

The <http://mecovirt.ru> website-server provides customers with export, placement, remote access to their digital copies ("virtual slides," VSs) of microscopy specimens. Remote access to their VSs on mecovirt.ru pages VSs owners can use for telemedicine consultations, for student teaching, for laboratories external quality control, for thematic archives forming. On the pages of mecovirt.ru visitors can see and analyze representative VSs with an area up to hundreds and thousands of microscope fields of view with continuous XYZ movement, similar to viewing through the eyepieces. Visitors get a quick navigation by the map of the VS, VS objects measurements, chat, feedback with the conclusion.

The mecovirt.ru service can be used as a hub for export of specified samples of the VSs to various analytical, research or production resources.

The VSs for mecovirt.ru can be produced on scanning microscopes MECOS (<http://mecos.ru>) or on scanners of other manufacturers. It is possible to use any specimen type and methods of microscopy. To accommodate their VSs, the customer gets the mecovirt.ru channel of export of the VSs from scanning microscope to the mecovirt.ru. The customer determines the circle of access to VSs on the mecovirt.ru through passwords.

Microscopy analyses training courses

The website server <http://mecovirt.ru> can be used for simple, fast, cost-effective formation of electronic training or examination courses related to the process of microscopy analysis of biomaterials. To make it the mecosvirt.ru service offers to place representative digital copies (virtual slides, VSs) of the natural slides with the biomaterials to its pages. Computer training and exams by VSs at mecosvirt.ru closely simulate real-time microscopic analysis process in a laboratory environment. Placing VSs on mecosvirt.ru pages creates additional benefits of collective on-line learning.

Customers can arrange for students to freely access course pages or password-limited.

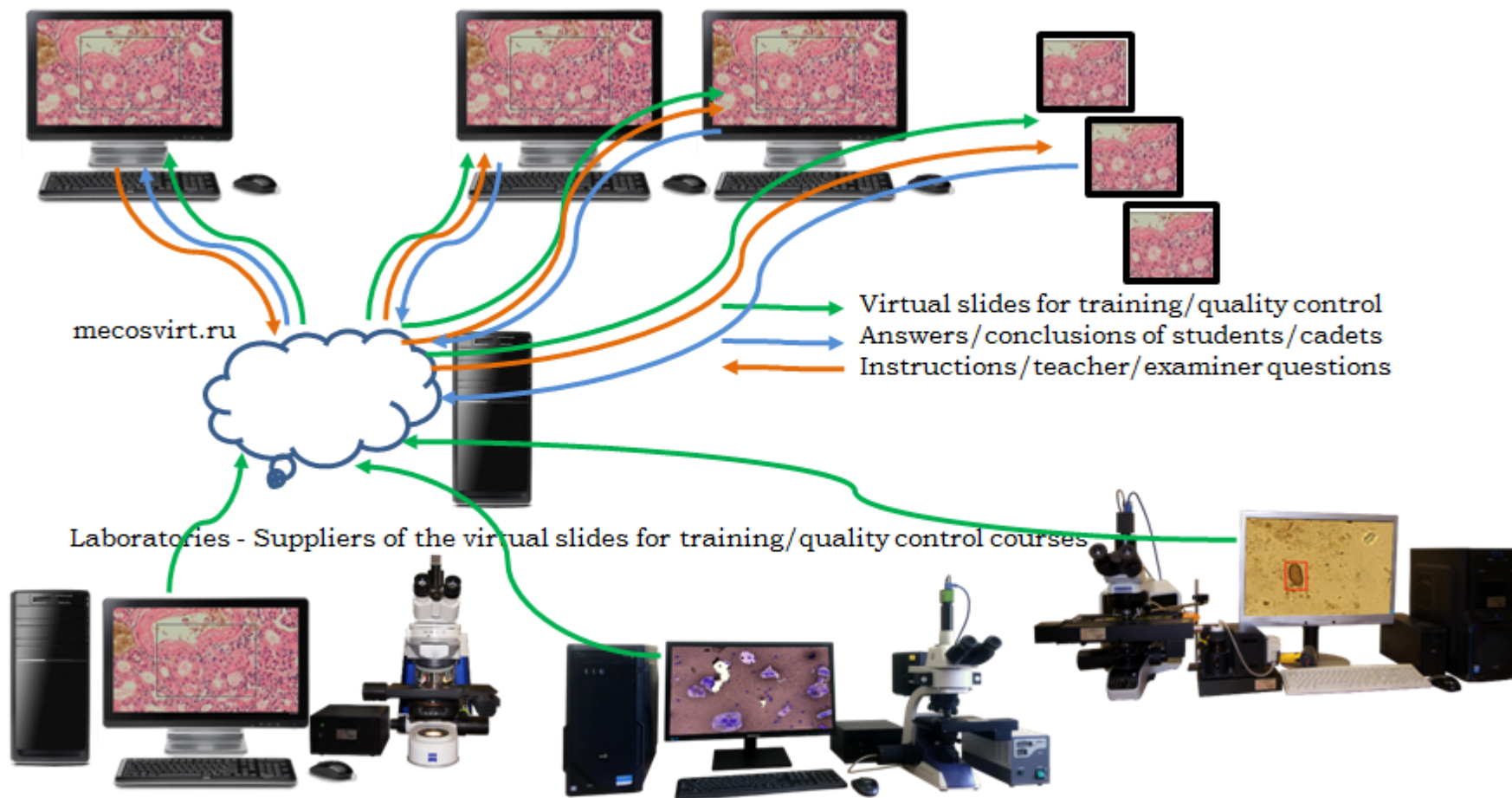
Each VS posted contains the customer's attributes and annotation forming the text of the textbook or exam.

