MedDream DICOM Viewer v8.3.1

IHE XDS-I.b PASSED

FDA CLEARED K222320 510(k)

CE 0197 Class IIb certified

NEW RELEASE

8.3.1 medDream

HTML5 ZERO-FOOTPRINT DICOM Viewer

IMPROVEMENTS

Multi-frame images navigation

The shortcut Arrow left/right button will allow to navigate through frames.

Link scrolled series in Distance mode

Synchronized scrolling across series, based on matching anatomical locations from a reference image.

API

Communication API

Added features: a control mechanism was created which allows to hide the specific functions from the toolbar.

NEW FEATURES

Presenter tool

For marking an area of interest in the viewport during presentation. Presenter tools: Fading line, Fading arrow, Draw, Clear All, Laser Pointer, selecting from 5 colors.

Multi series layouts

For quickly browsing through the series of the study. Select the option from Multi image/series drop-down list to open the selected number of series in the active viewport.

NEW MEASUREMENTS

Ruler

New feature to show the rulers at the bottom and on the left side of the viewport.

Line

Possibility to align the line vertically or horizontally while drawing by holding ALT button pressed.

NEW REGISTRATION

Malaysia
Class IIb

Added registration in Malaysia: MedDream is now registered as an IIB class medical device in Malaysian market.

MedDream DICOM Viewer v8.3.1.

Release date: 2023-12-15.

Release notes:

- **New functionality - Ruler in the viewport. Possible to enable/disable.**
- **New functionality - Multi series layouts for quickly browsing through the series of the study.**
- **New functionality - Presenter tool.**
- Improved bottom left viewport labels - image distance and scan direction displayed for CT, MR, PT, and NM series.
- **Improved Link scrolled series functionality - added synchronized series scroll option based on the selected same body place image in these series.**
- New Hanging protocols v2 version - functionality of first Hanging protocols fully covered; implemented the possibility to navigate through several comparison studies and use multi-series layouts; implemented saving and loading of visual and spatial transformations applied in hanging protocol viewports when browsing through the series/comparison studies in the hanging protocol or browsing through the different hanging protocols.
- Improved Line measurement - holding "ALT" pressed while drawing, aligns the line vertically or horizontally.
- Improved Segmentation Bounding Box functionality - added edges length parameter to the Bounding Box tool.
- Improved FAST scroll between series functionality - configurable modality checking added, and fast scroll functionality enabled on Go to previous and next image shortcuts (Up and Down arrows).
- **Improved Multi Frame images navigation - the shortcut arrow left / right will allow the user to navigate through frames.**
- Improved Digital subtraction functionality - It will be possible to enable/disable digital subtraction manually.

MedDream DICOM Viewer v8.3.1.

Release date: 2023-12-15.

Release notes:

- Fixed "Auto open annotations" problem with incorrect showing of saved measurements when multiple presentation states are displayed at a time.
- Fixed wrong split to phases in US series.
- Improved KO/PR saving - implemented to Save KO/PR SC using original SourceAE.
- Improved KO/PR saving - added user information on saving PR (part 1).
- **Improved Communication API - created a control mechanism to hide unwanted toolbar menus, e.g. to hide the DICOM menu item.**
- Updated dependencies and 3rd party libraries.

Known limitations:

- Internet Explorer 11 is not supported.
- Mozilla Firefox browser has certain memory limitations: MIST MPR functionality will fail on series where uncompressed DICOM data is larger than 2 GB.
- The Live Share feature may not display images accurately; please avoid using Live Share until future releases when the functionality will be fixed.

Known bugs:

- Safari and Firefox problems: preview is not working for some video studies because of these browsers' limited video format support.

New feature: Presenter tool

 For marking an area of interest in the viewport during presentation.

Presenter tools:
- Fading line;
- Fading arrow;
- Draw;
- Clear All;
- Laser Pointer;
- Selecting from 5 colors.

