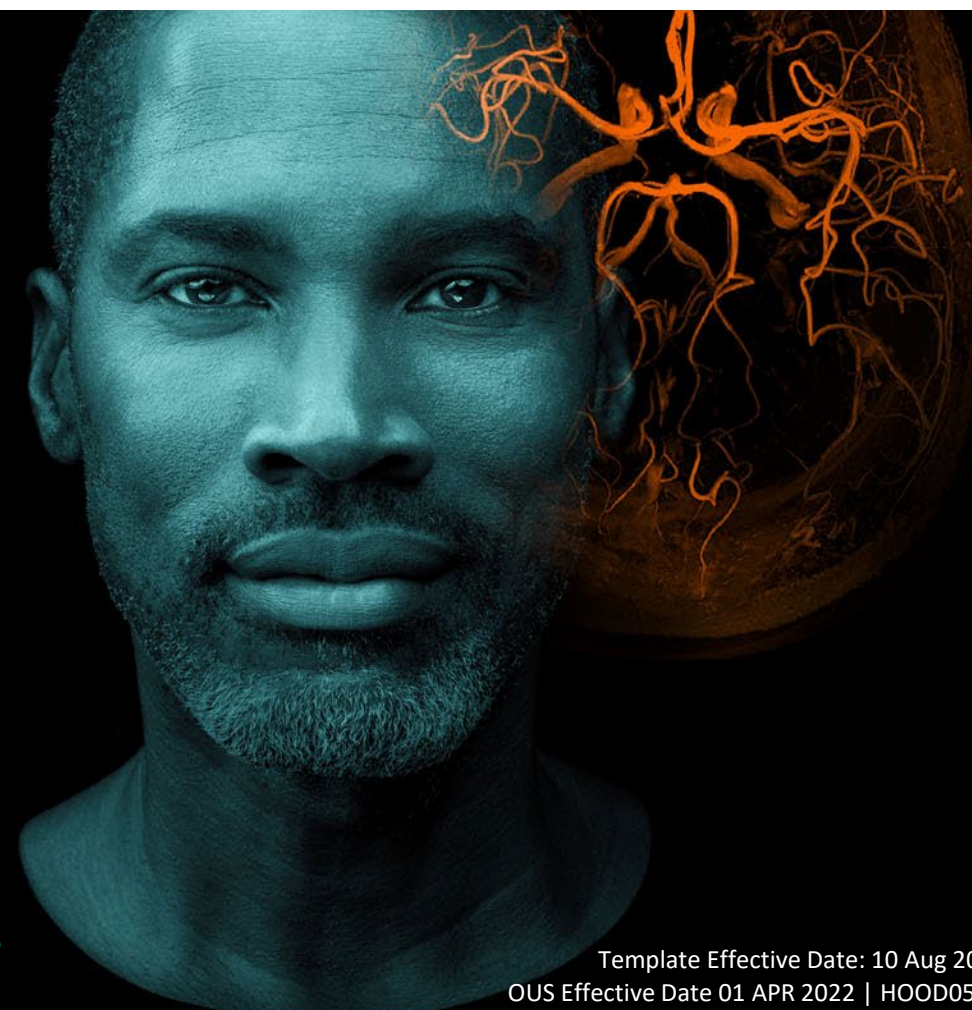
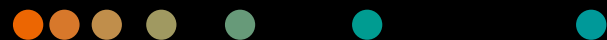


Examination Workflow Job Aid

ARTIS one VA1X



Examination Workflow – Table of Contents

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Examination Workflow

Patient Registration: Sensis

There are automatic and manual methods for patient registration. Depending on how your ARTIS system is connected to information services and servers, patient information may be transferred automatically from a connected Sensis or Radiology Information System (RIS). Or you may need to enter the patient information manually.

If Sensis is installed, you must register the patient one time only on the Sensis console. To assure data consistency, the information from Sensis is transferred to ARTIS one.

1. Select **Patient > Register** in the main menu on Sensis.
2. Enter the data. All **bold fields** are **mandatory**.
3. Select the examination type from the study list.
4. Click **Exam**.

Please note: If you do not use this system combination, registering the patient on the ARTIS system will not result in patient registration on Sensis.

