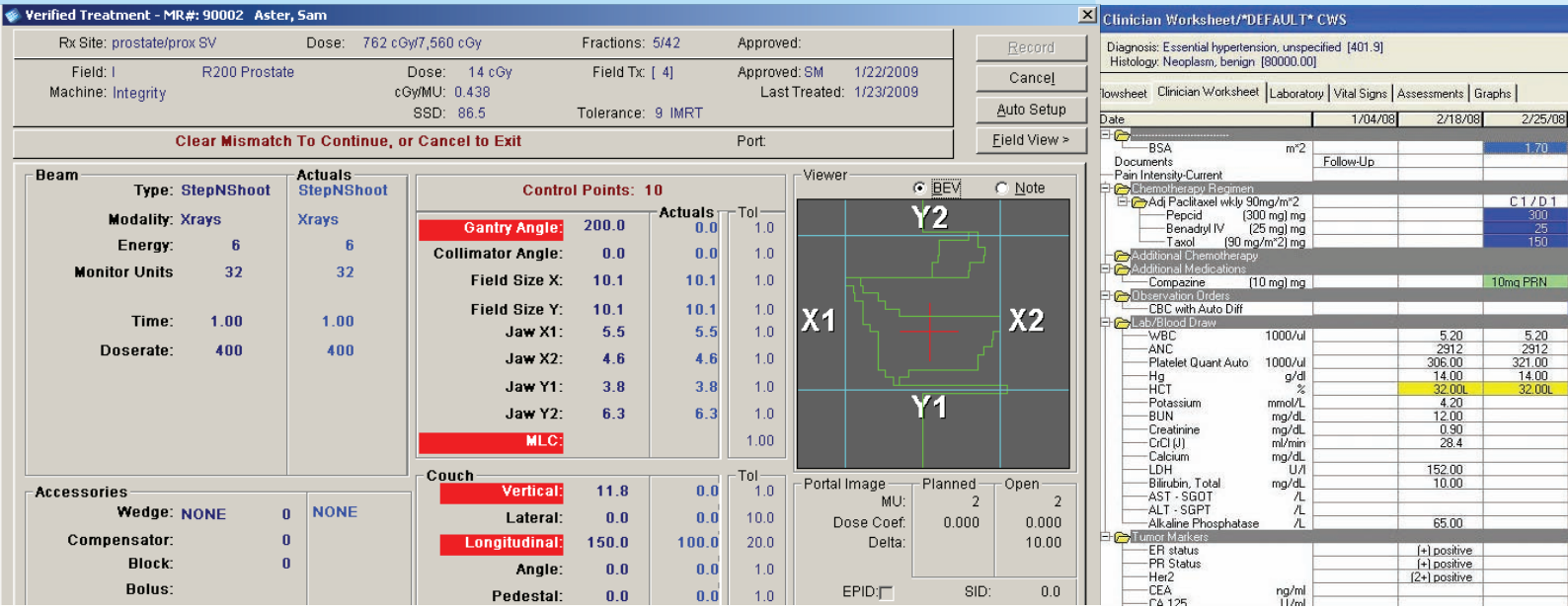
- Single interface
- Connectivity with hospital information, diagnostic, billing and other third-party systems
- Integrated Practice Management including centralized department scheduling for optimal efficiency
- User-defined workspace and configurable screen views
- Extensive documentation tools (eScribe)
- Quality checklists and patient assessments
- Manual, barcode and biometric patient identification and verification options provide multi-level safety checkpoints

Treatment Planning

- Setup details, immobilization devices and reference images entered into treatment chart
- Seamless connectivity of treatment planning data from the electronic patient record to the accelerator
- Treatment planning data is held in MOSAIQ and monitored throughout the treatment delivery, with no need to switch screens
- Long term image/data storage in MOSAIQ Data Director can be accessed throughout the treatment process
- Integrate with virtually any treatment planning or linear accelerator

Image Management

- Sophisticated image visualization and distribution
- 3D viewers: RTP, XVI, and iView GT™ integration, adding and synchronizing tools, 2D image registration, volume image viewing
- External image registration, MOSAIQ Setup Intelligence
- Stereoscopic and volume image registration
- Trend analysis and treatment setup workflow management



Patient Verification and Delivery

- Patient and treatment site verification
- Multiple patient verification tools
- Supports all pre-treatment checks including patient positioning, treatment accessory verification and daily and cumulative dose
- MOSAIQ verifies accelerator settings and records treatment delivery data and images in the patient record
- Connects to major treatment delivery vendors

Treatment Summary and Follow Up

- Oncology-specific code capture and complete billing system for fast, accurate reimbursement
- Treatment summary reporting to hospital information management systems and referring doctors
- Submission management to hospital and regional authorities
- Interface to local and regional cancer registry recording
- Reporting tools from Crystal Reports and documentation including eScribe for importing merge fields into letters and documents
- Survivorship facility to link cancer survivors to their care teams

Evidence-based Medicine

- Enhanced data interrogation and trending with ANALYTIQ® to measure performance, quality of care and patient outcomes
- Access to NCCN guidelines for best practice treatment guidance from within the patient record with no need to switch screens
- Coherent reporting across practice/financial/clinical departments

Delivering long term care and follow up for cancer survivors

Supporting cancer survivors leads to better long term follow up information that can be recorded and reported in MOSAIQ to improve the availability of outcomes data and future decision making.