Configurable in user Settings:

Presenter Settings

Line Thickness	7
Fade Out Time, s	2
Line Colors	▪ #D7210D
	▪ #888103
	▪ #0069C5
	▪ #FF8500
	▪ #540082

Theme Key O... Share ... Multi i... Plugins Crossh... 4D Tools Presen...

- ···— Fading Lines
- ···→ Fading Arrows
- ─── Draw
- 🗑 Delete All Lines   Escape
- ✦ Laser Pointer
- ▪ Select the Color
- ▪ Select the Color
- ▪ Select the Color
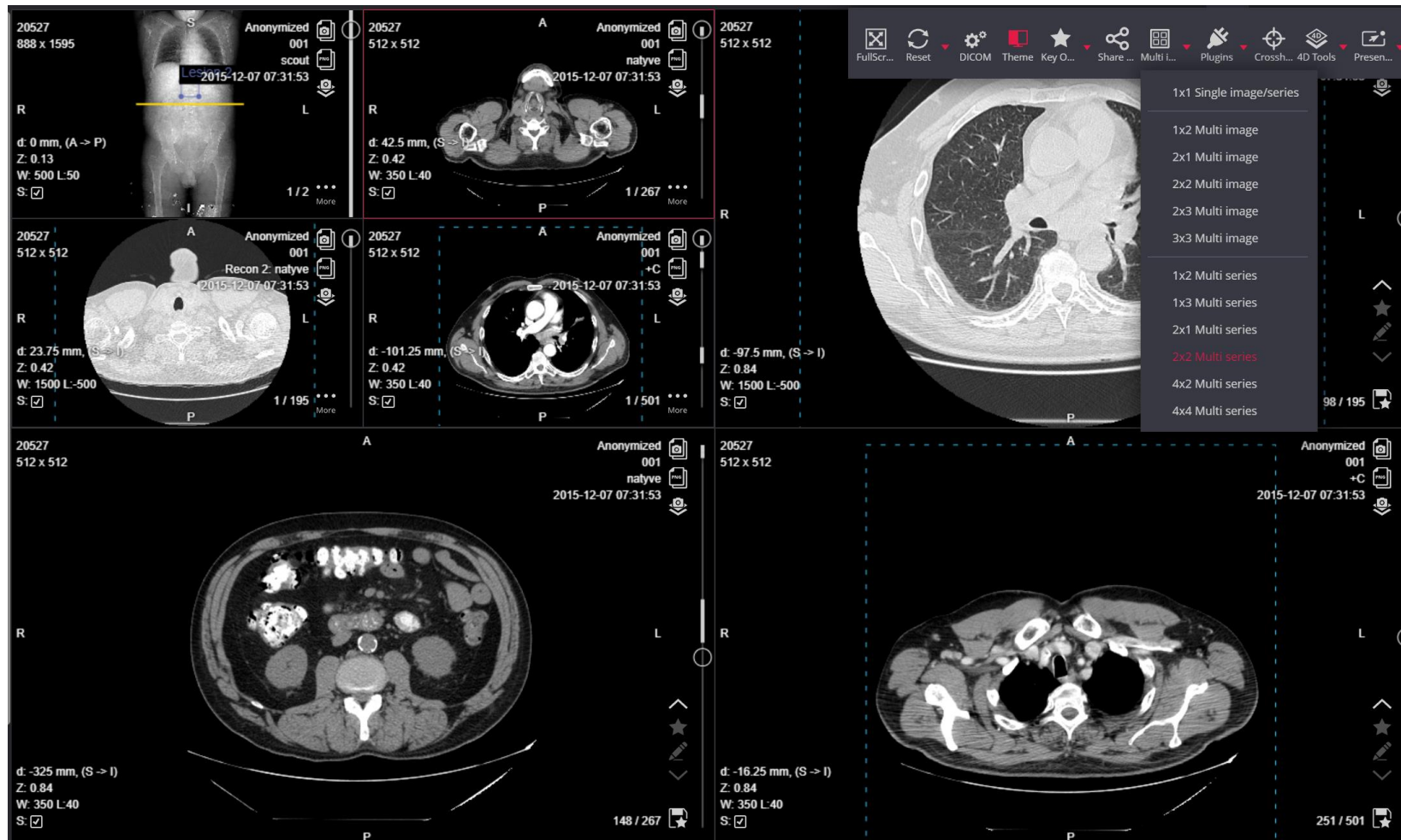- ▪ Select the Color
- ▪ Select the Color

