

# MOSAIQ®

## Radiation Oncology Information System



Confidence for you and your patients

# 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 multidisciplinary 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—whether you are a single physician practice or the most sophisticated provider network—offering a robust and scalable solution as your needs change.

# Manage multiple sites with a consolidated database

MOSAIQ supports every member of the cancer care team, ensuring timely and accurate patient charting—as well as 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.

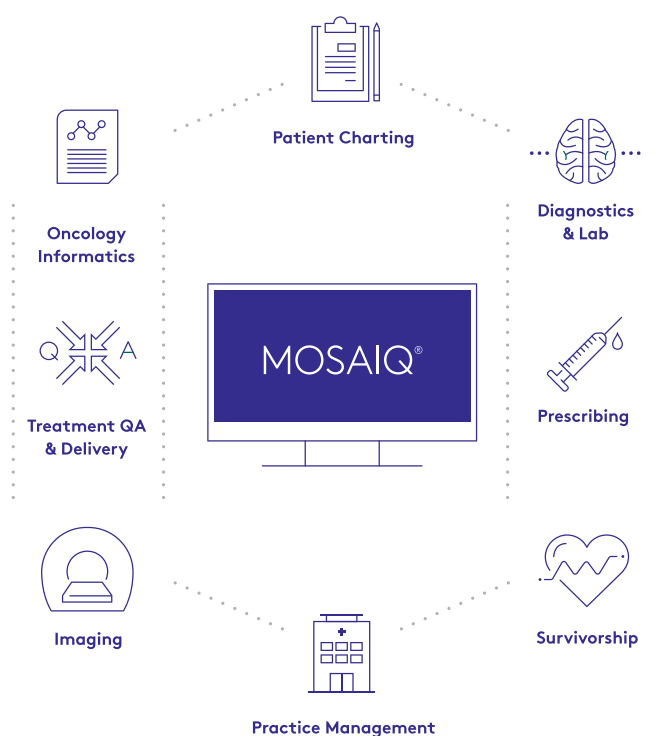
## Unrivalled technology integration and interface

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 Scripts, which provide automation and encourage best practice. Users can manage the flow of patients and treatment data and—using their own set of user-defined parameters—modify MOSAIQ to perform based on a center's exact workflow needs.



A single integrated solution that captures the entire oncology chart



## 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 pretreatment checks—including patient identification, positioning and site set up.

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

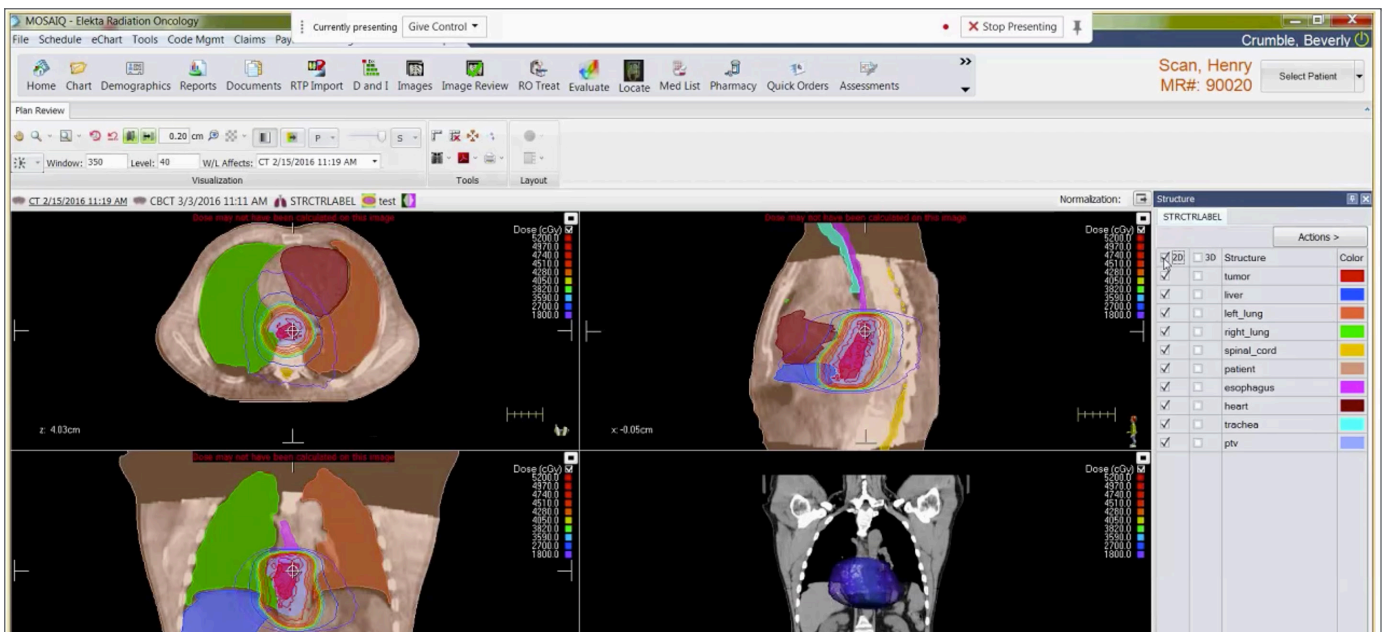
## Evidence-based medicine for better decision making

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.

