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RADIOLOGY INFORMATION SYSTEM

PICTURE ARCHIVING
&
COMMUNICATION SYSTEM

What is RIS | PACS?

- Universal tool for automation of diagnostic departments

- This system allow the physician to analyse process and archive the visual information created on medical diagnostic equipment, i.e.: MRI, Ultrasound, X–ray etc

- Fully searchable through the electronic archive and other RIS stations

- Creation of images related to: Skeletal structure, blood vessels, muscular, skin, 3D MIP | MIR, structure of heart & vessels, lungs, brain etc

- Automatic recording of images received from Diagnostic devices in DICOM or analogue format

- Full integration to the HIS patient data

- Optimum ratio – price | quality

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Who needs RIS | PACS?

Specialist diagnosis

Board / Manager

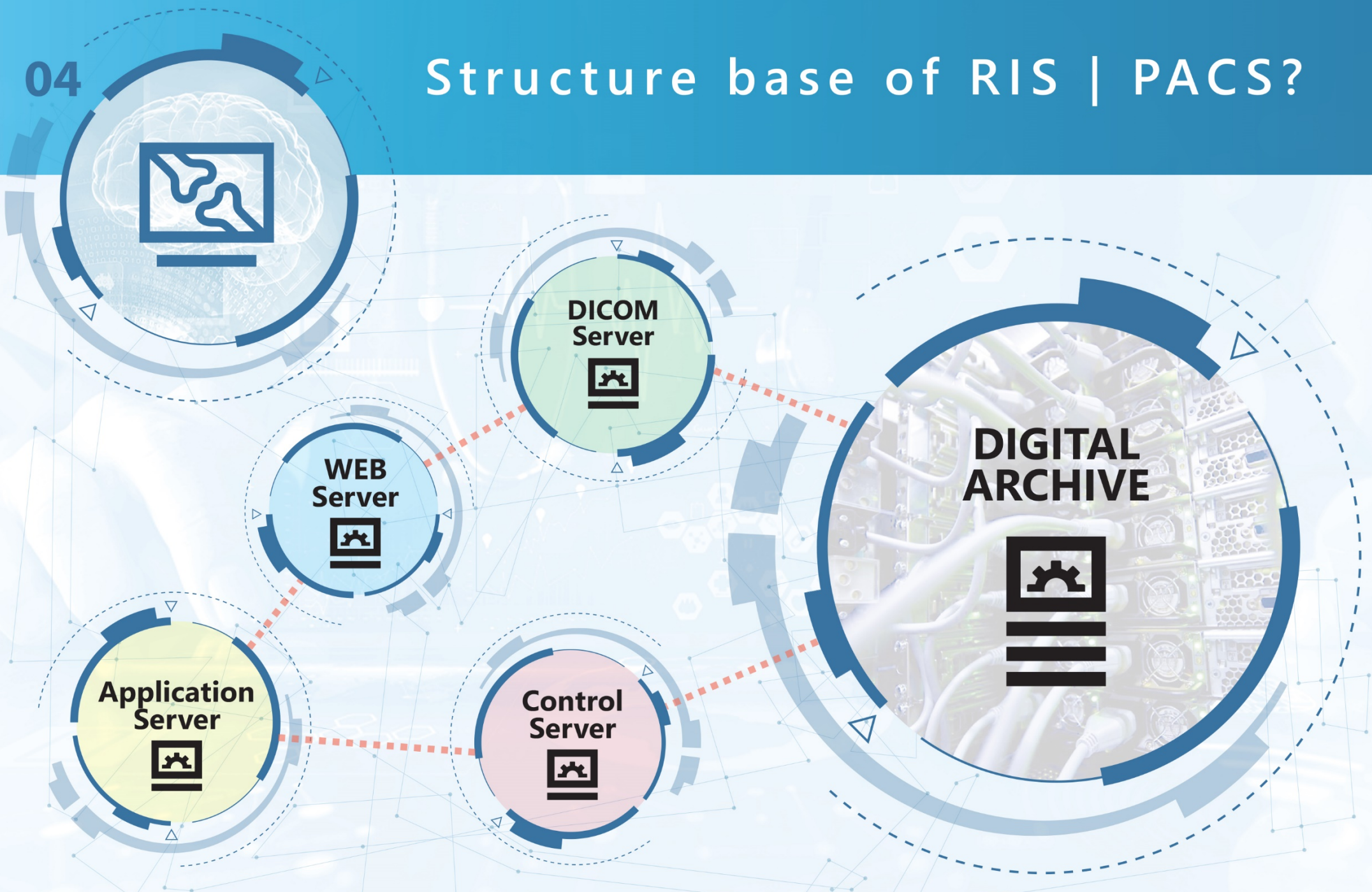**Physicians**

Where and how to use RIS | PACS?