L
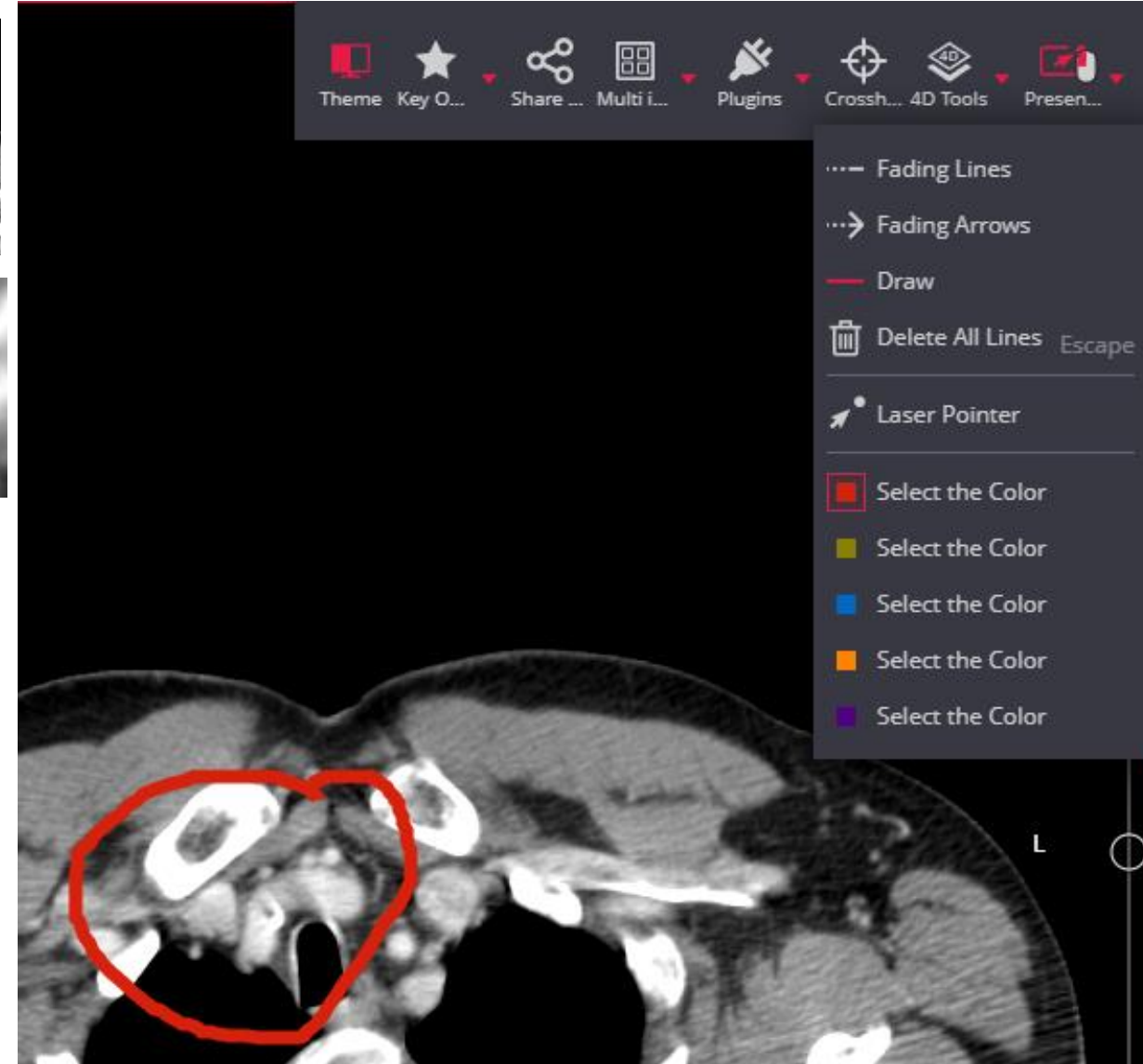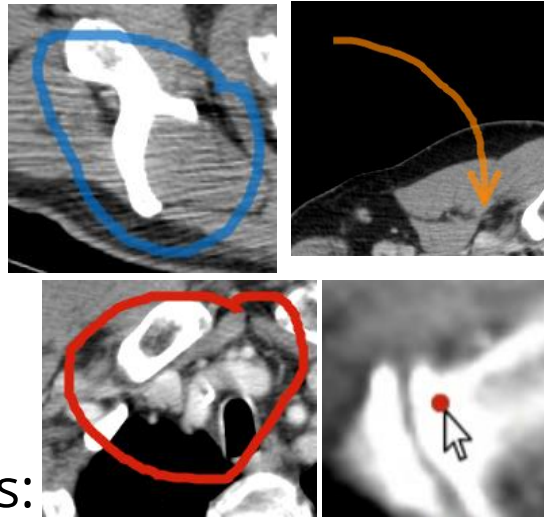
New feature: Multi series layouts

