

Certegra™ Informatics Platform

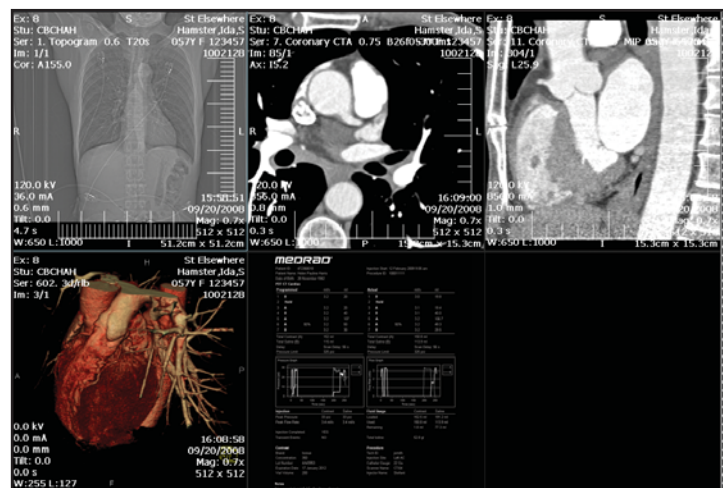
Back decisions with evidence. Put the information you need within reach.

Connect.PACS™ application is a radiology informatics application that instantly integrates each patient's CT contrast injection record with the associated clinical image set stored in PACS. A Certegra™ Informatics Platform product, Connect.PACS™ joins the MEDRAD® family of radiology informatics applications designed to enable evidence-based decisions while improving workflow, facilitating compliance and improving patient outcomes.



The Connect.PACS™ Application Advantage:

- Immediately communicates to radiologists contrast injection protocol details associated with the CT images stored on PACS
- Enables radiologists to optimize protocols by retrospectively analyzing contrast injection protocols along with the associated image set
- Automatically records consistent data throughout all shifts, and eliminates the need to manually enter or scan contrast information into PACS
- Facilitates and simplifies the processes associated with Joint Commission compliance
- Reduces discrepancies in reconciling dictated patient records with contrast-enhanced CT billing and record keeping
- Facilitates robust reporting and analysis to identify new improvement opportunities such as reducing contrast waste, increasing productivity and reducing atypical injection events



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MEDRAD Informatics Solution

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Injections Management Help

Injections > Browse > Results > Detail

Injection Detail

To edit information, click on the orange edit button.
< Return to Search Results

Patient	Procedure	Contrast	Injection
1 A	3.0 ml/s	150 ml	1 A
2 B	3.0 ml/s	50 ml	2 B

Programmed	Actual
Total Contrast: 150 ml	Total Contrast: 150 ml
Total Saline: 50 ml	Total Saline: 50 ml
Delay: No Delay	Delay: No Delay
Pressure Limit: 325 psi	Pressure Limit: 325 psi

Injection Stats	Peak Pressure	A: 122 psi	B: 92 psi
	Peak Flow Rate:	A: 3.4 ml/s	B: 3.1 ml/s

Fluid Usage	Contrast (ml)	Saline (ml)
Loaded:	166	51
Used:	150	50
Remaining:	16	1
Total Iodine:	62.4 gI	