Prophylaxis – Diagnosis

Treatment process – Control and monitoring
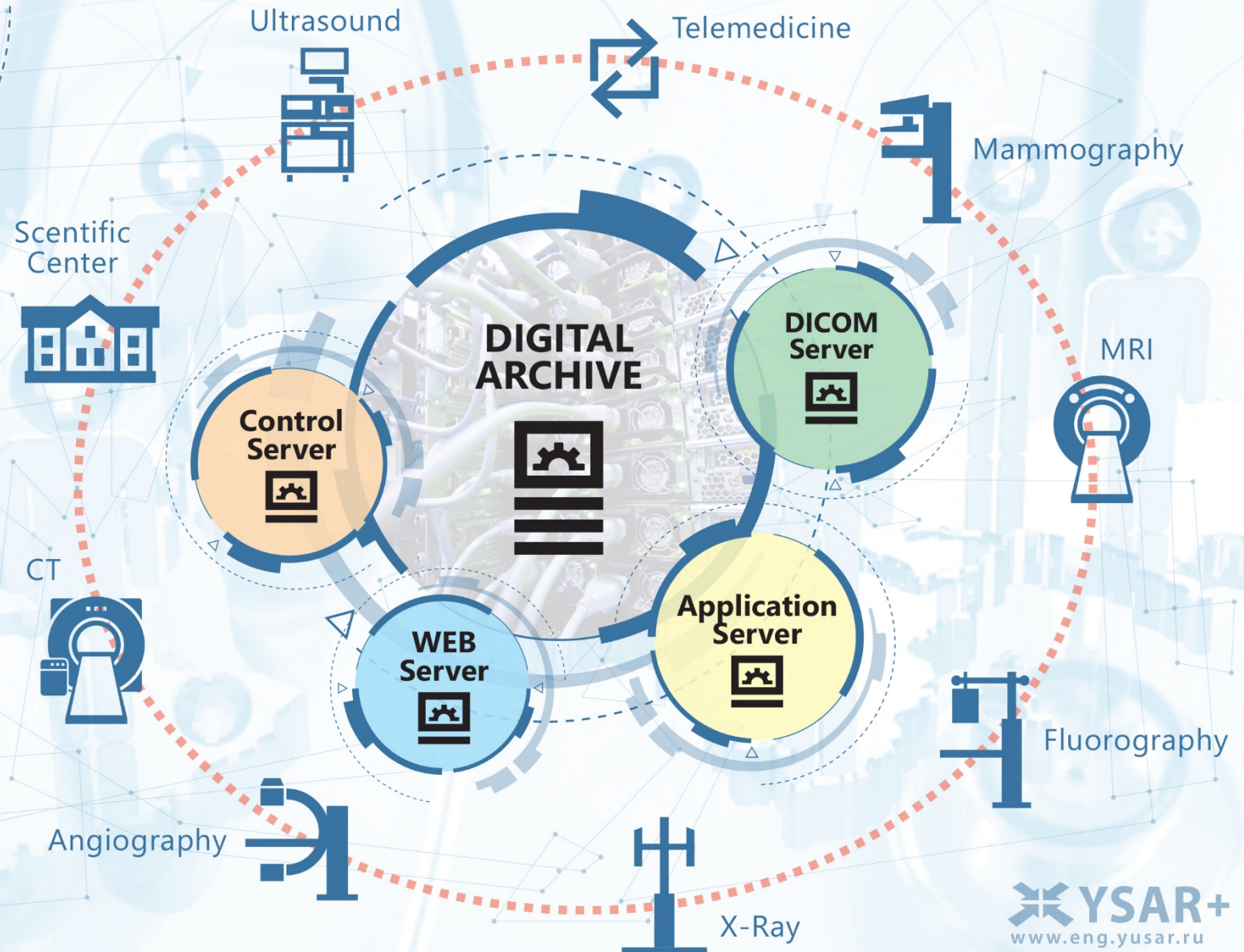