Multi series layouts

For quickly browsing through the series of the study. Select the option from Multi image/series drop-down list to open the selected number of series in the active viewport.
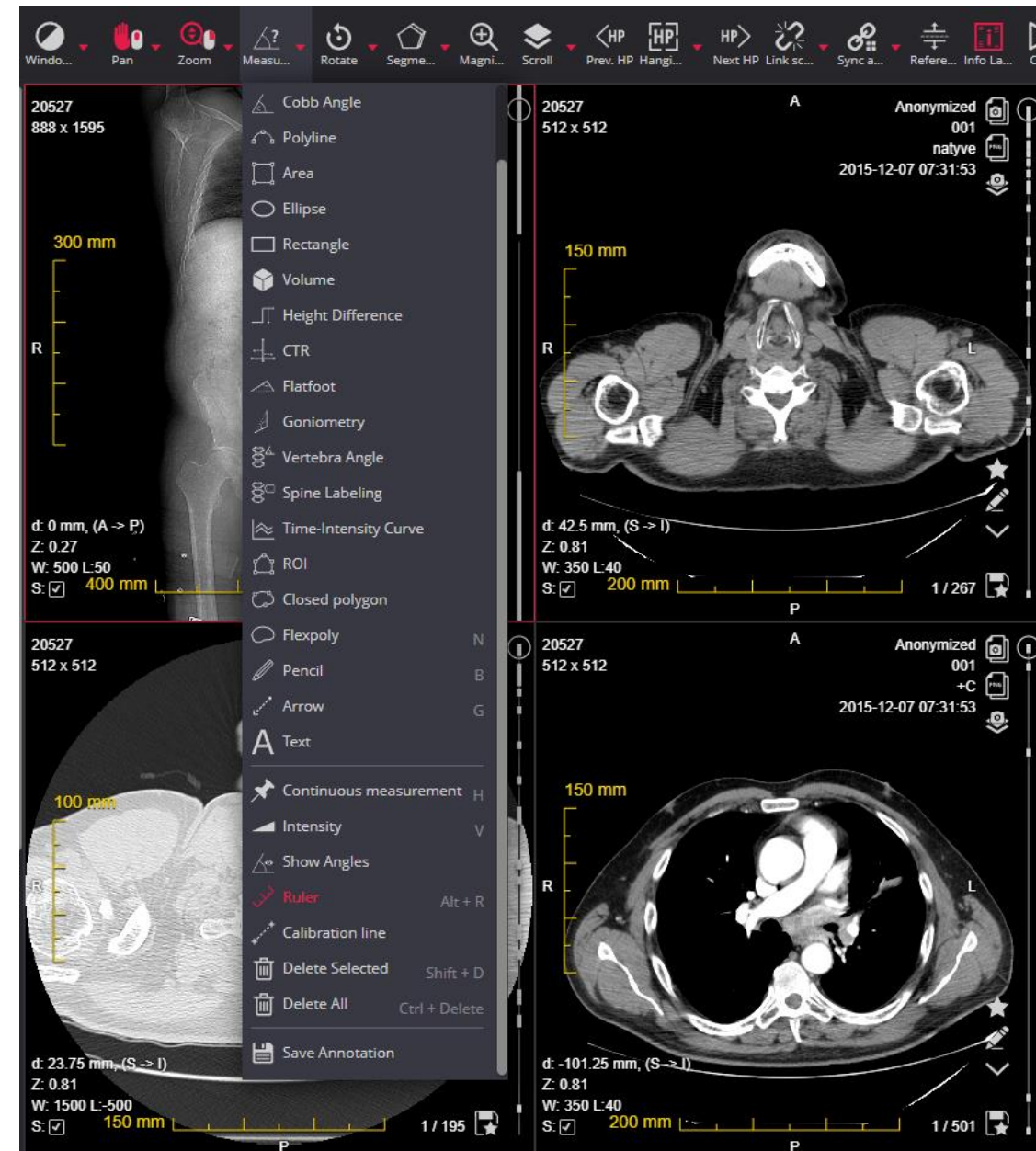
New measurement: Ruler