To view and analyze the VS, mecosvirt.ru provides for students interactive navigational means of moving through the VS using map and zoom. The presence of chat allows active forms of training or discussion of the VS in real time. Written opinions generated by students can be sent to the examiner as an examination work.

Production of the VS for placement on the mecosvirt.ru the customer can perform on scanning microscopes of various models, including scanners of MECOS production (<https://mecos.ru>). To accommodate their VSs, the customer gets the mecosvirt.ru channel of export of the VSs from scanning microscope to the mecosvirt.ru.

Teacher / Examiner

Students / External quality control students



mecosvirt.ru

Virtual slides for training/quality control
Answers/conclusions of students/cadets
Instructions/teacher/examiner questions

Laboratories - Suppliers of the virtual slides for training/quality control courses

Mecosvirt.ru for learning and quality control

External quality control of microscopy analyses in the laboratory

The website server <http://mecovirt.ru> can be used for simple, fast, cost-effective formation of electronic examination courses for control of the process of microscopy and analysis of biomaterials. To make it the mecovirt.ru service offers to place representative digital copies (virtual slides, VSs) of the natural slides with the biomaterials to its pages. Computer exams by VSs at mecovirt.ru closely simulate real-time microscopic analysis process in a laboratory environment.

Customers can arrange for students to freely access course pages or password-limited.

Each VS posted contains the customer's attributes and annotation forming the text of the exam.

To view and analyze the VS, mecovirt.ru provides for students interactive navigational means of moving through the VS using map and zoom. The presence of chat allows active forms of exam in real time. Written opinions generated by students can be sent to the examiner as an examination work.