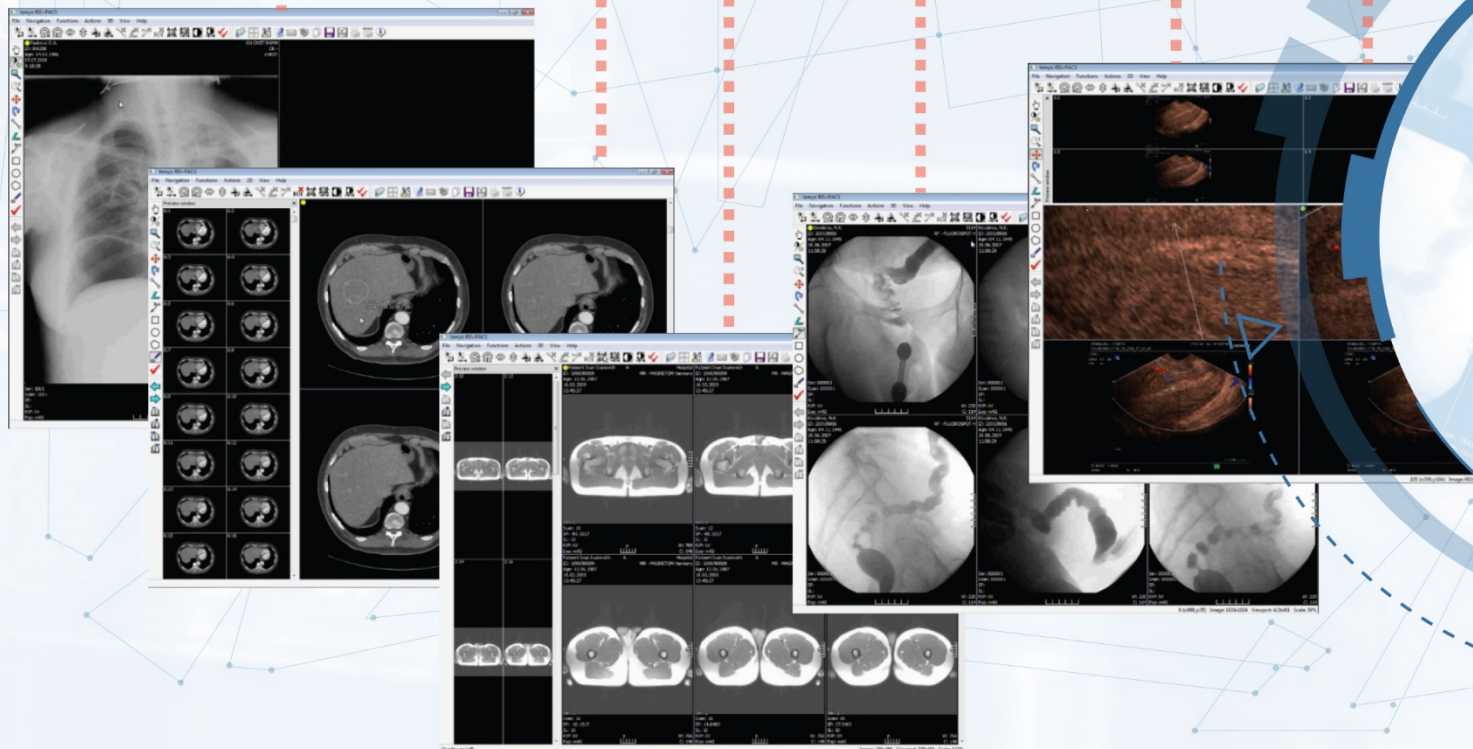
Telemedicine - Remote consultations

