ACUSON Juniper Ultrasound System
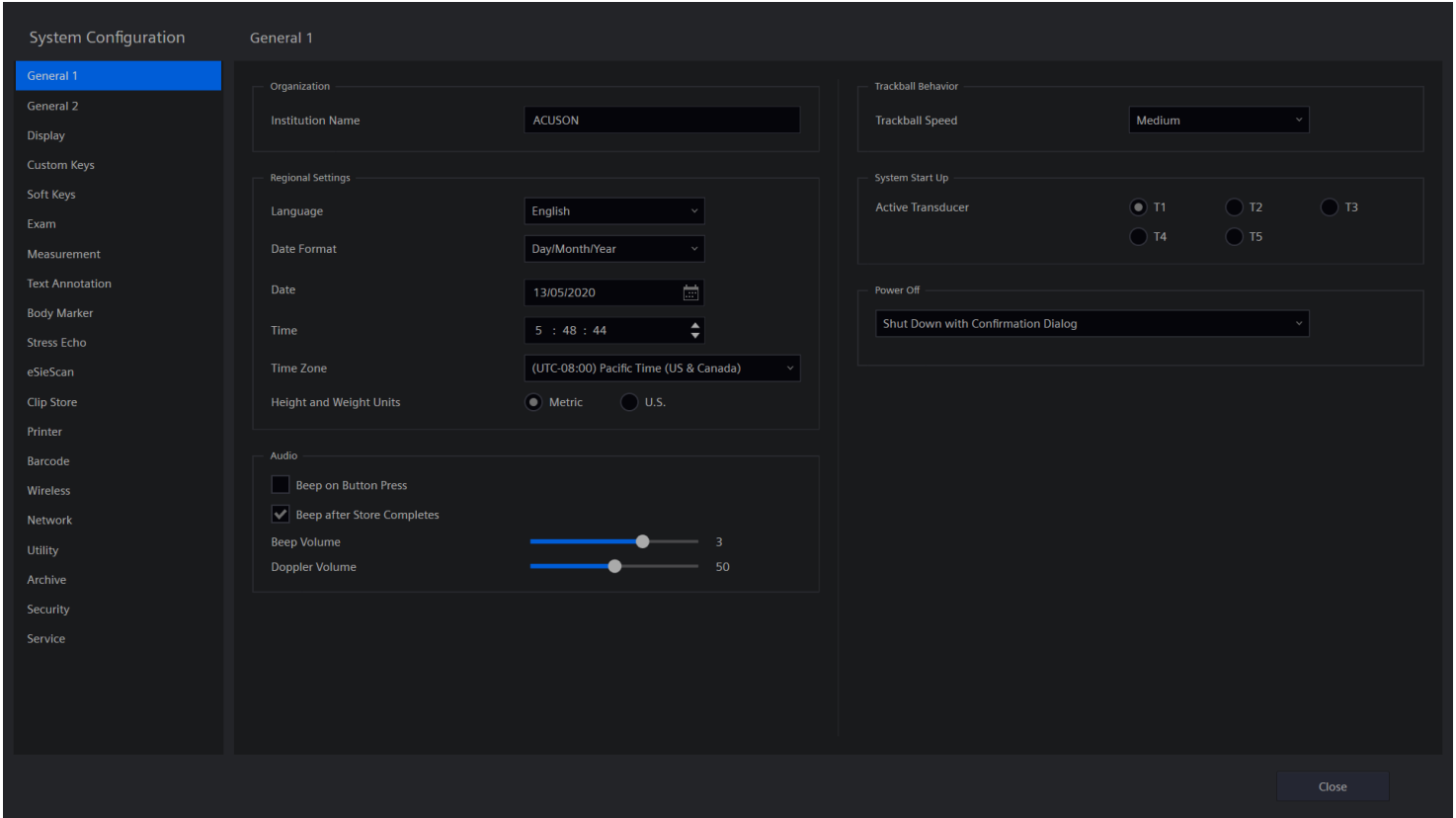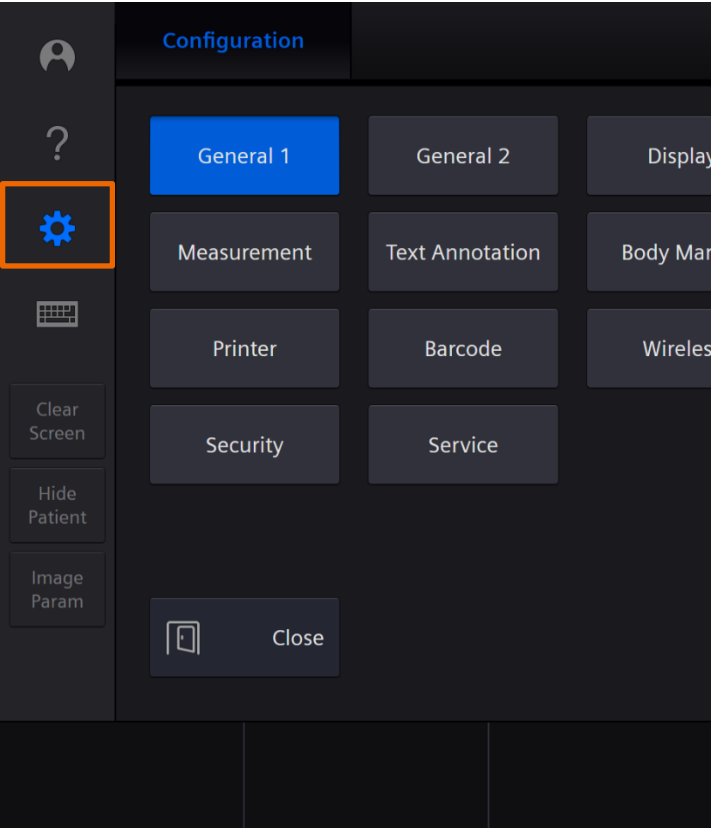
Getting Started

Objectives

- **Demonstrate patient registration**
- Review the steps to edit / restart an exam
- Demonstrate workflow selections
- Produce customized exam presets
- Identify review functions
- Perform the steps to end exam
- Discuss backup and restore

Patient registration Configuration

Patient registration
Starting an exam
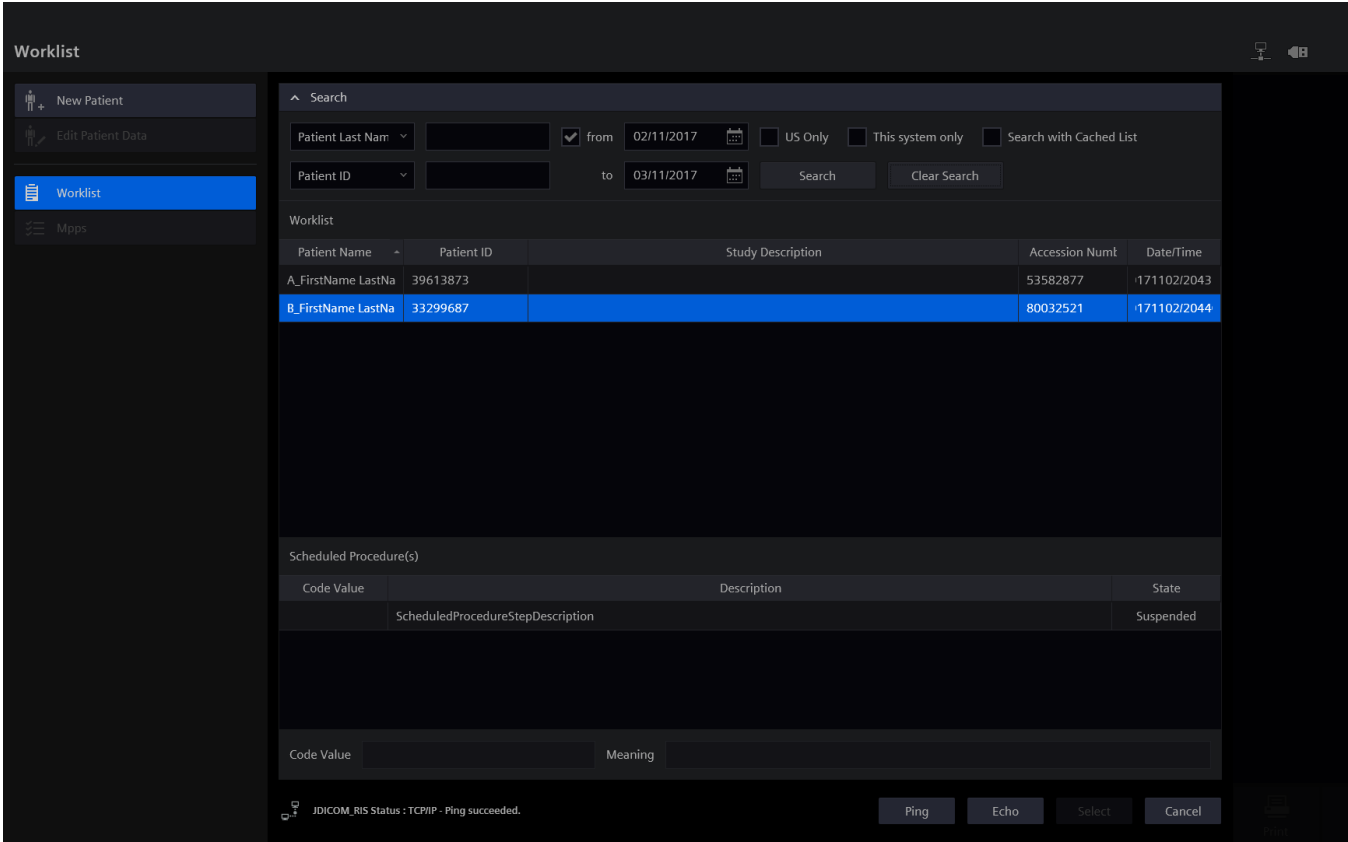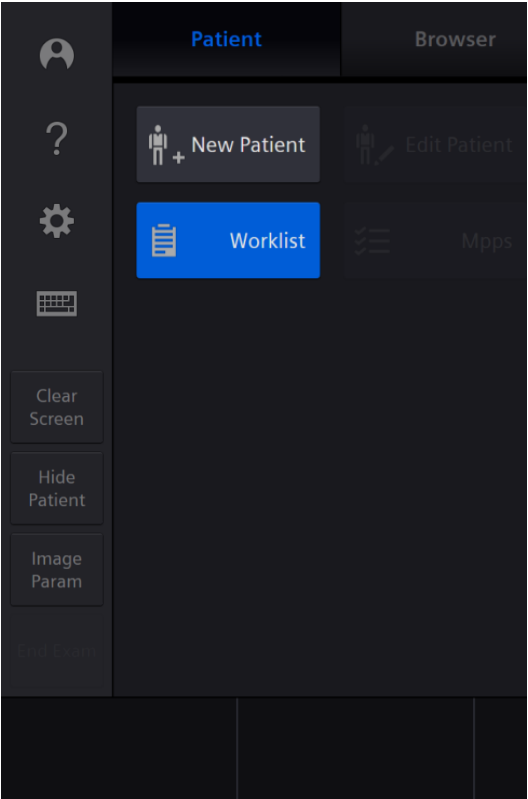
Patient registration Manual