Ruler:

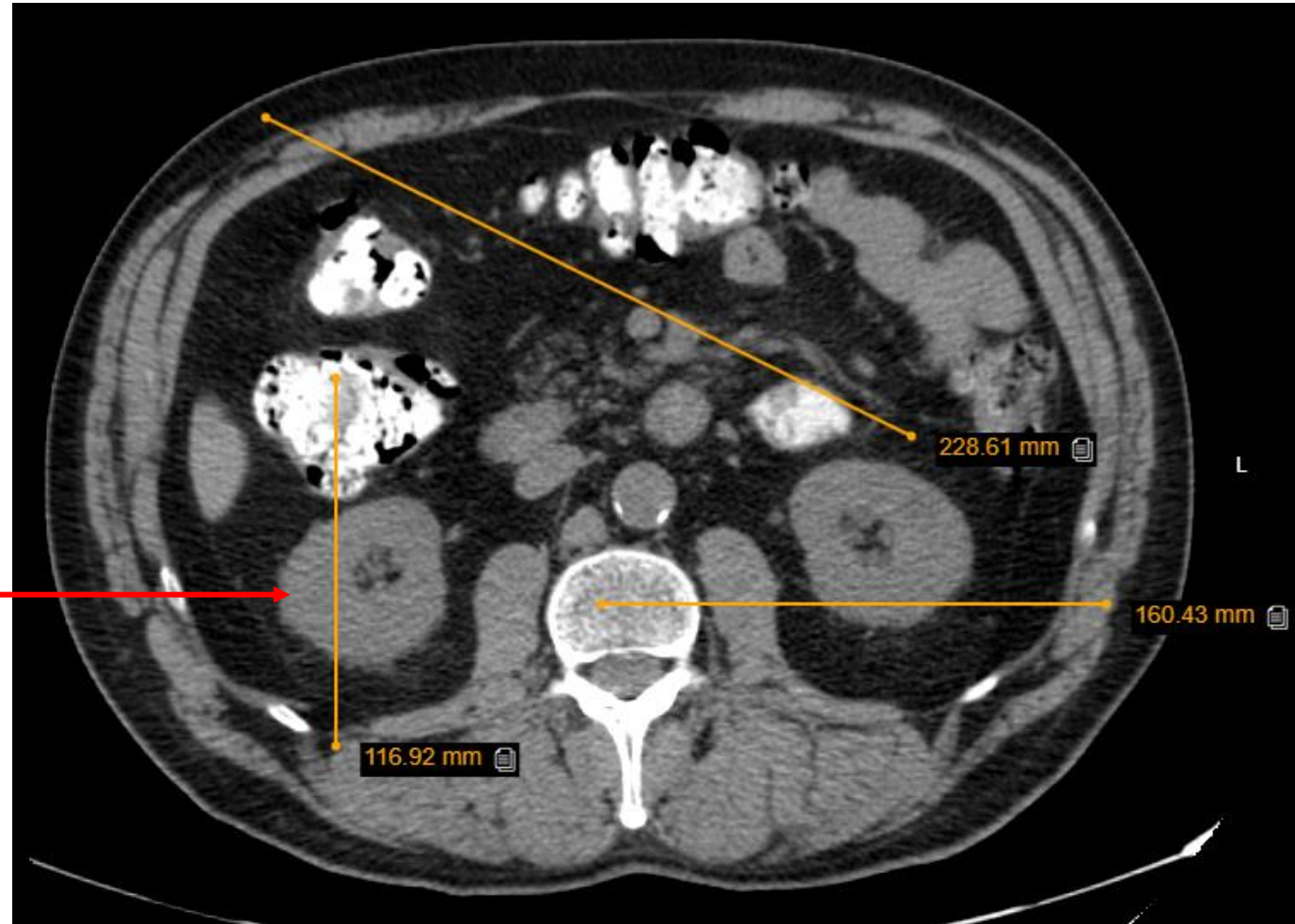New feature to show the rulers at the bottom and on the left side of the viewport.

