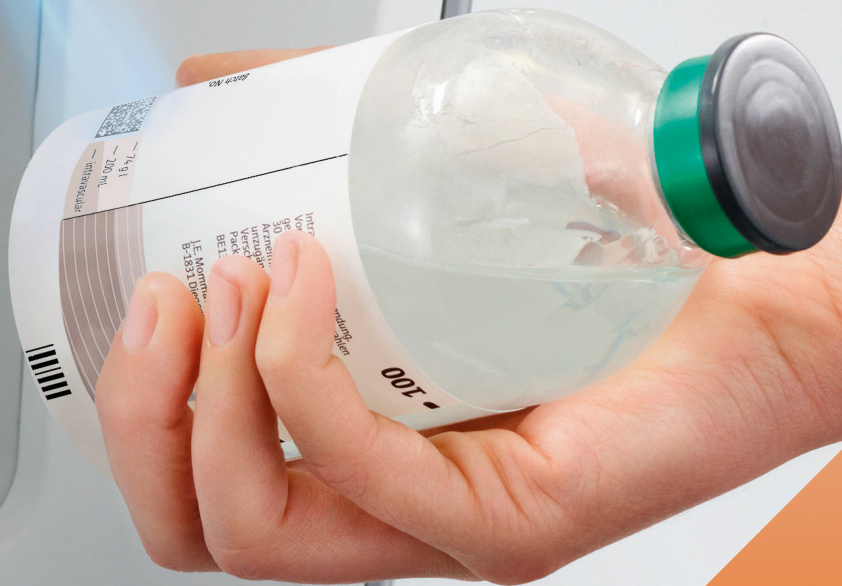# Automated Documentation

MEDRAD® Centargo
MEDRAD® Stellant FLEX
MEDRAD® MRXperion

BAYER

Automated Documentation

By effortlessly capturing contrast and injection parameters along your workflow, Automated Documentation reduces the number of manual tasks and potential errors. It makes the right information available when needed, while complying with documentation requirements.

Workstation for Medrad Stellant FLEX and MRXperion

Automated Documentation can offer greater peace of mind, so you can spend more time focusing on patient care.

› ***Accurate***

Scan barcode data quickly at the source to potentially reduce contrast transcription errors

› ***Automated***

Automatically propagate data to connected systems for fewer administrative steps and more time for patient care.

› ***Accessible***

Have contrast and injection details available effortlessly in the imaging workflow for less time on the phone and more focus on results.

Automated Documentation in Your CT and MR Workflow

1. PREPARE

// Barcode Reader

Scan the bottle's barcode and all contrast information, such as brand, concentration, lot number*, expiry date* and vial volume, is documented and displayed.

2. PLAN

// Modality Worklist

Patient demographics and study information are retrieved from the modality worklist and presented on one screen – including patient ID, name, gender, height, and more**.

Benefits

> Accurately captures data at the source
> Helps meet documentation requirements
> Accessible for reporting and billing
> Less administrative steps and more time for patient focus

Benefits

> Quick selection to match the procedure to the correct patient

* Only with Bayer contrast agents with 2D barcode.

** Requires additional software purchases.

3. PERFORM

// PACS Interface

The workstation combines contrast, patient and injection information into a secondary capture file, which is automatically sent to Picture Archiving and Communication System (PACS).

4. REPORT

// Dictation Interface

The dictation interface can be configured to auto-populate contrast and injection details in the report, which are also visible in PACS as a secondary capture.

Benefits

> Helps save time from manual data entry
> Contrast and injection details become part of the patient's PACS file
> The information is accessible for reporting and quality management

Benefits

> Saves time dictating and reviewing contrast details
> Allows the correlation of injection parameters with enhancement levels in the images
> Information in the report may assist with protocol optimisation

5. BILL

// RIS Interface

Injection contrast details can be conveniently and automatically sent to the Radiology Information System (RIS).

6. MANAGE

// Radimetrics Enterprise Platform

Contrast and injection information from multiple procedures can be compiled and used for statistical analysis, which can optionally be sent to a Radimetrics™ Enterprise Platform.[+]

Benefits

> Accurate invoicing of contrast-enhanced procedures can be streamlined if a billing system is connected to the RIS

Benefits

> Helps identify abnormal injections that were aborted or repeated for future corrections
> Allows for root-cause analysis to reveal possible reasons for abnormal injections
> Helps identify measures to enhance reproducible image results and timely completion of exams

+Requires additional software purchases.

Benefits

Clinical

› Capture iodine or gadolinium load (as applicable to injector), imaging fluid and contrast type in the patient record for patient management

› View injection parameters to correlate with enhancement levels for protocol optimisation or follow-up

Organisational

› Access contrast information when and where you need it

› Achieve standardised information flow and record keeping

Financial

› Comply efficiently with contrast documentation requirements

› Streamline correct invoicing of contrast usage where applicable

PREPARE

Contrast information captured*

- Brand
- Concentration
- Vial Volume
- Lot Number**
- Expiry Date**

PLAN

Patient information captured

- Patient ID
- Patient name
- Date of birth
- Gender
- Height
- Accession number
- Study description
- Study unique ID

PERFORM

Injection parameters captured

- Peak pressure and flow rate
- Pressure limit
- Total fluid (ml) and total Gd/Iodine
- Loaded volumes contrast and saline
- Volumes used and remaining
- Delay
- Start and end times
- Injector model

MANAGE

Parameters

- Injection count
- Repeat injections
- IV issue count
- Lost time
- Atypical injections
- Injection template deviations
- Cumulative patient dose

* Pre-configured for Bayer contrast agents with 2D barcode.

** Only with Bayer contrast agents with 2D barcode.

// Workflow Solutions

Ordering Information

Description	Centargo	Stellant FLEX	MRXperion
Informatics Starter Package Barcode Reader, Modality Worklist Access and PACS Outbound Interface (Send Secondary Capture of Contrast Injection to PACS)	CENT-AUTO-DOC	FLEX-AUTO-DOC	MRXP-AUTO-DOC
Dictation Interface Have Contrast and Injection Data available for Insertion	CENT-SR	MIS PCS 300	MIS PCS 300
RIS Interface Send Contrast and Injection Data to RIS	CENT-RIS	MIS PCS 301	MIS PCS 301
Radimetrics Interface Send Contrast and Injection Data to Radimetrics	CENT-REP	FLEX-REP	MRXP-REP

Built-in barcode reader on Medrad Centargo

Hand-held barcode reader for Medrad Stellant FLEX and Medrad MRXperion

Clear Direction. ➤ From Diagnosis to Care.

More information on radiology.bayer.com.au

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