DICOM Server

WEB Server

Application Server

Control Server

DIGITAL ARCHIVE

RADIOLOGY INFORMATION SYSTEM
Picture Archiving and Communication System
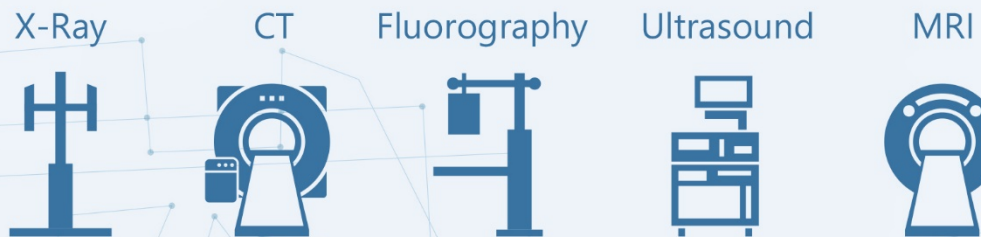
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Structure of RIS | PACS

- Full support **DICOM** protocol
- Compatibility **Windows, Linux**
- Provides up to **1000** connections
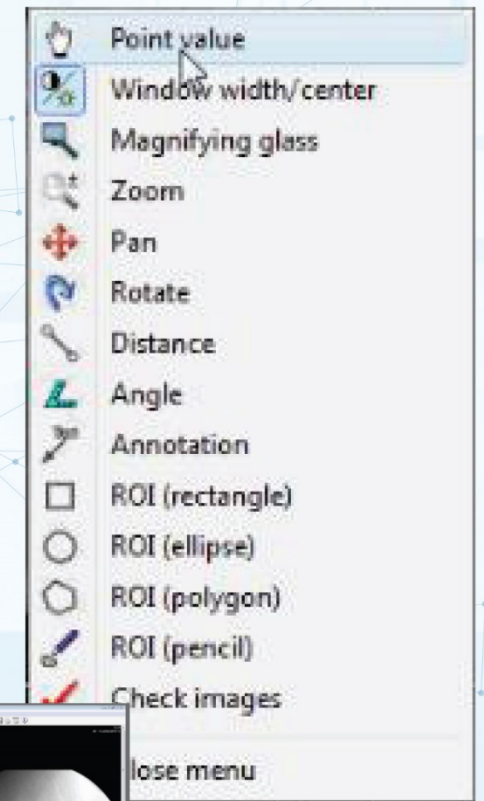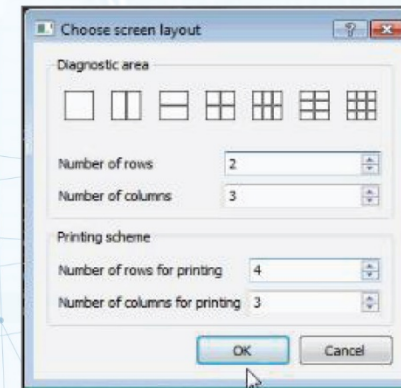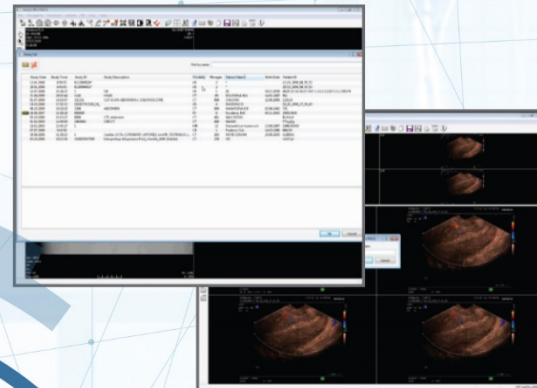- Converter **analogue** format
- **Multilanguage** support

