

Cloud resource <http://mecovirt.ru> for remote microscopic biomaterial analysis

The <http://mecovirt.ru> website provides users with tools to host, remotely access and analyze digital images of microscopy slides (DIS) types of "virtual slide" (VS) and "gallery" (GOA).

The VS is a panorama of the specimen, formed by continuous shooting of the entire scanning area. The GOA contains groups of sorted portraits of the slide objects that were shot during the slide scanning. Specialized types of object sorting depends on the analysis methodology. The VS and GOA of the MECOS combine production and VS of other manufacturer scanner production can be exported to the mecovirt.ru.

The site visitor's view VS through the built-in mecovirt.ru browser with moving, zooming, focusing, navigating by the map of the VS, with measurements, placing graphic identifiers of objects, chat for collective discussion, formation the conclusion containing with the results of the visitor analysis.

The site visitor's view GOA through the specialized built-in mecovirt.ru browsers according specialized analysis methodology. The browsers provide means of re-sorting portraits of objects by type, object measurements, chat for collective discussion, formation the conclusion with the results of the visitor analysis.

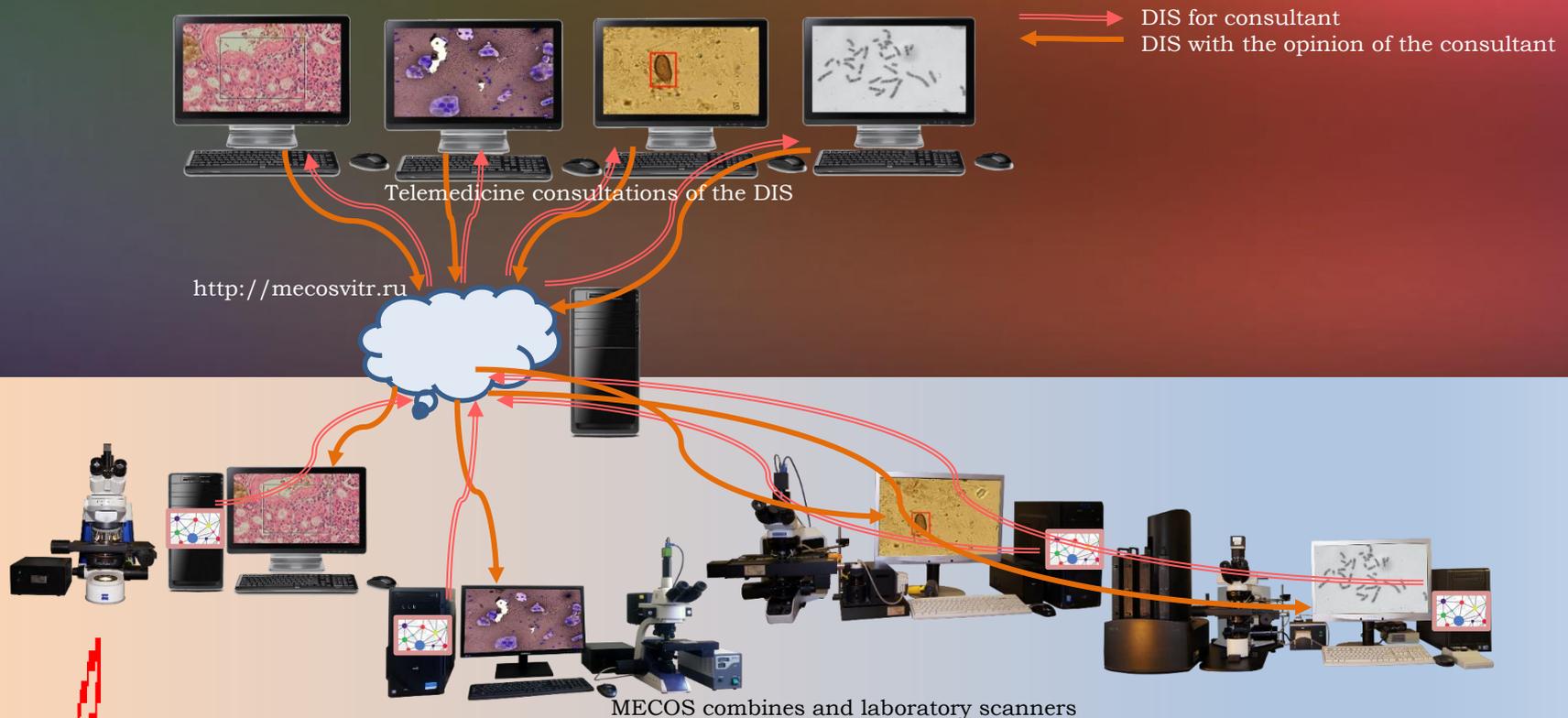
Remote access to their DIS on mecovirt.ru the owners of the DIS can use for consultation, training, quality control, creation of thematic archives.

The integrating resource <http://mecovirt.ru> can be used as a hub for the formation and export of DIS samples to a variety of specialized resources.

You can place your DIS on the mecovirt.ru through a direct export channel from the MECOS combine or through a standard Internet channel. The owners determine the circle of access of visitors to their DIS on mecovirt.ru through passwords.

Telemedicine consultations of microscopic analyses

The mecosvirt.ru site provides laboratories with a convenient and economical opportunity to remotely consult problematic microscopic analyses. To do this, it is enough to place the slide DIS on the mecosvirt.ru page. There is no need to have your own expensive telemedicine server. The laboratory combine of microscopy MECOS (<http://mecos.ru>) has a direct export channel of the DIS of VS or GOA types on mecosvirt.ru. It is also possible to export DIS of the VS type to mecosvirt.ru if the VS produced on scanner of other manufacturer. Such export is carried out on a standard Internet channel. The visitor (consultant) gets access to the DIS on the exporter's page using the exporter's password. The visitor performs with the help of a built-in browser visual analysis of the DIS on his monitor, if necessary, with the help of a chat organizes a collective discussion, forms an opinion and sends it to the exporter on a given feedback.



Medical Computer Systems (MECOS)

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Distance learning and exams at virtual microscopic tests training

The mecosvirt.ru website can be used to form remote courses that simulate the microscopy techniques of real slides, including scanning, search and identifying of analysis objects. The customer of the remote course gets the opportunity to place his virtual slides on the pages of mecosvirt.ru. Customer VS may contain graphic and text comments. Visitors to the pages get free access to the VS or the customer allows access to the VS for special contingents (students, training cadets, external quality control laboratories, etc.) by passwords. Page visitors analyze the VS on their computers/tablets using a mecosvirt.ru-built browser. With chat, active forms of real-time learning can be used. The graphic identifiers of the found objects may be sent to the examiner as part of the report. Mecosvirt.ru offers services for production of the VS at the MECOS microscopy combine (<http://mecos.ru>), for export of the VS to mecosvirt.ru.