To manually register a patient:

- Select **New Patient**
- Enter the patient information, select transducer, exam and protocol
- Select **OK** to begin imaging

Patient registration Worklist

Objectives

- Demonstrate patient registration
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Edit patient data

Restart an exam

To restart an exam:

- Select **Patient** on the Control Panel

- Select **Browser** on the Touch Screen

- Select the search period

- Select the desired exam

- Select **Restart**
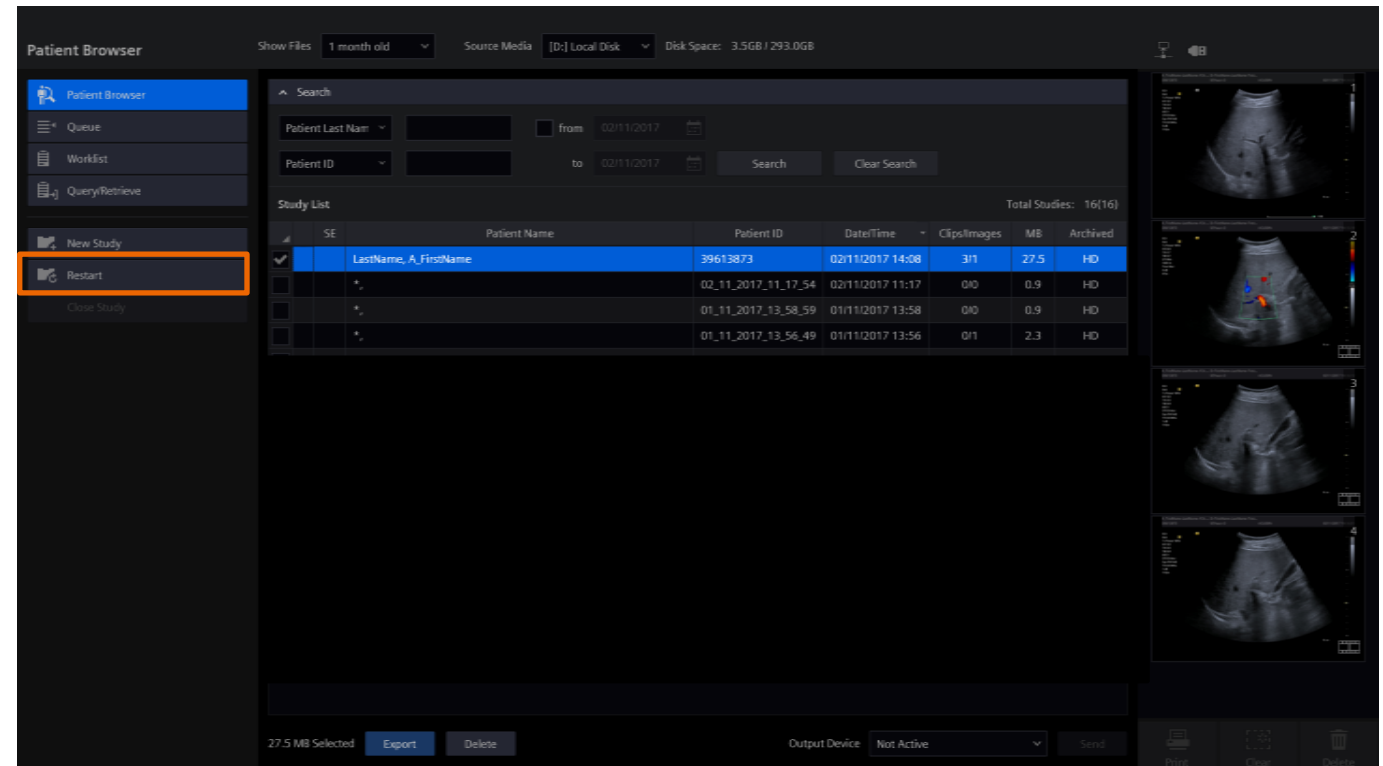
Objectives

- Demonstrate patient registration
- Review the steps to edit / restart an exam
- **Demonstrate workflow selections**
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Workflow selections
Transducer, exam and protocol

To select an exam type from patient registration screen
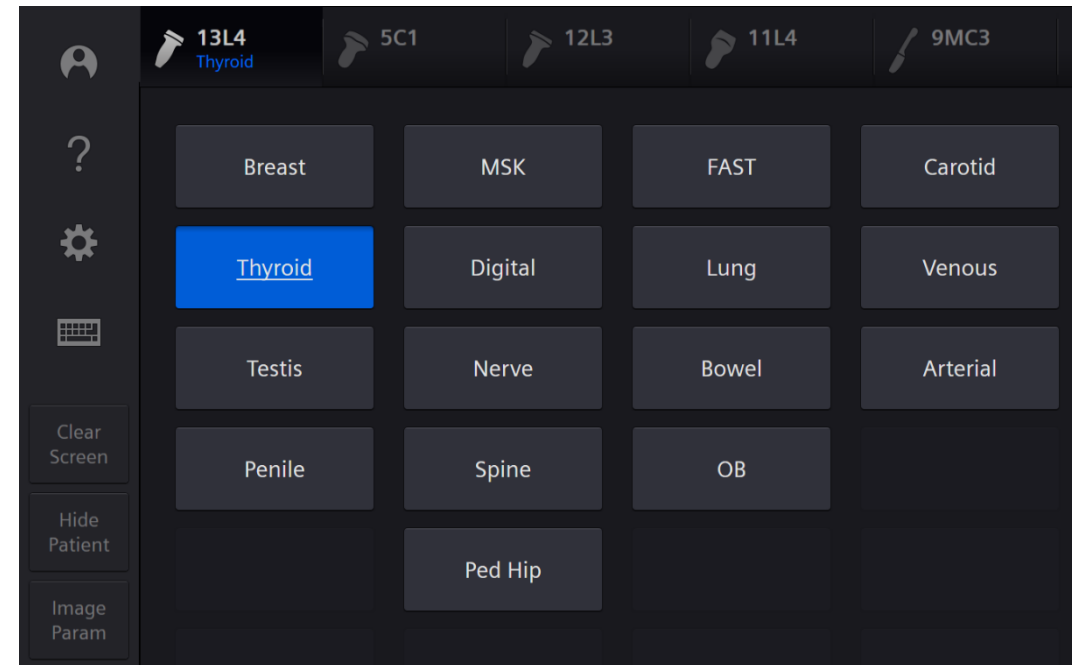
Exam and transducer can also be selected from the Touch Screen