The screenshot displays the Sensis Patient Registration interface. The interface is divided into three main sections: PATIENT, PROCEDURE, and INSTITUTION. The PATIENT section includes fields for Last name, First name, Title, Patient ID, Date of birth, Sex, Age, Height, Weight, Address, and Additional info. The PROCEDURE section includes fields for Accession No, Request ID, Requested procedure(s), Study (a dropdown menu), Study comment, and Patient position. The INSTITUTION section includes fields for Institution name, 1. Performing physician, 2. Performing physician, 1. Operator, and 2. Operator. At the bottom, there are buttons for Preregister, Exam, Search, Cancel, Emergency, and Help. The interface also shows a status bar at the bottom with 'Storage: 00:00', 'Windows Explorer closed', and '6:02:25 PM'.

Examination Workflow

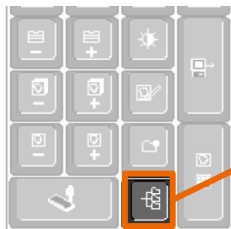
Patient Registration: RIS

If your system is connected to a radiology information system (RIS), the system can be configured to update the DICOM Modality worklist automatically at certain time intervals.

Update the Worklist Manually

1. Press the **Patient Browser (Num .)** key on the symbol keypad.

The **Patient Browser** window opens.

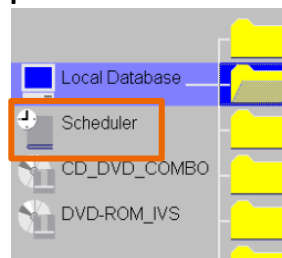


Patient Browser Key

2. Double-click the **Scheduler** icon to update the worklist. Select the icon again to open the **Scheduler**.

– or –

Select **View > Update Worklist** in the menu of the **Patient Browser**.



Patients who have not been examined will appear in the Scheduler of the Patient Browser. In some cases, you may need to update the Worklist manually.

Start the Examination

1. Double-click on the patient's name to start the examination.
The **Patient Registration** window opens.
2. Add any required data.
3. Select the patient position.
4. Select **Exam** to start the examination.

Please note: To ensure the correct labeling of images, the patient position must be checked and entered for **every** procedure or after a change in the physical patient position on the table.

Examination Workflow

Manual Patient Registration (1/2)

If there is no connection to an HIS/RIS, you need to register the patient manually.

Choose one of the 3 options to register a patient manually:

- Press the **Patient Registration (Num 0)** key on the symbol keypad.



Patient Registration (Num 0) Key

– or –

- Select **Patient > Register...** in the main menu.



Patient Browser (Num .) Key

– or –

- Open the **Patient Browser** by pressing the **Patient Browser (Num .)** key on the symbol keypad. Then select the **Patient Registration** button in the upper part of the window. The **Patient Registration** window opens.



Patient Registration Button

Examination Workflow

Manual Patient Registration (2/2)

1. Enter the data. Bold fields are **mandatory**. It is not possible to complete patient registration until all mandatory fields have been filled out. If the registration is not complete, the **Exam** button is grayed out and **cannot** be selected.
2. Select the required exam program from the **Study** list.
3. Select the **Patient position** from the list (not required for cardiac examinations).
4. Click **Exam** to start the examination or click **Preregister** to save the patient information to the worklist for use at a later time.
5. Confirm the **Patient position**.

The screenshot shows the 'Patient Registration' window with three main sections: PATIENT, PROCEDURE, and INSTITUTION. The PATIENT section includes fields for Last name, First name, Title, Other patient name(s), Other patient ID(s), Patient ID, Date of birth, Sex, Age, Height, Weight, Address, and Additional info. The PROCEDURE section includes Accession No, Request ID, Requested procedure(s), Study, and Study comment. The INSTITUTION section includes Institution name, 1. Performing physician, 2. Performing physician, 1. Operator, and 2. Operator. At the bottom, there are buttons for Preregister, Exam, Search, Cancel, Emergency, and Help. The Preregister, Exam, and Patient position dropdown menu are highlighted with orange boxes.

Patient Registration Window

Examination Workflow

Emergency Patient Registration

In time-critical cases, you can register a patient with unique emergency data to start the examination quickly. The data can be updated with the correct patient information later.

1. Select **Patient > Emergency...** in the main menu or in the menu of the **Patient Browser**. The **Emergency Registration** window opens.