Ultrasound

Telemedicine

Mammography

Scentific Center

MRI

DIGITAL ARCHIVE

DICOM Server

Control Server

CT

WEB Server

Application Server

Fluorography

Angiography

X-Ray

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Main function RIS | PACS

X-Ray CT Fluorography Ultrasound MRI

GENERAL ERGONOMIC INTERFACE

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CONVENIENT, CUSTOMIZABLE MENU

Point value
Window width/center
Magnifying glass
Zoom
Pan
Rotate
Distance
Angle
Annotation
ROI (rectangle)
ROI (ellipse)
ROI (polygon)
ROI (pencil)
Check images
Close menu

Main function RIS | PACS

READY
TEMPLATES
FOR
TRANSFER
FUNCTIONS
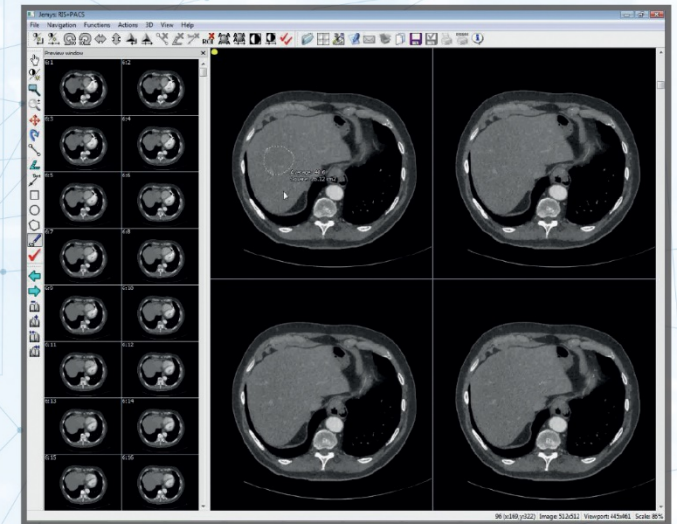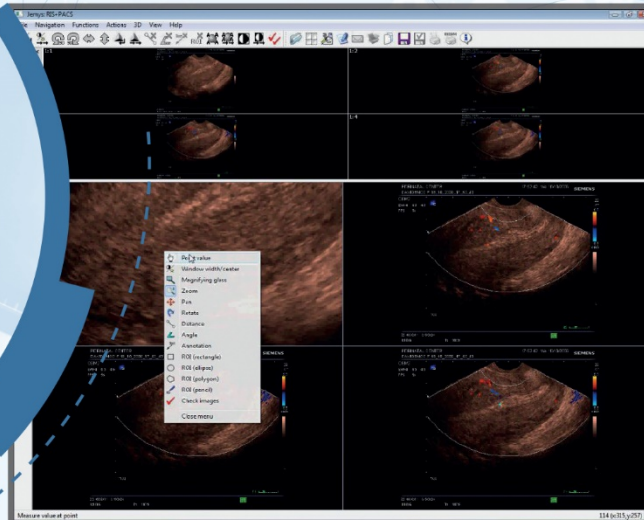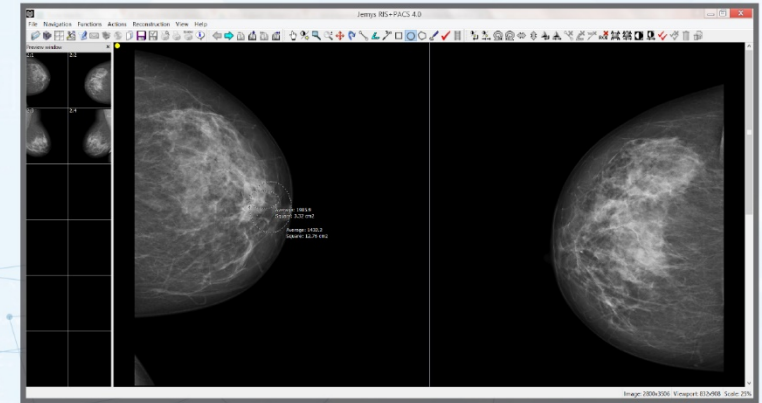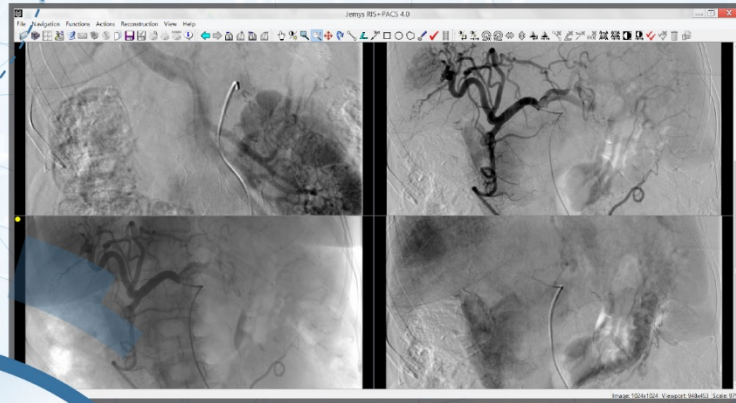
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Main function RIS | PACS