Protocols (eSieScan workflow protocols)
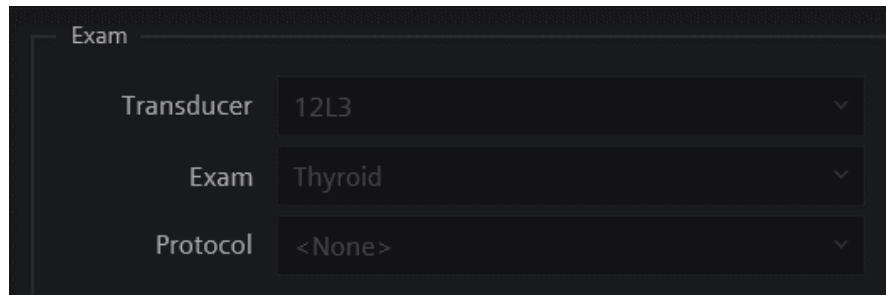
Image parameters and patient information

Objectives

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Creating a user-defined exam

To create a user-defined exam preset

- Select the transducer and exam from the Touch Screen

- Select **Add Exam**

- Enter a name for the exam

- Select **Create**

Editing a user-defined exam

To edit a user-defined exam preset

- Select the exam preset you want to edit

- Adjust the parameters

- Select the desired transducer tab

- Select **Edit**

(continued on next slide)
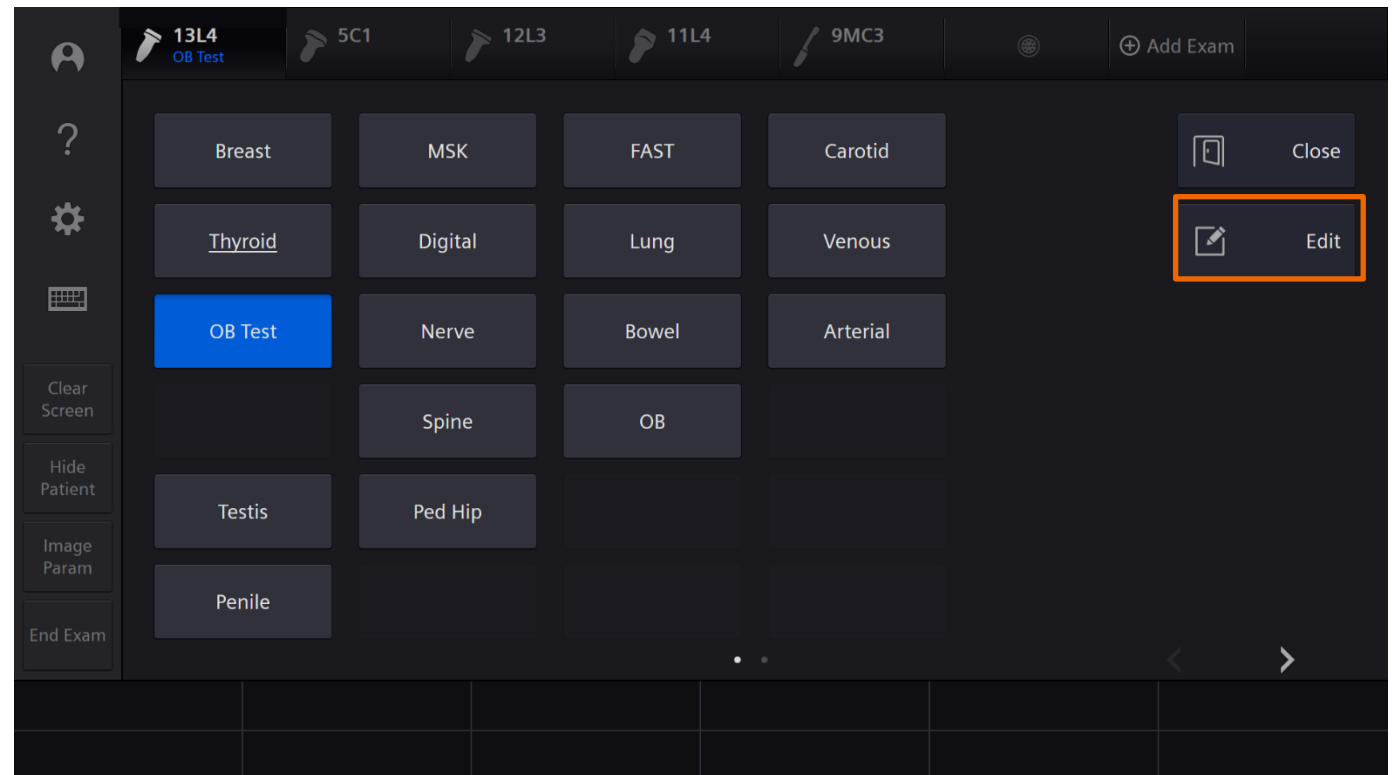
Overwriting a user-defined exam

To overwrite a user-defined exam preset

- Select the desired user-defined exam

- Select **Overwrite**

- Select **Set Default** to change the default exam for the selected transducer

- Select **Yes** to confirm
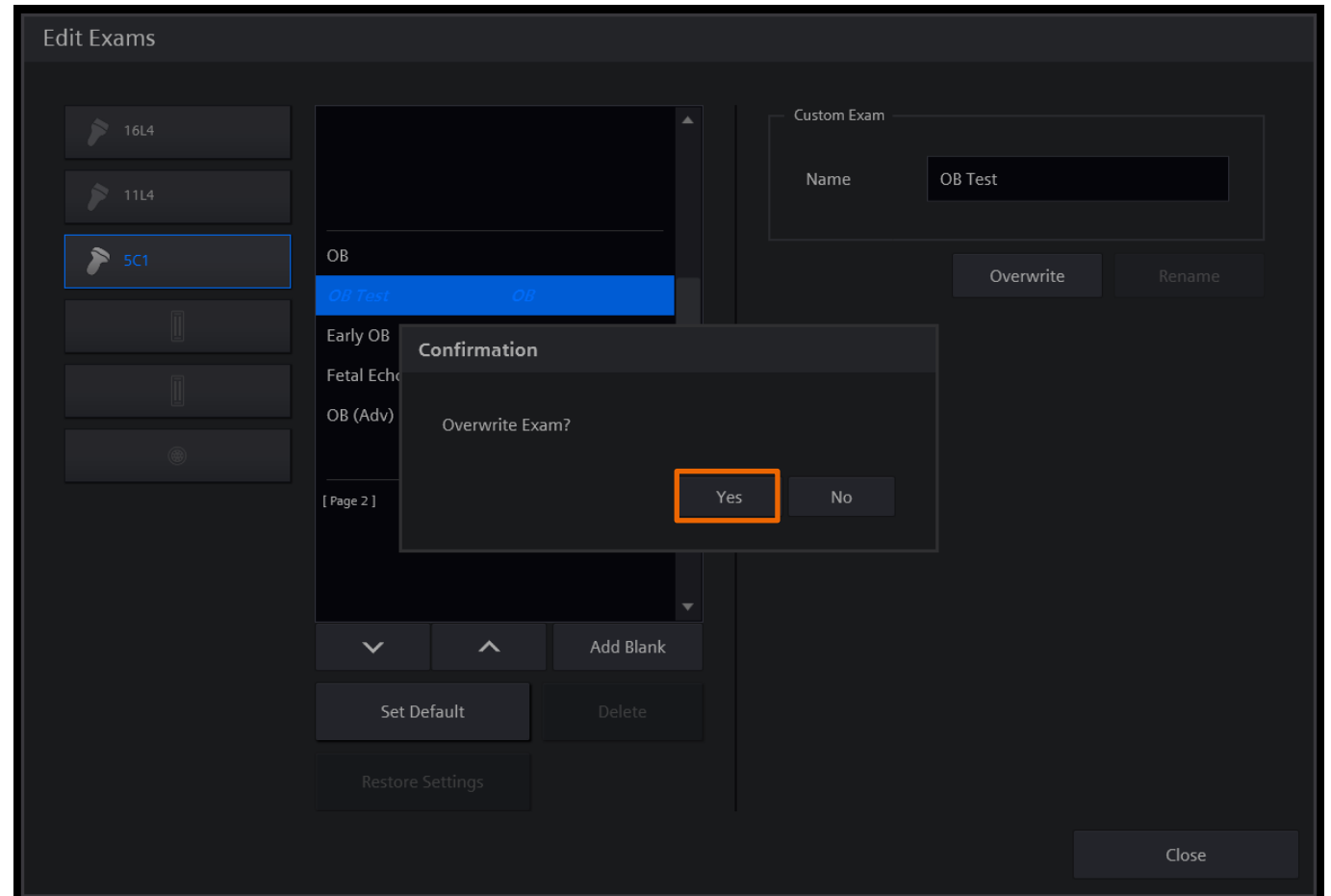
Renaming a user-defined exam