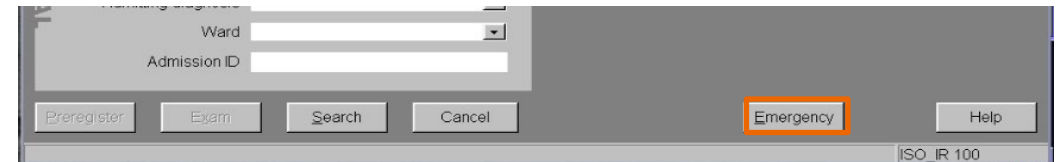
– or –

Press the **Patient Registration (Num 0)** key on the symbol keypad. The **Patient Registration** window opens.



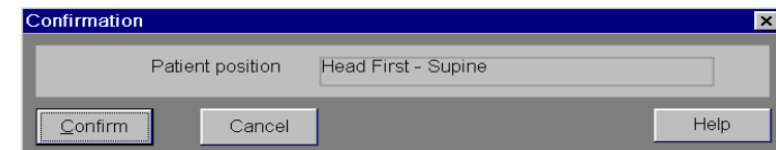
Patient Registration (Num 0) Key

2. Click the **Emergency** button. The system automatically creates default entries for the mandatory fields.



Patient Registration Window

3. Select the **Patient position** from the list (not required for cardiac examinations).
4. Confirm the patient position.



Patient Registration Window

Examination Workflow

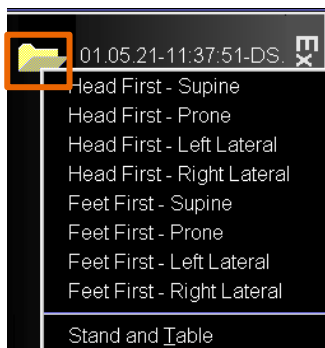
Patient Position

The patient's position has already been defined during patient registration.

If it needs to be changed, proceed as follows:

Control Room: Examination Task Card

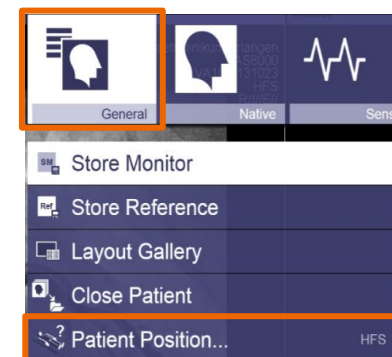
1. Right mouse click on the Patient folder in the upper right corner.
2. Select the required new patient position in the pop-up menu.
3. The new patient position is registered.



**Examination Task Card:
Patient Folder**

Examination Room: Onscreen Menu (if configured):

1. Select the required new patient position in the **Patient Position** submenu of the General postprocessing menu.



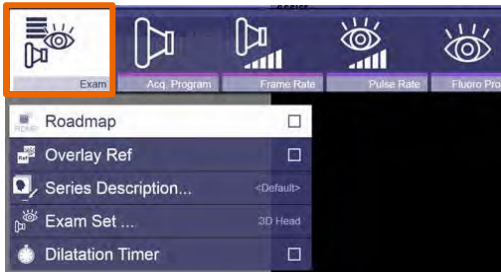
General Onscreen menu

Examination Workflow

Examination Onscreen Menu

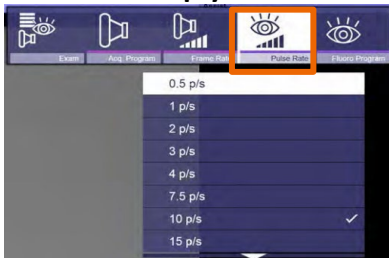
Examination Onscreen Menu

The **Examination Onscreen** menu contains general examination functions.



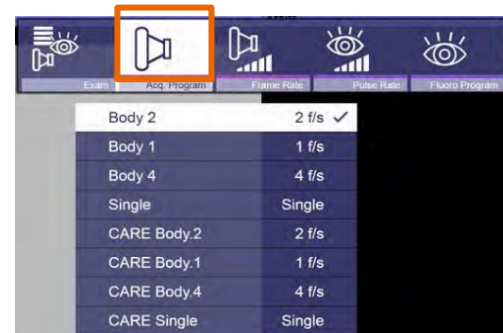
Pulse Rate Menu

The **Pulse Rate** menu contains the available frame rates of the active fluoroscopy/roadmap program.



Acquisition Program Menu

The **Acquisition Program** menu contains the acquisition programs of the active exam set.



Frame Rate Menu

The **Frame Rate** menu contains the available frame rates of the active acquisition program.



Fluoro Program Menu

The **Fluoro Program** menu contains the fluoroscopy/roadmap programs of the active exam set.



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