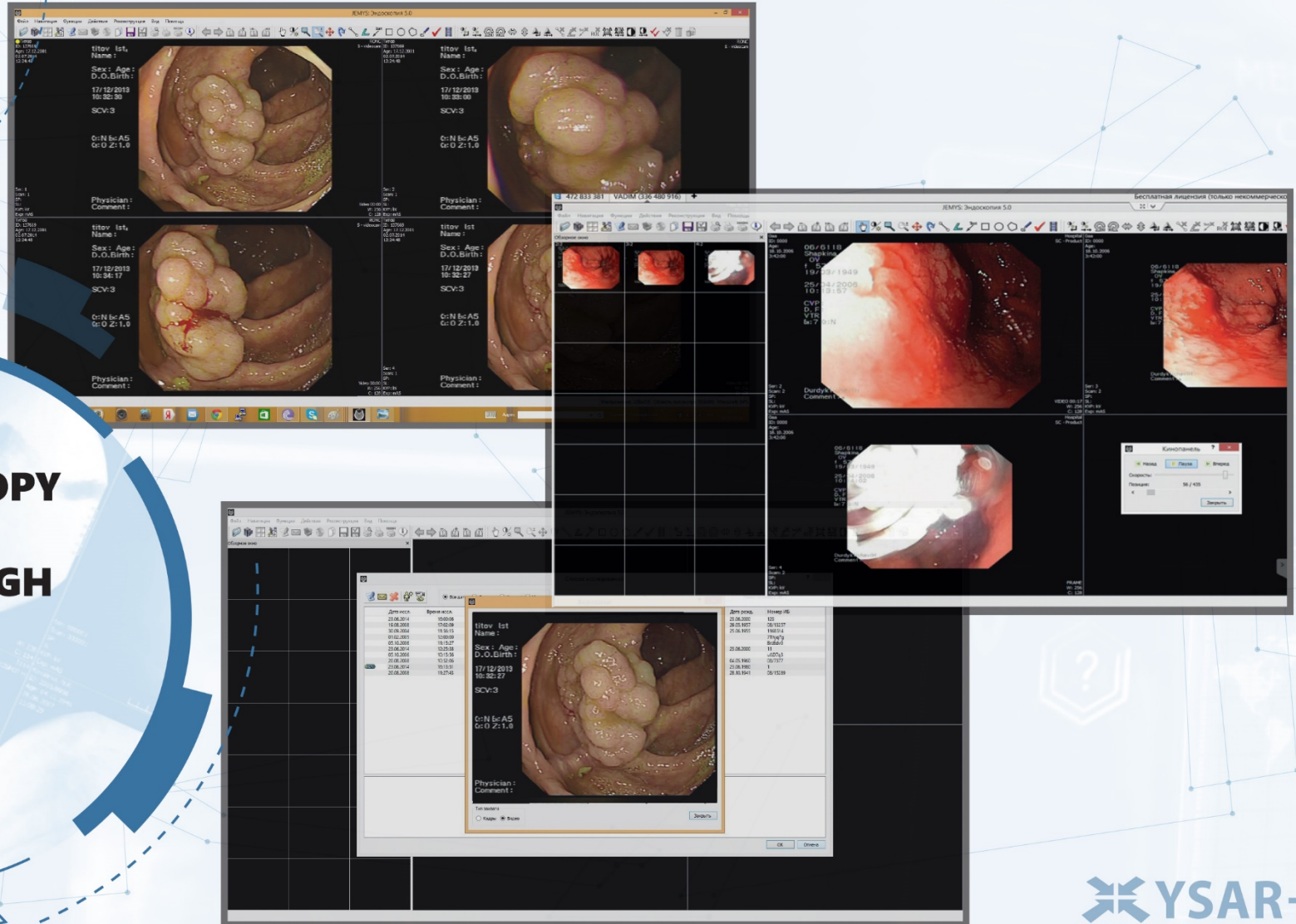
TOOLS FOR TEMPLATE CUSTOMIZATION
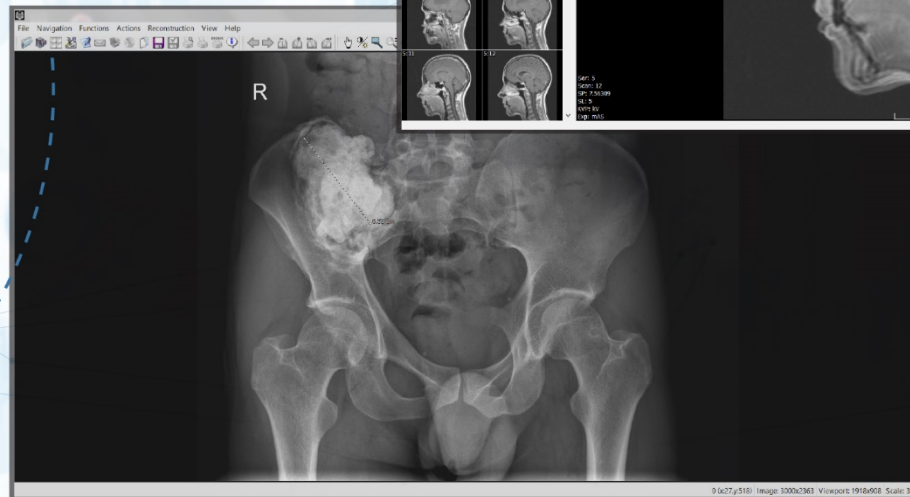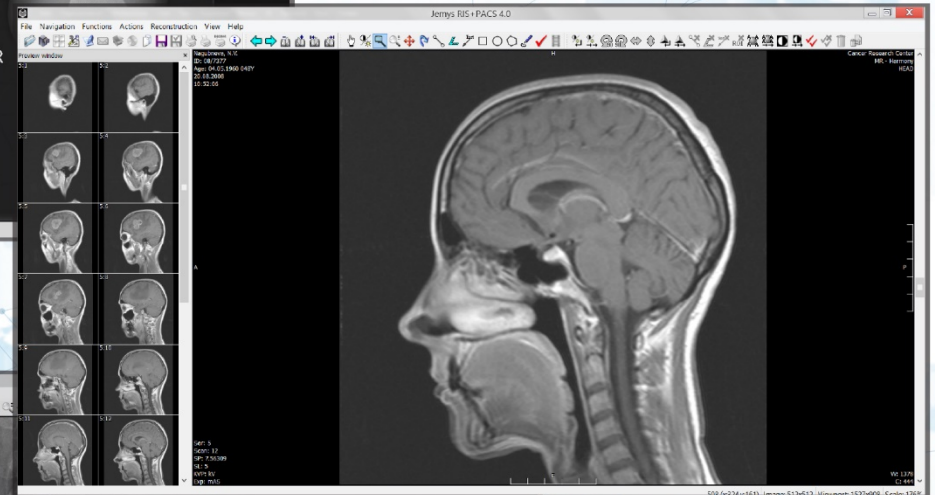
Main function RIS | PACS

VIRTUAL COLONOSCOPY AND FLY THROUGH VESSELS

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Thank you for your attention!

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