- Leverage potentially dramatic improvements in efficiency, cost savings, etc.
- Address fundamental necessity of clear communication across all care team members via electronic data management and visual representation

## Why MOSAIQ?

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



# Consistent and continual workflow management from a consolidated database

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

## MOSAIQ Workflow and Charting

- Comprehensive clinical patient care, radiation prescription, ancillary care, patient support management
- 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 multilevel safety checkpoints
- Setup details, immobilization devices and reference images entered into treatment chart
- Treatment planning data is held in MOSAIQ and available throughout the treatment delivery, with no need to switch systems
- Long-term image/data storage in MOSAIQ Data Director can be accessed throughout the treatment process
- Integrate with virtually any treatment planning system or linear accelerator



## Image Management

- Centralized image management for all modalities
- 2D and stereoscopic image registration
- 3D volumetric image registration
- Elekta 4D CBCT offline review support
- Localization trend review and workflow tools

## Patient Verification and Delivery

- Patient and treatment site verification
- Multiple patient verification tools
- Supports all pretreatment checks including patient positioning, treatment accessory verification, and daily and cumulative dose
- MOSAIQ verifies treatment delivery parameters and records data and images in the patient record
- Connects to multiple treatment delivery systems and modalities

## 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 Elekta delivery system during the acquisition process.

## 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

- 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 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 flash 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.

## MOSAIQ® Oncology Analytics

MOSAIQ Oncology Analytics promotes peak clinic performance by translating data from your MOSAIQ site(s) into the actionable practice information needed to streamline workflow, reduce costs and improve patient care.

## 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 radiation and medical oncology.

## METRIQ®

Elekta's decision support product, METRIQ, provides essential tools for cancer registry including 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.





## Implementation Training and Service

Elekta Care™, Elekta's comprehensive customer care program, partners with you to help you realize positive returns on your oncology information system.

SupportPlus™, our online customer portal, provides access to a variety of product and service information 24/7.

Elekta Care™ Learning offers a broad scope of learning opportunities—at all experience levels—for your entire department. Elekta Care Learning Credits simplify the registration process.

Elekta Care offers extended coverage options beyond your system's warranty period to help you maximize clinical availability and usage of MOSAIQ. Find more information on [elekta.com/elektacare](http://elekta.com/elektacare) or contact your sales representative.

## Vendor Interoperability Program

Extend MOSAIQ value through complementary capabilities and technologies including:

- Biometric validation/access
- RFID Tracking
- Workflow management
- Patient portal and engagement apps
- Others



# Elekta Cloud Solutions for MOSAIQ

With our cloud solutions, free your staff to concentrate on clinical delivery and more efficient patient care, while reducing the burden of IT acquisition and management.

## Highlights



### Worry Free

Optimize performance and scale your practice

Our completely managed oncology-specific platform for hosting Elekta software delivers high availability, performance optimization and the ability to quickly adapt to fast-changing needs by increasing performance or storage in minutes.



### Cost-Effective

Control costs and eliminate unplanned expenses

By limiting the need for IT acquisition and management, your staff can focus on what's important—effectively managing your rich datasets to drive better outcomes and survival data.



### Clinically Reliable

Recover quickly with business continuity and resilience planning services

We guarantee 99.95 percent uptime of your hosted Elekta applications, monitor all critical systems to detect problems before failures happen and continually backup clinical data to protect the patient record. And, clinical business continuity and resilience planning in the event of a disaster is ensured—a reassurance that is out of the financial reach of many oncology clinics.



### Secure

Peace of mind with a protected IT environment 24/7/365

Our state-of-the-art Internet Data Centers (IDCs) are SSAE16 certified, meeting the highest standards of security, reliability and redundancy. Within this secure environment, we run intrusion prevention algorithms against all systems at all times, monitoring thresholds, identifying intrusion patterns and blocking intruders.

# Elekta Care™

Elekta Care is designed to help you maximize the use of your Elekta technology, so you can focus on your patients and your practice.

**Professional  
Services**



**Service &  
Support**

Elekta Care™ supports you from startup through your product's lifecycle with comprehensive options from education, training and upgrades to solutions allowing you the highest uptime and improved operational efficiency.

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**To learn more, visit  
[elekta.com/elektacare](http://elekta.com/elektacare)**

**We are healthcare technology innovators, specializing in radiotherapy treatments for cancer and brain disorders.**

We help clinicians to improve patients' lives through our forward-thinking treatment solutions and oncology informatics, creating focus where it matters to achieve better outcomes.



## Elekta Offices

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