To rename a user-defined exam preset

- Select the desired user-defined exam

- Replace the information in the **Name** field

- Select **Rename**

- Select **Set Default** to change the default exam for the selected transducer
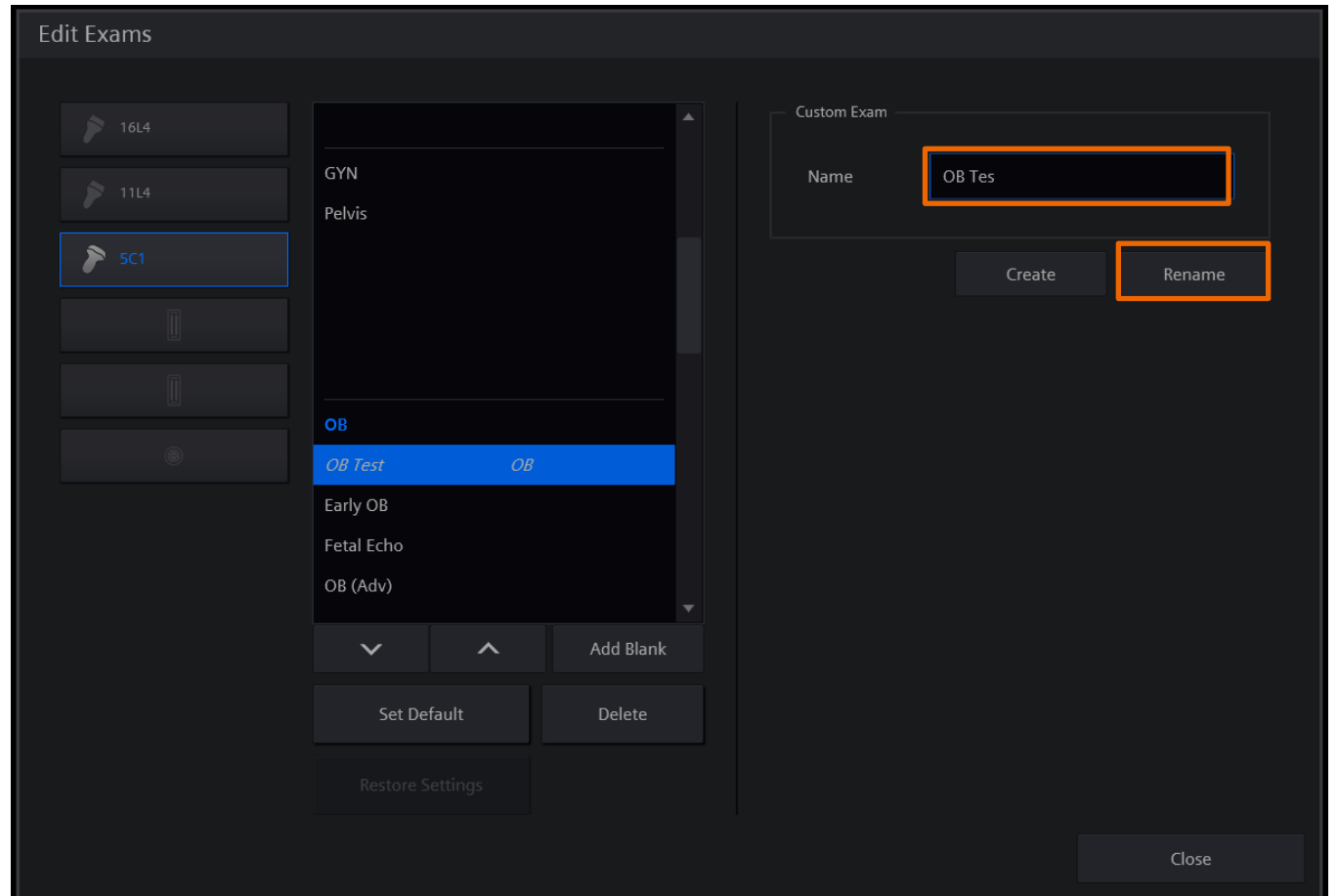
Deleting a user-defined exam

