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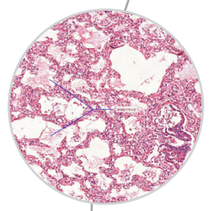

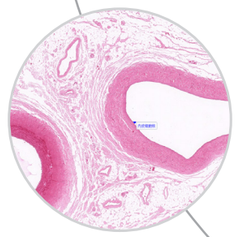

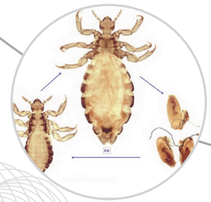

MEDICAL MORPHOLOGY DIGITAL TEACHING SYSTEM

Make active learning easier

Provide teaching resources of better quality

Make digitized exams more convenient

Digihuman is committed to the development and application of digital human products. Through cooperation with experts from well-known medical colleges and universities in China, the company has successfully developed a series of innovative products such as China's first "Digihuman Anatomy System", "Digihuman Clinical Surgical Planning System" and "Medical Morphology Digital Teaching System", which are widely used in hundreds of medical schools and standardized training centers for physicians in China.

Medical Morphology Digital Teaching System

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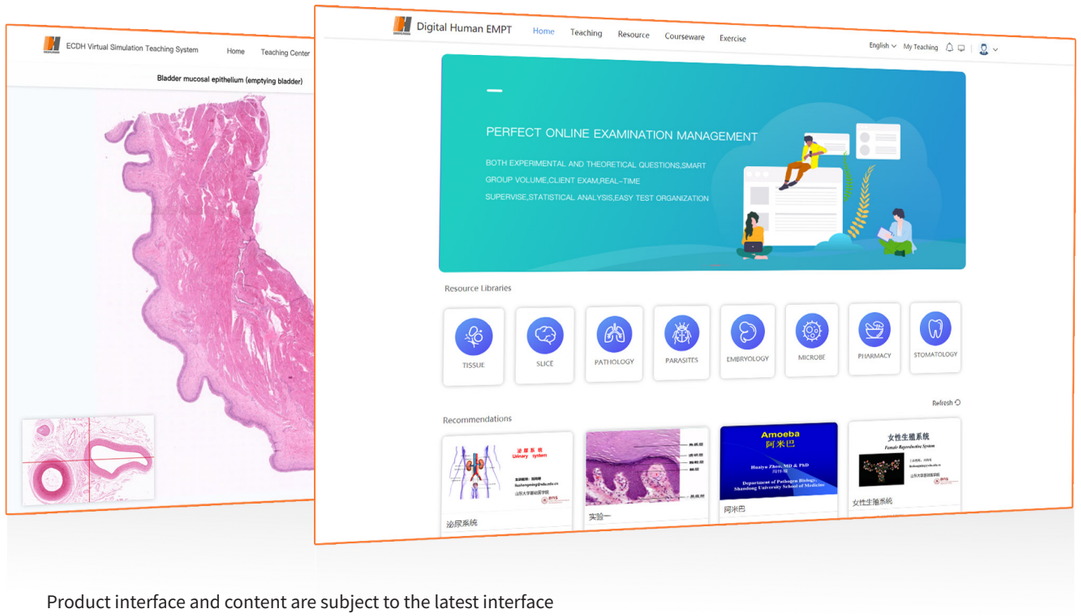


Product interface and content are subject to the latest interface

System Overview

■ With the progress of the times and the development of science and technology, educational philosophy and teaching methods are being innovated in a faster speed. In the digital age, the application of multi-terminal, multimedia, interactive discussion and other means in assisting teachers' teaching and students' self-learning have greatly improved the efficiency of teaching and learning.

■ By combining the efforts of dozens of professors from dozens of well-known medical schools and universities at home and abroad, and after years of research and development, Digihuman successfully launched the "Medical Morphology Digital Teaching System". The system includes "histology slice library", "pathology slice library", "macro-pathology slice library" and "parasite slice library", each slice library contains a large number of exercises.

■ These massive teaching resources and innovative teaching methods have not only greatly improved the teaching efficiency, but also stimulated students' interest in active learning.