Measurement: Line

Line:

Possibility to align the line vertically or horizontally while drawing by **holding ALT** button pressed.
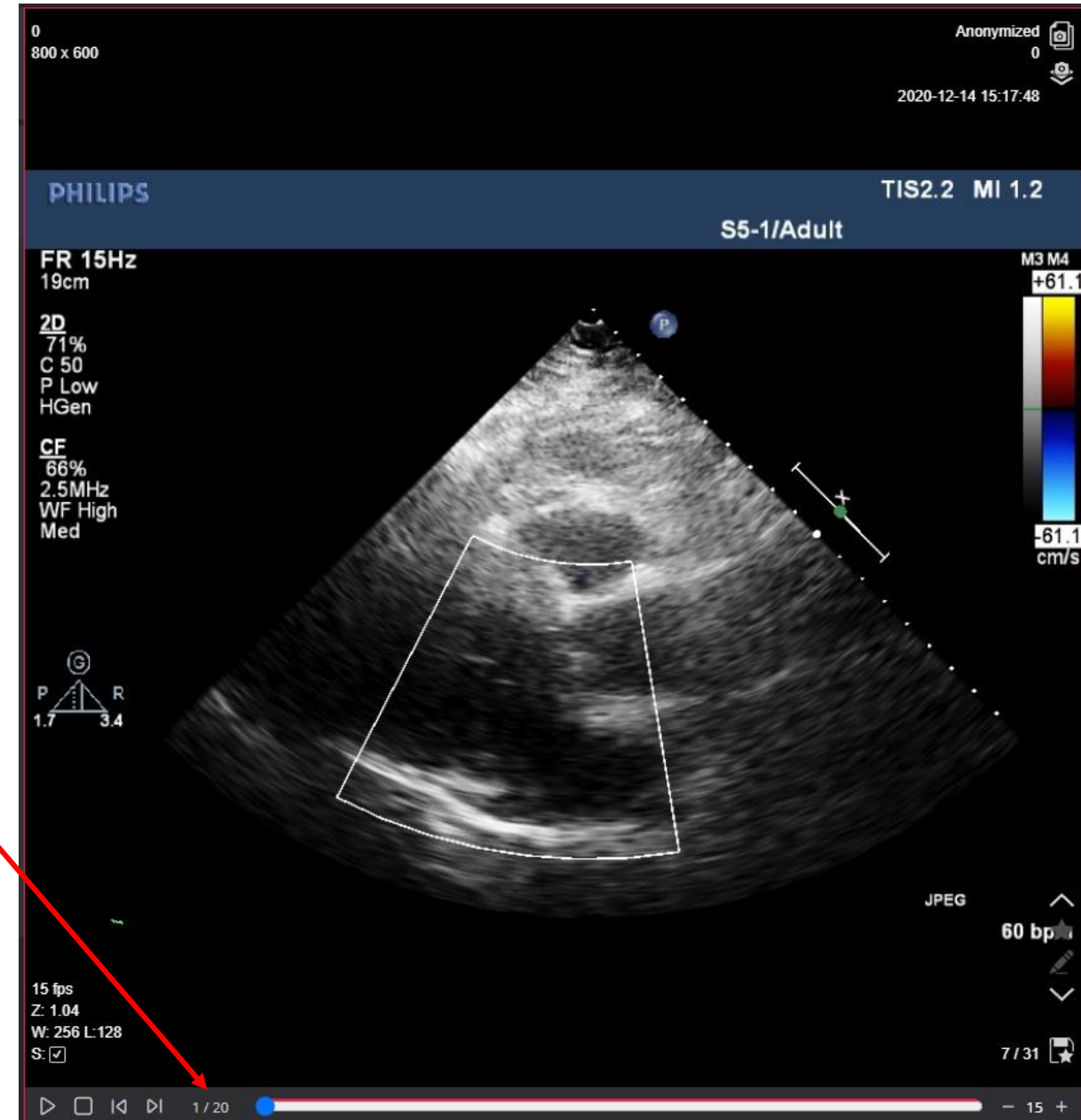