To delete a user-defined exam preset

- Activate an exam preset other than the one you want to delete

- Select the desired transducer tab

- Select **Edit**

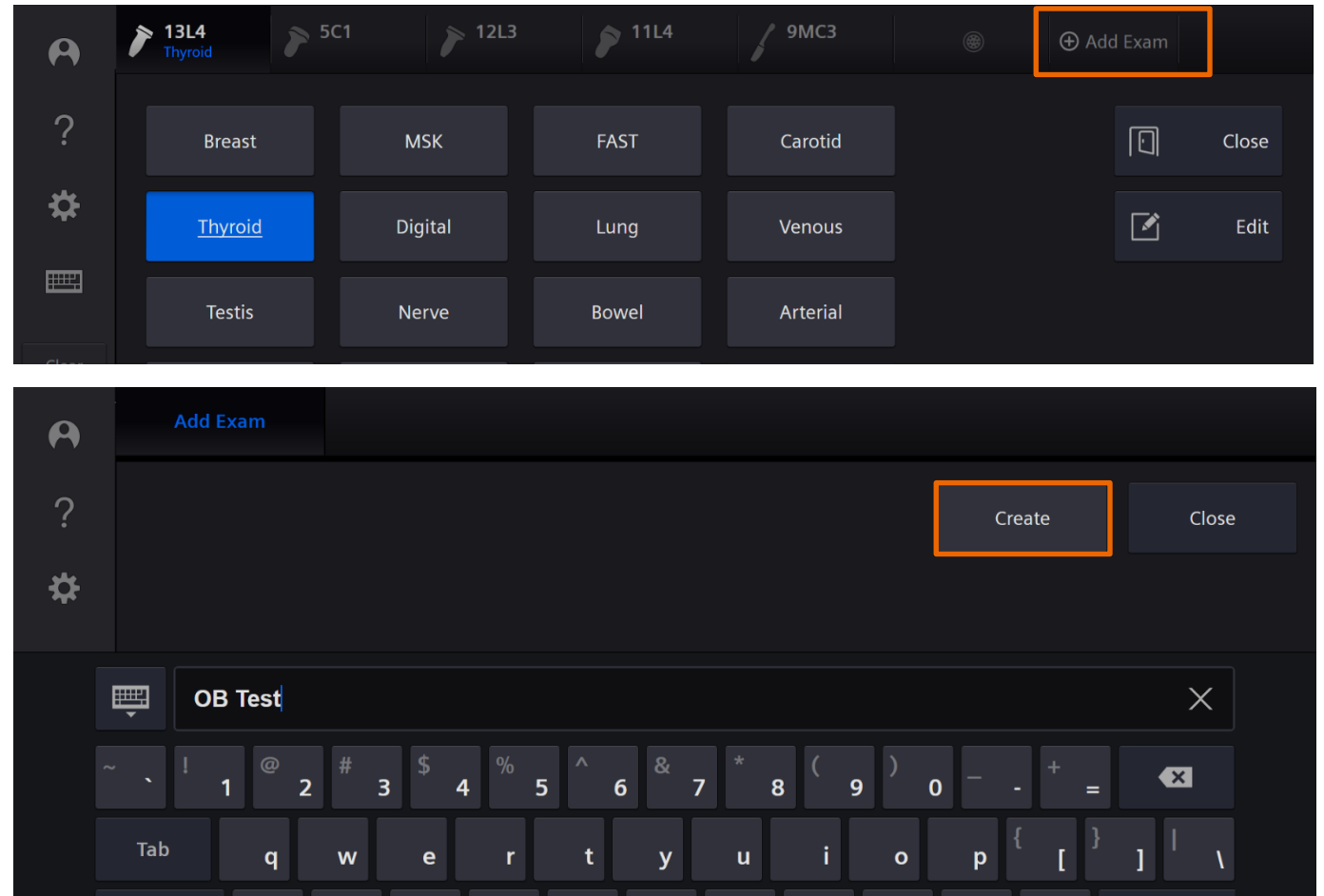- Select the desired exam

- Select **Delete**
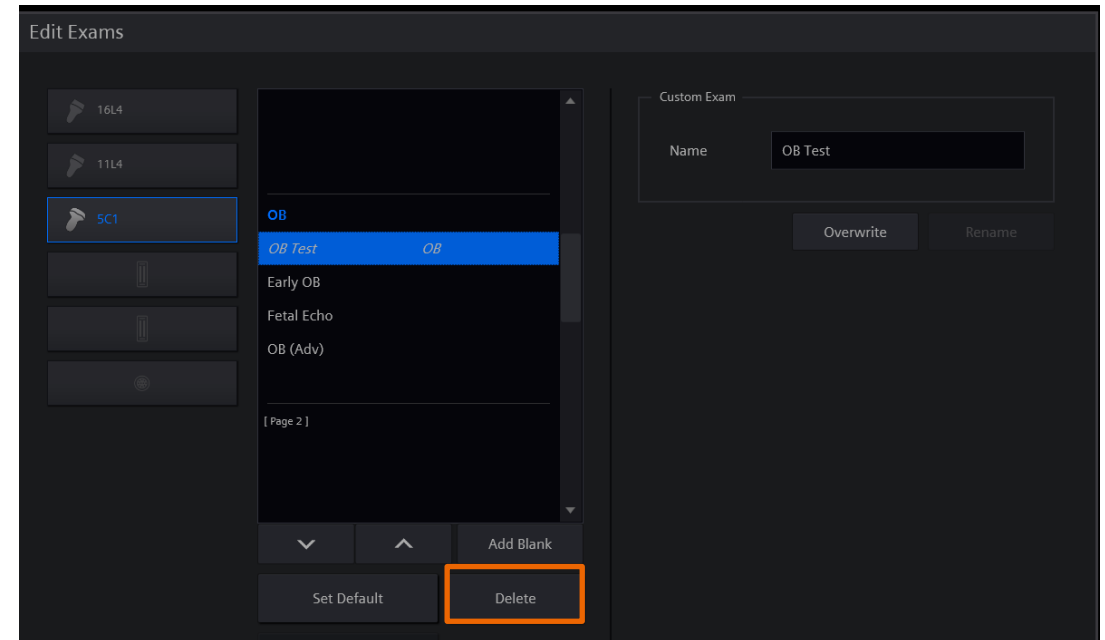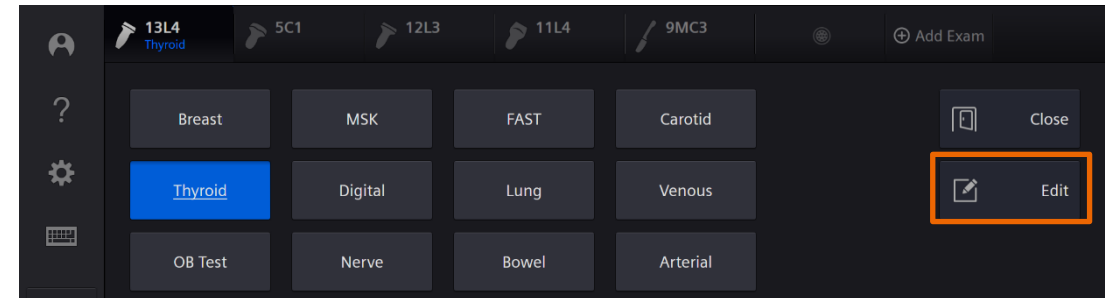
Objectives

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Activate review mode
Active study

Activate review mode
Saved study
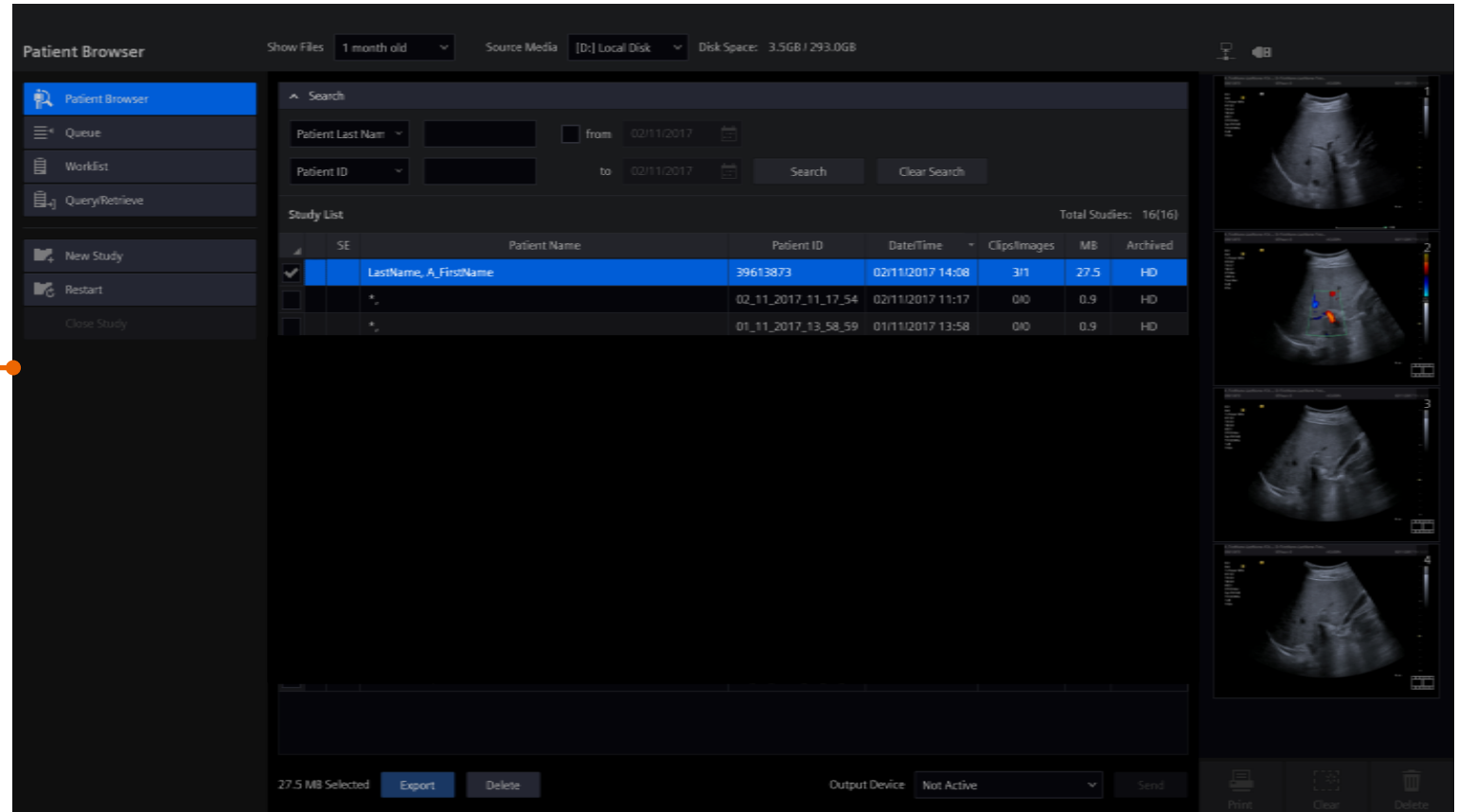
Review Touch Screen layout
Active study