System Advantages

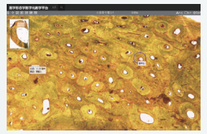
01

Massive digital teaching resources:

■ Digital resources have not only solved problems such as loss, discoloration and damage of slice specimens, but also avoided repeated preparation or purchasing of slice specimens during teaching.

Massive teaching resources provide a lot of reference resources for teaching.

02



Courseware function:

■ Teachers can upload their own courseware to the system to seamlessly connect and integrate with the system. Teachers can also integrate resources into courses for students to preview and review, helping them improve their learning efficiency. This also enriches the teaching resources of the school.

03

Slice import function:

■ School can edit the slice specimen library according to the teaching needs. Besides, school can scan the slices made by itself with a professional slice scanning equipment and upload them to the system to constantly enrich the teaching resources of the school.

System configuration

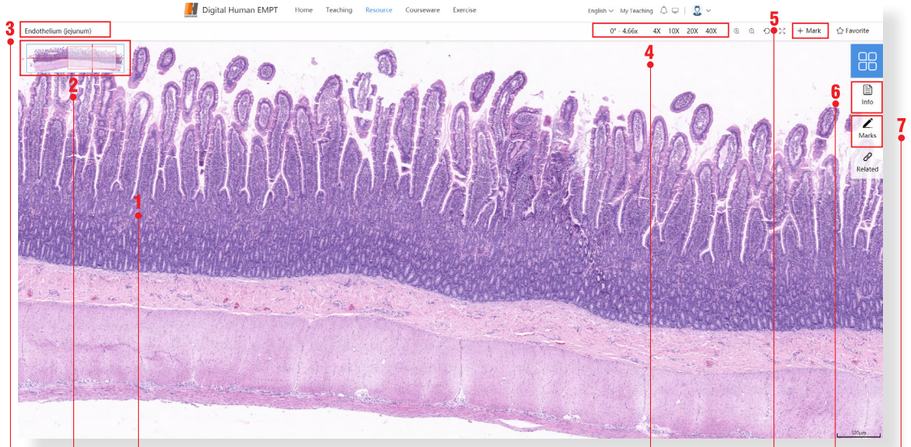
■ These high quality teaching resources consist of digital modules like "histology slice library", "pathology slice library", "macro-pathology slice library" and "parasite slice library".

■ The system, which consists of mature functions such as "exercise function", "import function", "courseware function" and "management function", is convenient and easy to use, and provides supports for teaching and active learning.

Histology slice library

Resources

■ Histology module now has over 1,200 slices divided into 18 chapters. Each chapter has its corresponding video teaching courseware to support students' active learning comprehensively.



1.Slice browsing

2.Slice navigation diagram

3.Slice information

4. Magnification

5.Add labels, measurements

6.Specimen information

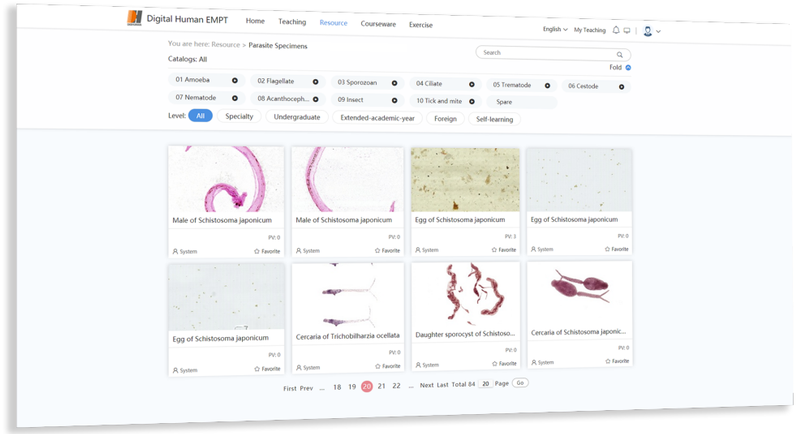
7. Labeled information

- 01 Epithelial tissue
- 02 Connective tissue
- 03 Blood
- 04 Cartilage and bone
- 05 Muscle tissue
- 06 Nervous tissue
- 07 Nervous system
- 08 Eye and ear
- 09 Circulatory system
- 10 Skin
- 11 Immune system
- 12 Endocrine system
- 13 Digestive tract
- 14 Digestive gland
- 15 Respiratory system
- 16 Urinary system
- 17 Male reproductive system
- 18 Female reproductive system