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Telemedicine consultations

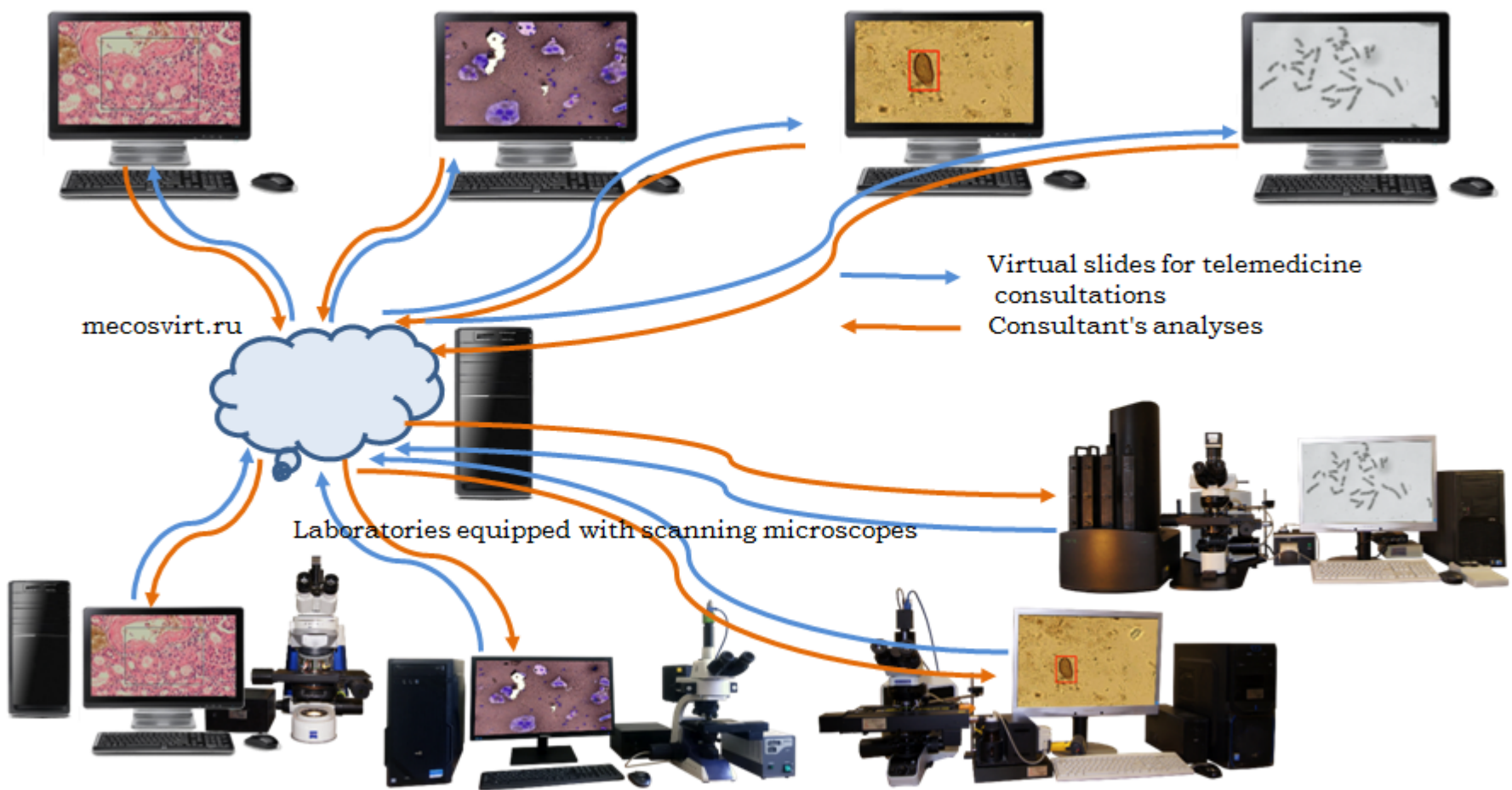
The <http://mecovirt.ru> website can be used for telemedicine consultations in case of difficulties in interpreting the results of microscopic analyses obtained in the laboratory. The possibility of remote consultations creates the application in the laboratory of a scanning microscope, producing representative digital copies of specimens - virtual slides (VSs). The mecovirt.ru service offers the means of placing the VS for consultations on its pages, in compliance with the necessary privacy measures and data protection. The consultant gets access to the relevant page with the VS of the site on the Internet, performs visual analysis of the VS, forms a conclusion and sends it to the consulted laboratory for built-in feedback.

The addresses and passwords of the relevant pages of the site mecovirt.ru the customer sends to the consultant independently or through the service mecovirt.ru.

VS's placed on the mecovirt.ru contain attributes and annotations of the customer. To view and analyze the VS, mecovirt.ru provides interactive navigational means of moving through the VS using map and zoom. Thanks to the availability of chat between the customer and the consultant, active forms of VS consultation in real time can be used. The consultant can post graphic comments to the VS on the objects analyzed, which together with the certified signature of the consultant are sent to the customer through a protected channel.

Production of the VSs for placement on the mecovirt.ru the customer can perform on scanning microscopes of various models, including scanners of MECOS production (<http://mecos.ru>).

Remote expert virtual slide advice over the Internet



Laboratories equipped with scanning microscopes

Virtual slides for telemedicine consultations
Consultant's analyses

mecovirt.ru service for telemedicine consultations