228.61 mm

160.43 mm

116.92 mm

L

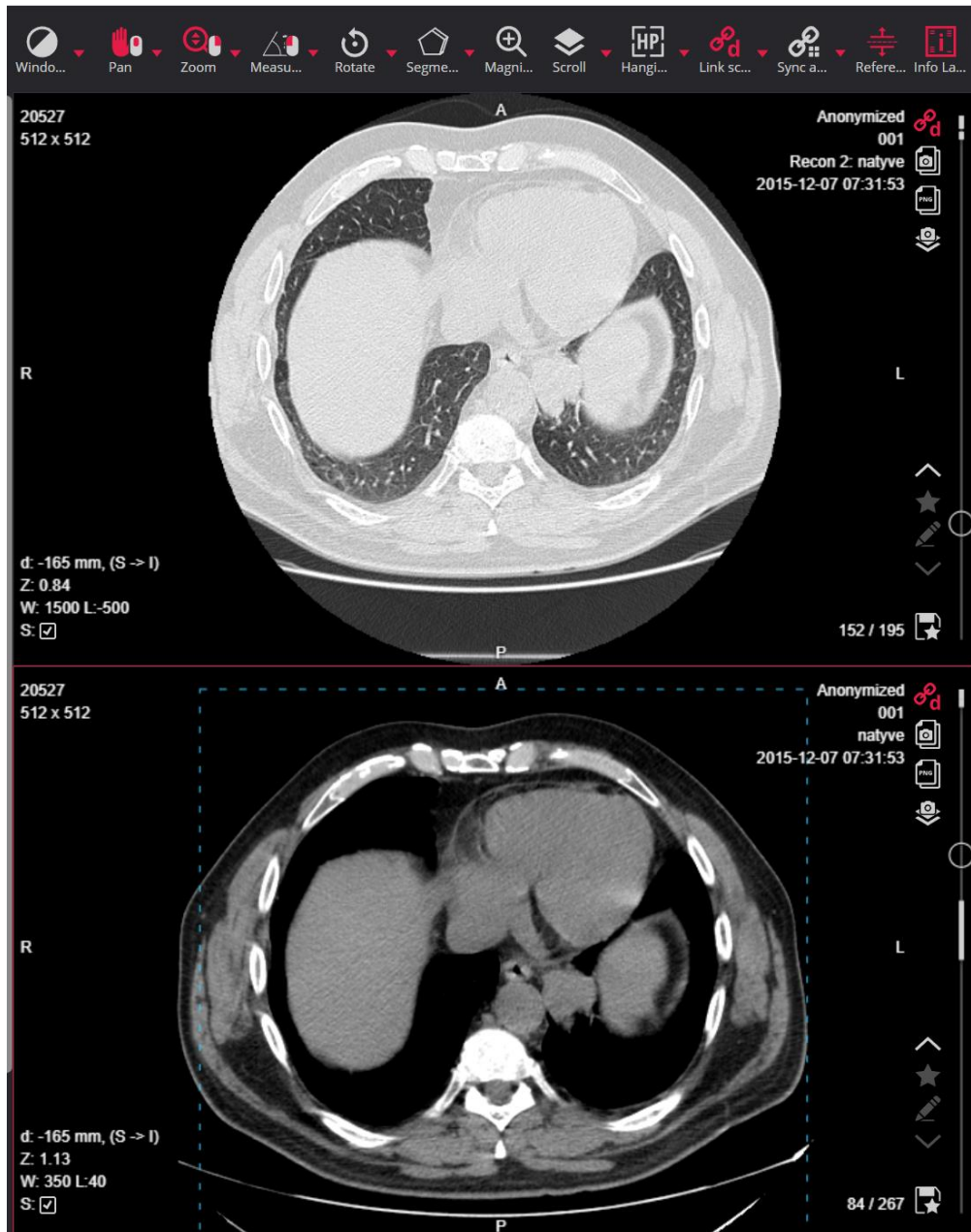# Improvement: Multi-frame images navigation