The MOSAIQ Survivorship module creates a patient-specific treatment summary with recommendations for follow up based on the patient's cancer type. A complete view of diagnosis, treatment delivered, contact information for key staff and a calendar for specific tests recommended over several years can be compiled and customized by the care provider for each patient.

The Survivorship summary also provides cancer-specific patient education material and resources for maintaining health and well-being, such as cancer foundations, support groups and exercise classes available in the patient's local community. The care provider can select to adjust the type and quantity of material that is provided to the patient.

This flexible module can be delivered to the patient and to the referring physicians by print, secure email, a password-protected jump drive or within a patient portal.

Optimize your cancer care program with integrated, value-added tools

Elekta offers several options to complement your oncology information management system, addressing your ongoing product and service needs.

SYNERGISTIQ®

SYNERGISTIQ efficiently performs all functions necessary for 3D image guided treatment management (IGTM) by managing the movement of data and images between MOSAIQ and the linear accelerator during the acquisition process.

MOSAIQ® Clinical Trials

MOSAIQ Clinical Trials is a full-featured clinical trial solution enhancing the core charting capabilities of MOSAIQ, and managing the intricacies of both radiation and medical oncology.

Cancer Registry

Elekta's decision support products, including Cancer Registry and METRIQ®, provide essential tools for cancer case tracking, data aggregation, analysis and reporting.

MOSAIQ® Data Director

MOSAIQ Data Director offers a clinically oriented, easily accessible image and data archive for all DICOM images and non-DICOM data, including RT objects and treatment planning files.

ANALYTIQ™

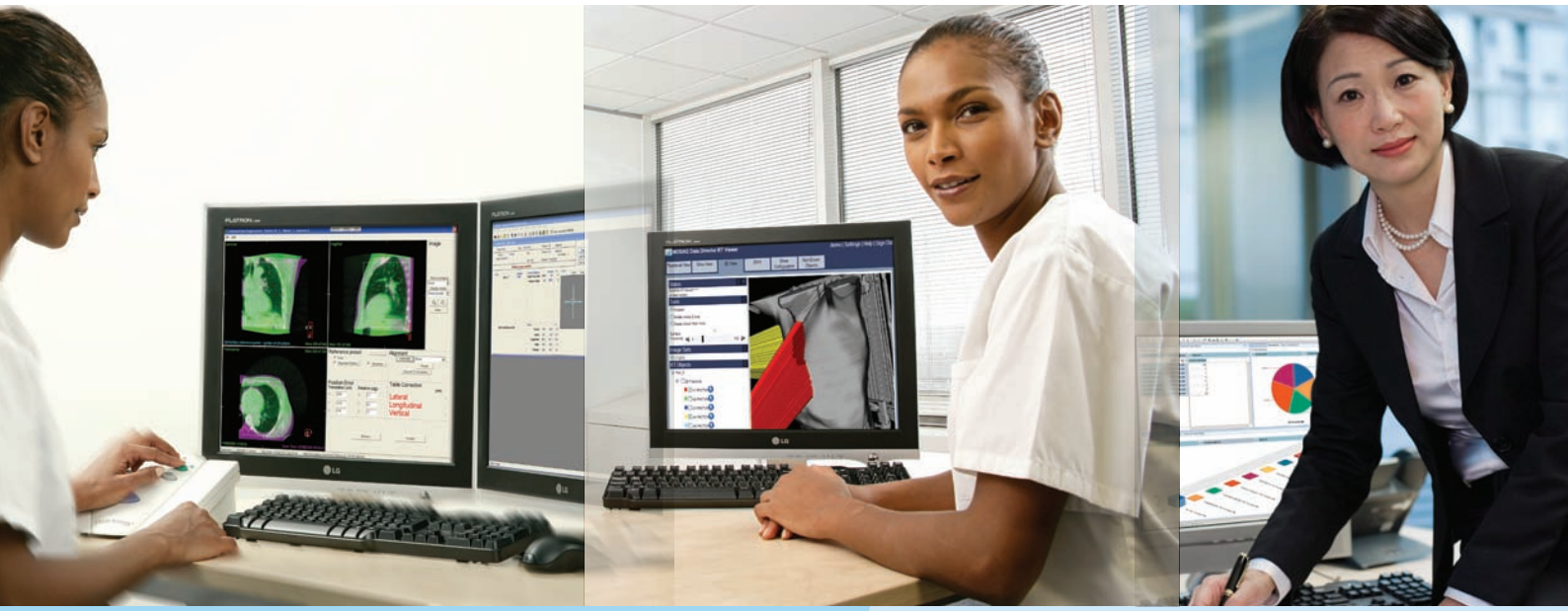
ANALYTIQ is a data analysis tool that enables review and evaluation of data collected by MOSAIQ, providing a valuable source of oncology data to facilitate decision-making and promote continual quality improvements.

Implementation Training and Service

Elekta's global support organization is here to serve as your partner, helping you to realize positive returns on your oncology information system.

In addition, Elekta's online service portal, gives customers access to a variety of product and service information 24 hours a day.

Elekta's standard, fee-based classroom and online system training is designed for your entire department – from experienced users to those with little working knowledge of MOSAIQ.



A human care company, Elekta pioneers significant innovations and clinical solutions for treating cancer and brain disorders. Elekta provides intelligent and resource-efficient technologies that improve, prolong and save patient lives. We go beyond collaboration seeking long-term relationships built on trust with a shared vision, offering confidence to healthcare providers and their patients.

www.elekta.com

Human Care Makes the Future Possible

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