Review tab

Image layout selections

Create file / display options

Syngo Arterial Health Package selection

End exam selection

Patient	Browser	**Review**

General Review

Select all	Deselect All

1x1	1X2	2x2
3x3	4x4	5x5

Archived Report

Show Selected	Slide Show

Stress Echo Review

Teaching File	Export

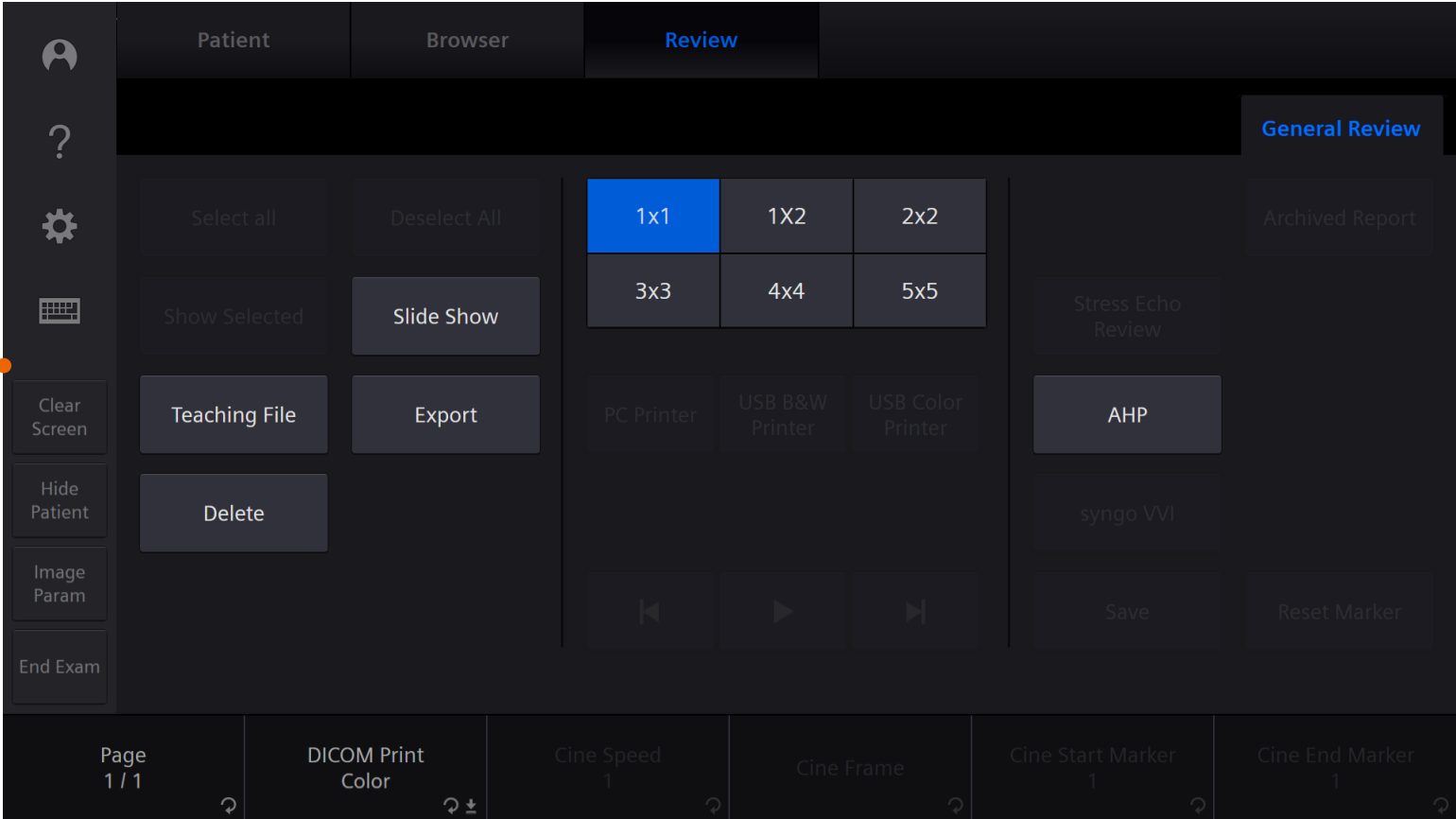| PC Printer	USB B&W Printer	USB Color Printer

AHP

Delete

syngo VVI

Clear Screen
Hide Patient
Image Param
End Exam

Save	Reset Marker

Page 1 / 1	DICOM Print Color	Cine Speed 1	Cine Frame	Cine Start Marker 1	Cine End Marker 1

Review onscreen layout display and options

Image number

Thumbnails

Cine bar

Image layout and paging selections

Review onscreen multi-layout display
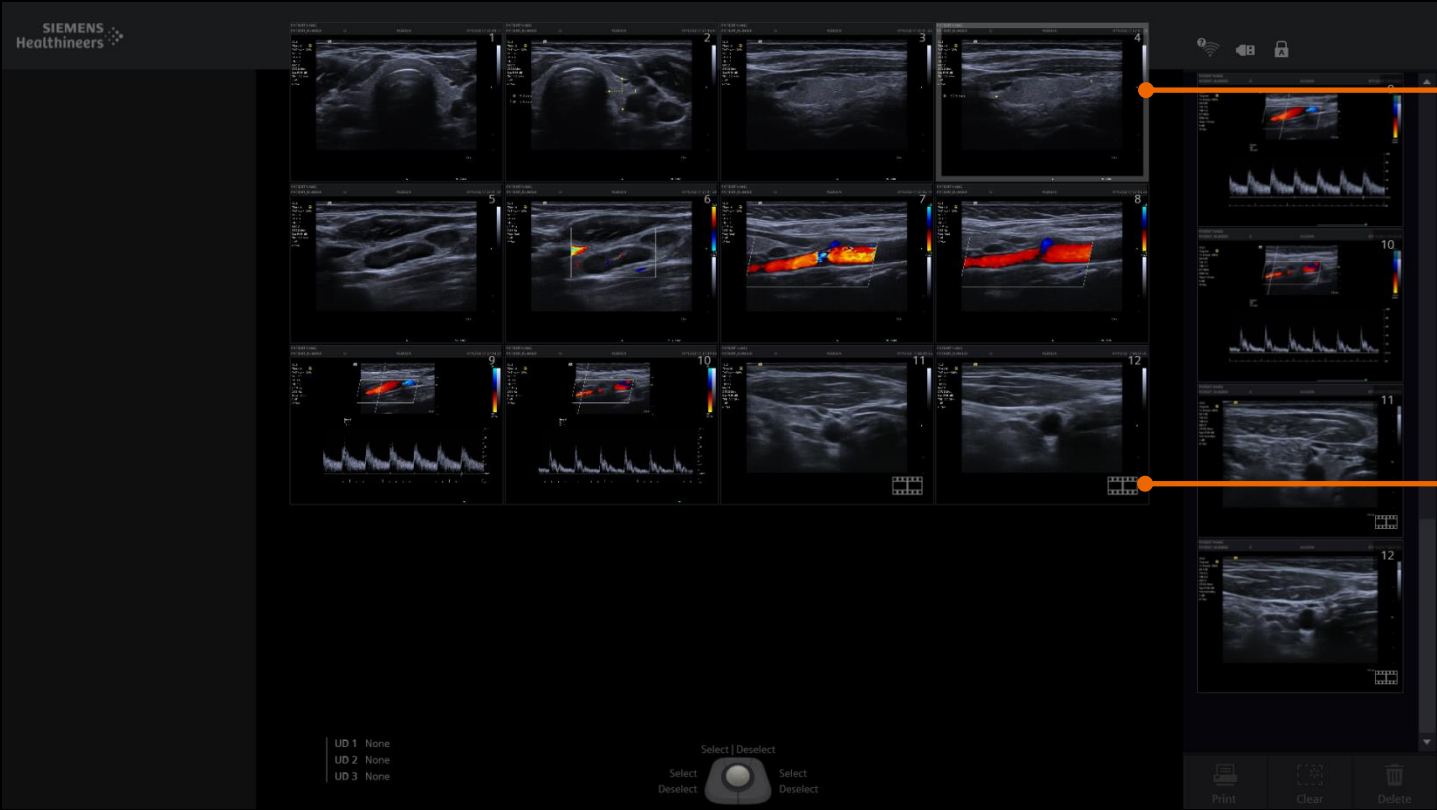
Viewing clips Touch Screen options
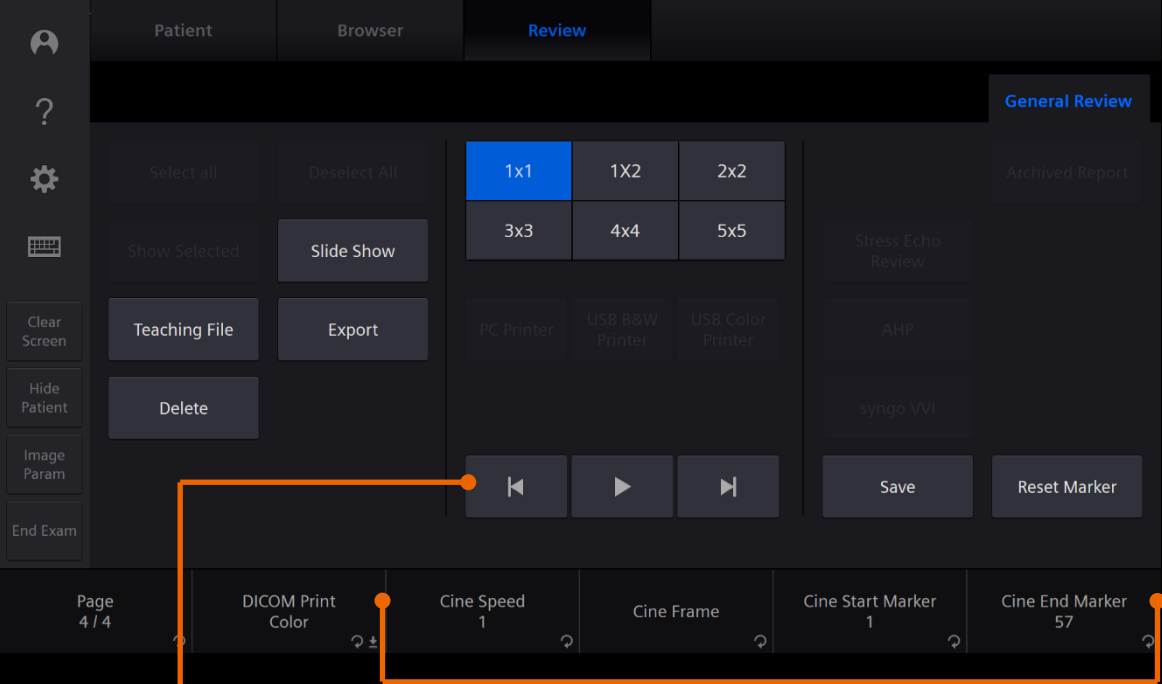
Play / Pause