End of Injection Completed? YES
Transient Events? NO

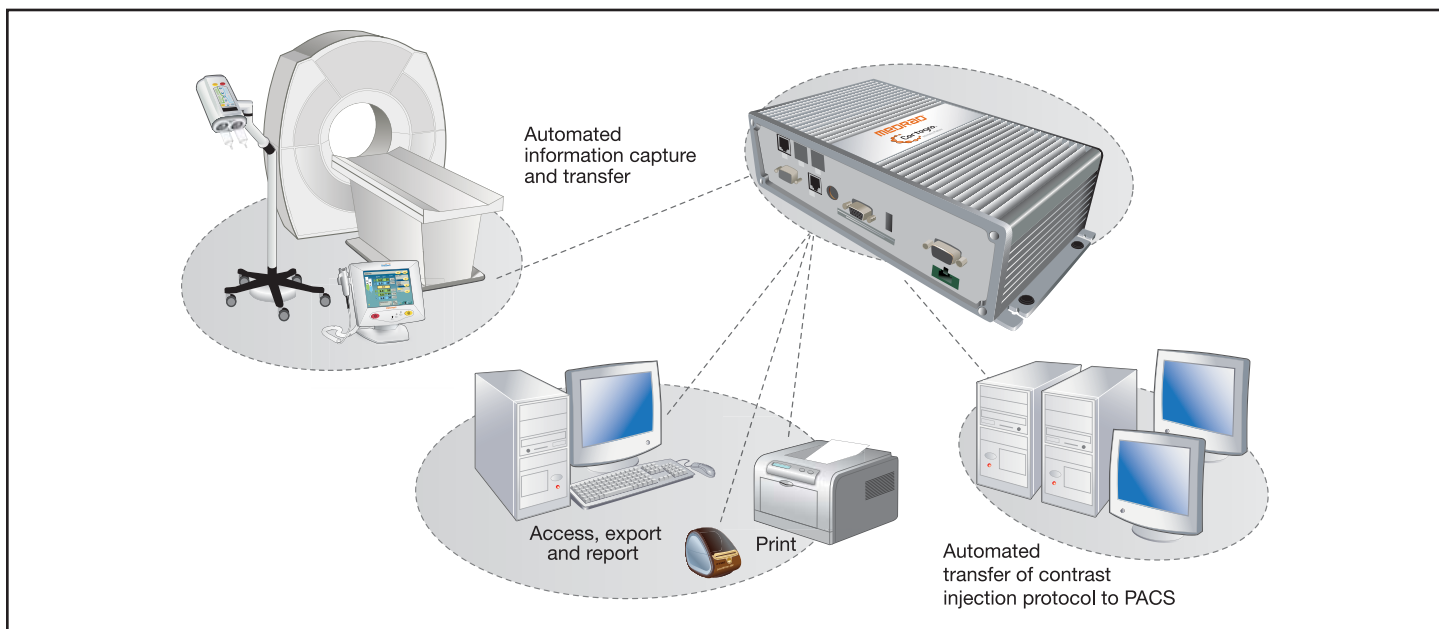
Flow Graph

Flow Rate (ml/s) vs Time (sec)

Flow Graph

Pressure (psi) vs Time (sec)

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Connect.PACS™ Features:

- **AutoCapture** instantly transfers contrast injection information from the Stellant® CT injection system
- **AutoMatch** integrates injection information with study information including patient ID, name and accession number available from the scanner
- **ArchiveTransfer** automatically pushes injection information to the PACS archive
- **Access** enables visibility into aggregated contrast injection information from any PC connected to your hospital network
- **Robust Reporting** capabilities provide visibility into contrast injection and management metrics as well as atypical injection events
- **Data Export** enables data to be exported into spreadsheets for more detailed analysis and reporting

- **Print options** include the ability to print to any standard printer on the network, or to a label printer
- **Security and compliance safeguards** are provided through features including authentication, access control and audit control

Technical overview:

- **Connect.PACS™ DICOM Conformance Statement** is available for review at www.medrad.com/informatics
- **AutoMatch technology** can be powered using MPPS or Query/Retrieve with the modality depending on scanner setup
- **ArchiveTransfer** saves injection information on PACS in the form of a DICOM Secondary Capture image
- **Configuration options** allow flexible integration into existing workflow

Connect.PACS™ Requirements:

- **Connect.PACS™ application** is compatible with any Stellant CT injection system
- **Manage.Report™** application is a prerequisite to **Connect.PACS**

Catalog Number: MIS PCS 200

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The **Certegra™** platform includes **Connect.PACS™** and **Manage.Report™** applications, as well as the **P3T®** Software and **Interfacing (ISI)** product lines.