Multi-frame images navigation

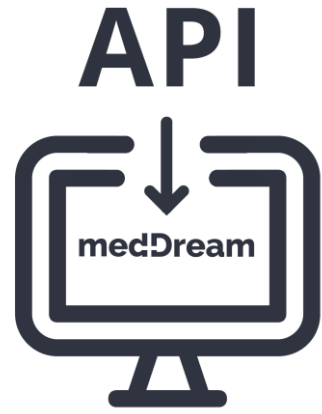The shortcut **Arrow left/right** button will allow to navigate through frames.

Improvement: Link scrolled series in Distance mode

Link scrolled series in Distance mode

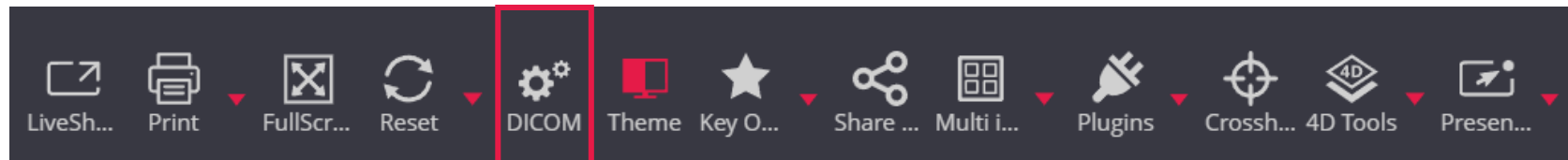Synchronized scrolling across series, based on matching anatomical locations from a reference image.
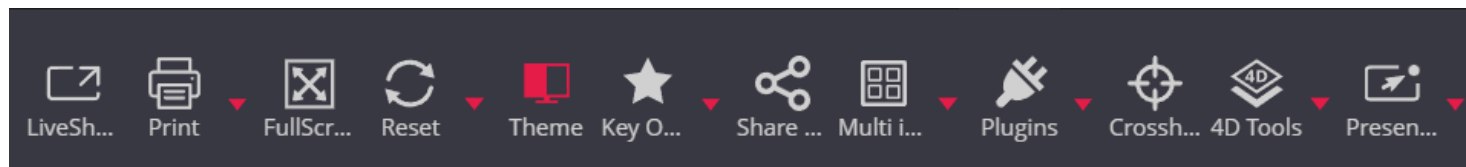
Improvement: Communication API

Communication API.

Added feature:

A control mechanism was created which allows to hide the specific functions from the toolbar.

DICOM feature is hiden from toolbar:

New registration: MedDream is registered in Malaysia!

medDream™
by Softneta Company

Malaysia
Class IIb

Added Class IIB registration in Malaysia:

MedDream is now registered as an **IIB class medical device** in Malaysian market.