Cine controls

Clip start marker

Current frame marker

Clip end marker

Slide show

Teaching file

Patient | Browser

Select all | Deselect All

Show Selected | Slide Show

Teaching File | Export

Delete
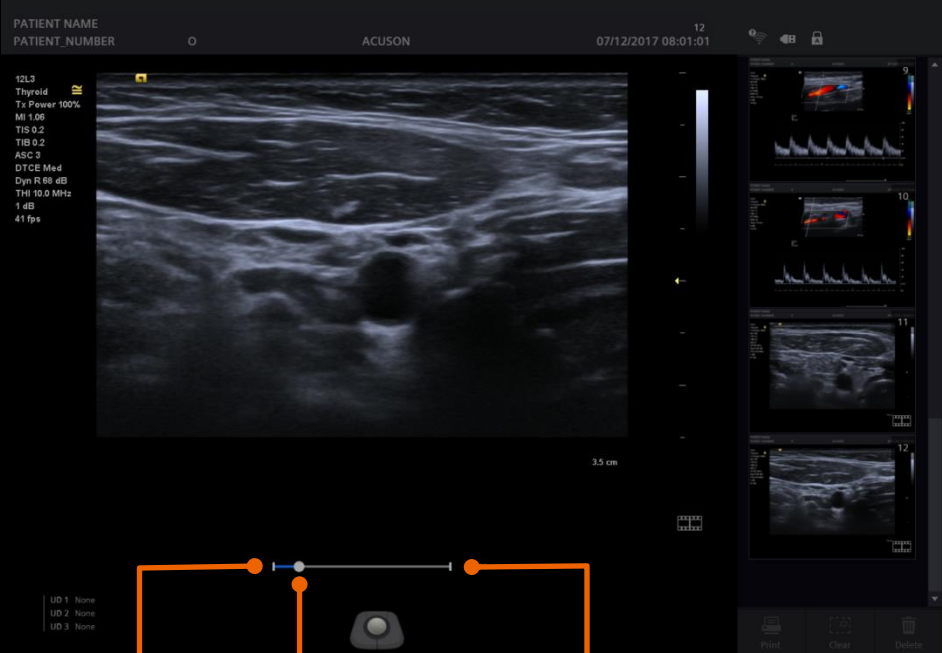
Clear Screen

Hide Patient

Image Param

End Exam

Page 2 / 2

DICOM Print Color

Teaching File

Select Teaching File

Teaching File Name	Clips	Images

Append

File Name

My Teaching File | New

Status

Close
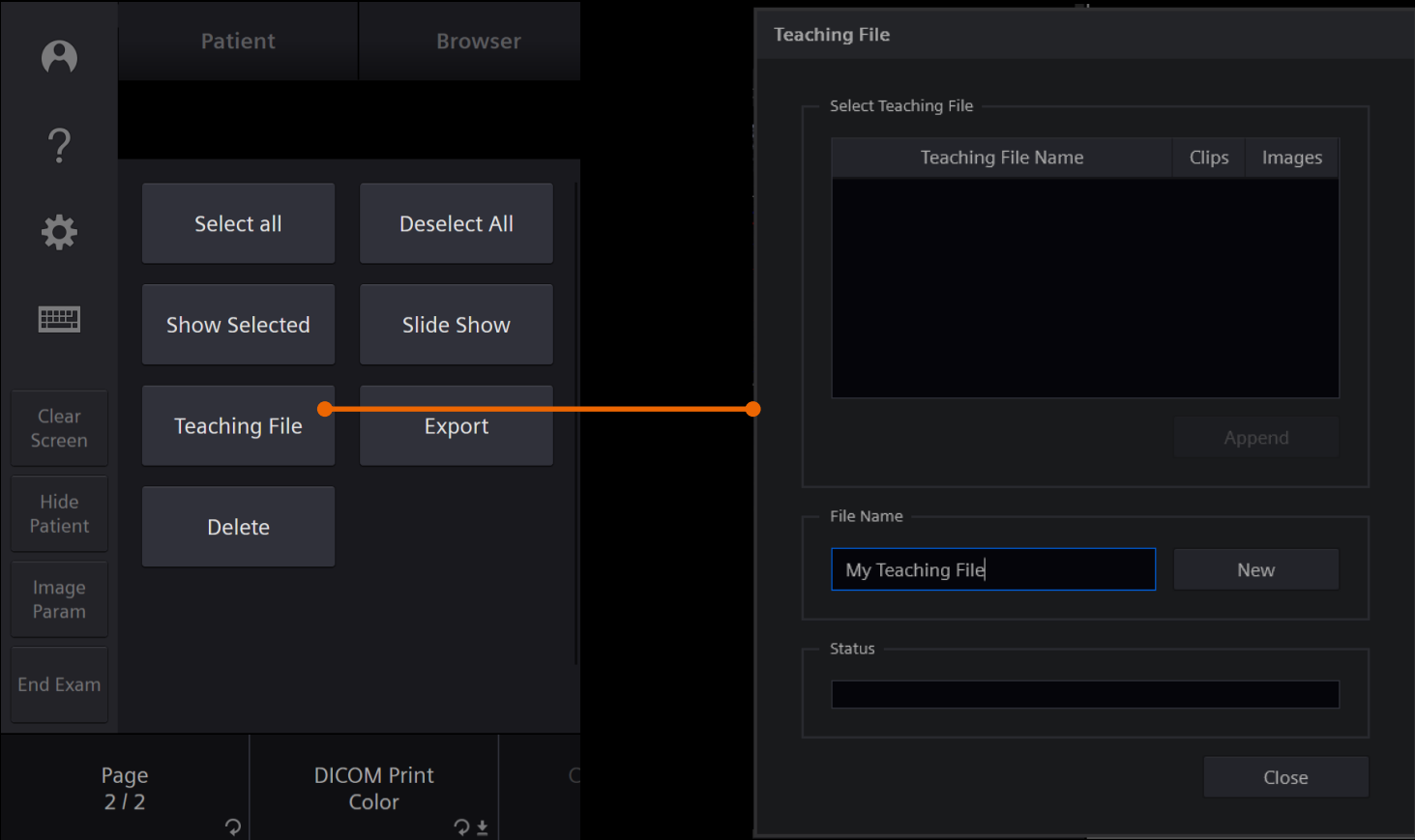
Export from patient browser
USB or CD / DVD

Import studies from USB or CD–R / DVD

Objectives

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- Review the steps to edit / restart an exam
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- Produce customized exam presets
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- **Perform the steps to end exam**
- Discuss backup and restore

End Exam

To end an exam:

Select **End Exam** on the Touch Screen
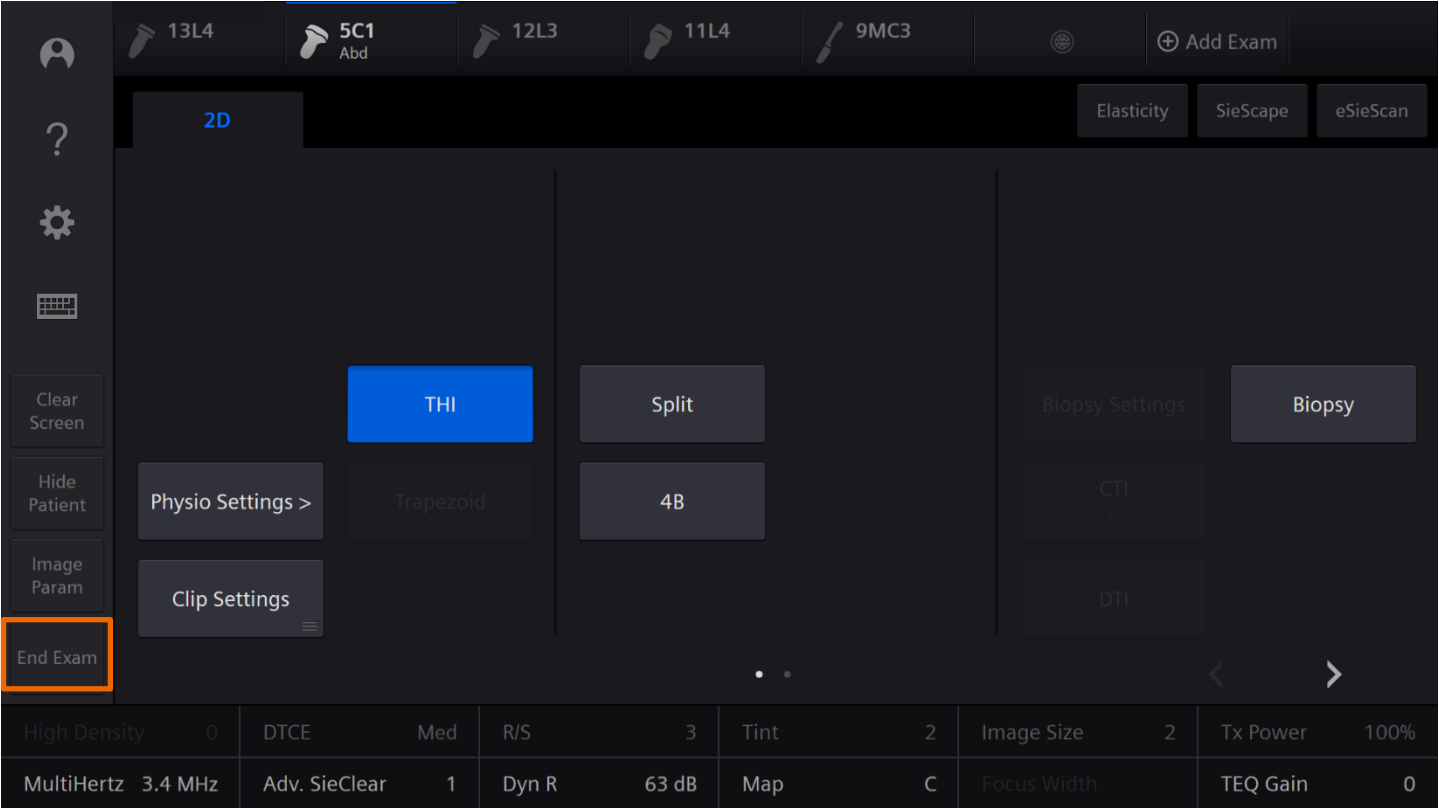
Objectives

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- Perform the steps to end exam
- **Discuss backup and restore**

Back-up and restore presets

Back-up and restore presets

Service

Remote

Remote Assistance

Please enter Service Key

OK

Upload / Enter new Service Key
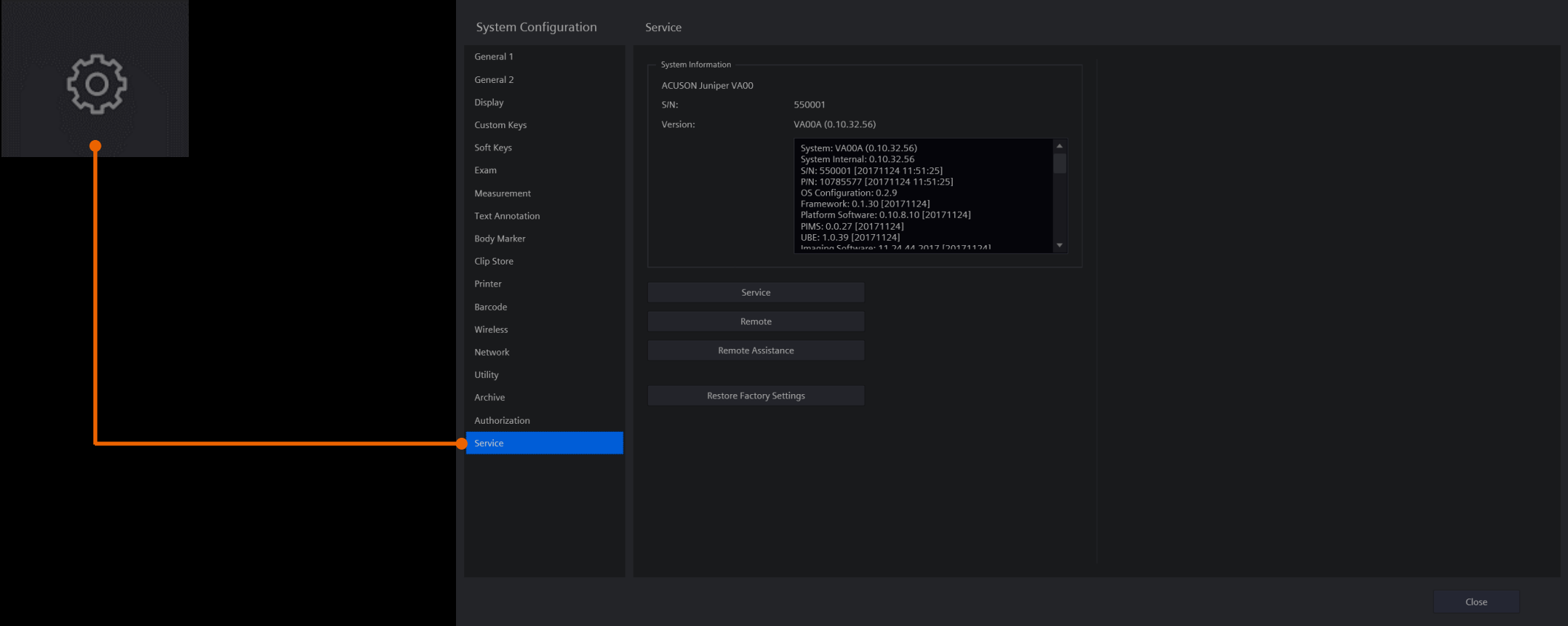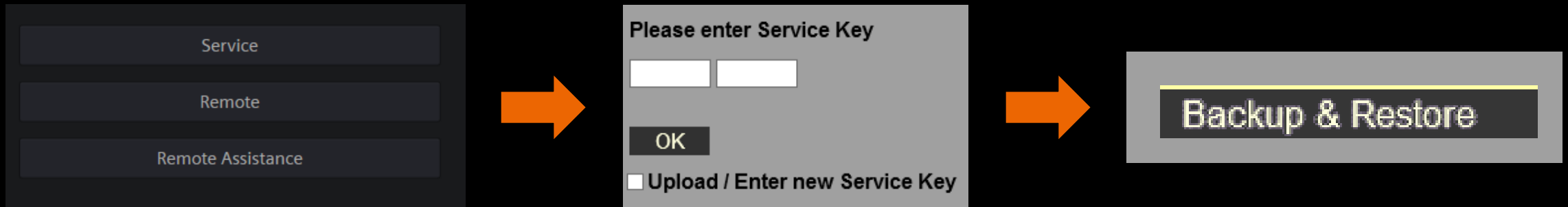
Backup & Restore

Select **Service** to open the Service Software page

Select **OK**

Select **Backup & Restore** to move to next step

Backup

Backup

Name	Description
☑ Juniper eSieScan Workflow Protocol[1.00.000]20200	eSieScan Workflow Protocol
☑ Juniper License Info[1.00.000]20200510162041	License Information
☑ Juniper M&R User Defined[1.00.000]2020051016204	M&R User Defined Settings
☑ Juniper Security Settings[1.00.000]20200510162041	Security Settings
☑ Juniper Service Image[1.00.000]20200510162041	Service Images
☑ Juniper Service Log[1.00.000]20200510162041	Service Logs
☑ Juniper Service Test Report[1.00.000]202005101620	Service Test Report
☑ Juniper Stress Echo[1.00.000]20200510162041	Stress Echo
☑ Juniper System Preset[1.00.000]20200510162041	System Configuration
☑ Juniper User-Defined Exam[1.00.000]202005101620	User defined Exam
☑ Juniper Wireless[1.00.000]20200510162041	Wireless Settings

Select all   Deselect All   Destination [E:]

Backup   Close

Restore

SELECT
Backup
Restore

Name	Description
Juniper 4D SubPresets[1.00.000]20200510162041	3D or 4D Settings
Juniper eSieScan Workflow Protocol[1.00.000]20200:	eSieScan Workflow Protocol
Juniper License Info[1.00.000]20200510162041	License Information
Juniper M&R User Defined[1.00.000]2020051016204	M&R User Defined Settings
Juniper Security Settings[1.00.000]20200510162041	Security Settings
Juniper Service Image[1.00.000]20200510162041	Service Images
Juniper Service Log[1.00.000]20200510162041	Service Logs
Juniper Service Test Report[1.00.000]202005101620	Service Test Report
Juniper Stress Echo[1.00.000]20200510162041	Stress Echo
Juniper System Preset[1.00.000]20200510162041	System Configuration
Juniper User-Defined Exam[1.00.000]202005101620	User defined Exam

Select all   Deselect All   Destination   [E:]

Restore   Close

Summary

- Demonstrate patient registration
- Review the steps to edit / restart an exam
- Demonstrate workflow selections
- Produce customized exam presets
- Identify review functions
- Perform the steps to end exam
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Questions?