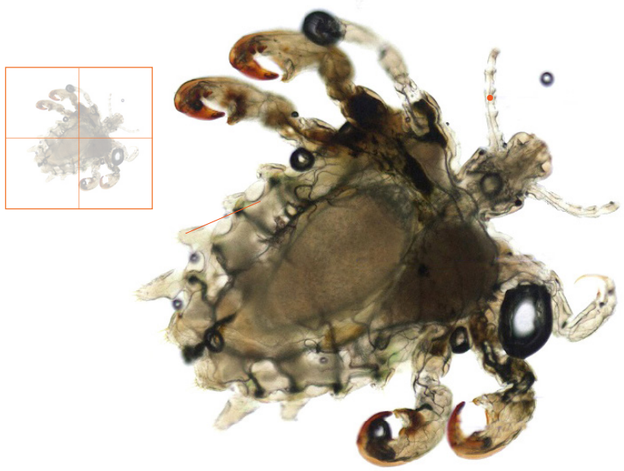
Parasite specimen library

Resources

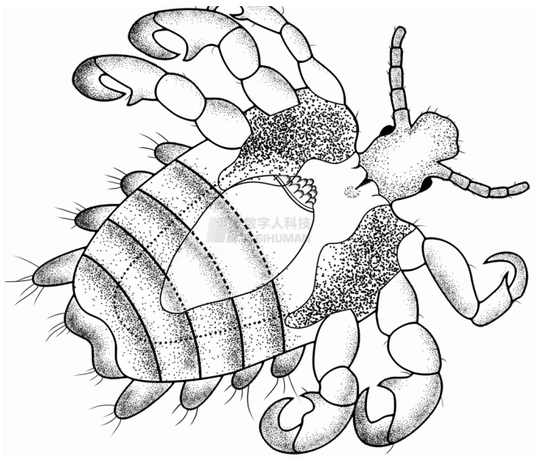
■ Parasitology module now has over 930 specimens and 180 pattern diagrams. This module is divided into 10 categories, each category has its corresponding video teaching courseware. Sample content is precious, and the observation effect is excellent.



- 01 Amoeba
- 02 Flagellate
- 03 Sporozoan
- 04 Ciliate
- 05 Trematode
- 06 Cestode
- 07 Nematode
- 08 Acanthocephalan
- 09 Insect
- 10 Tick and mite



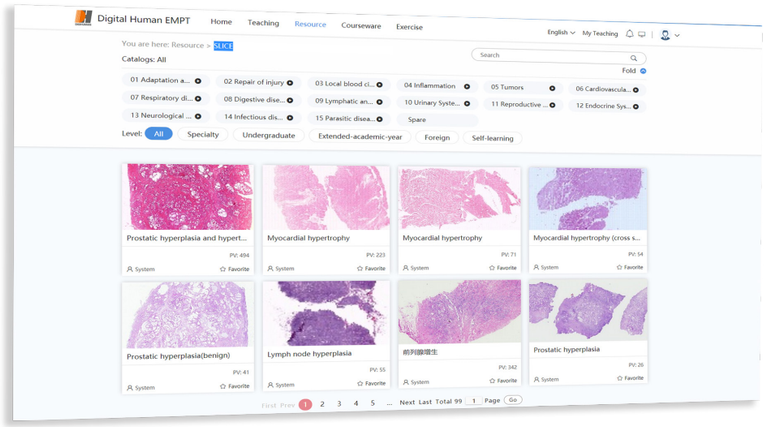
Pthirus pubis



Pattern diagram

Pathology slice library

■ Pathology slice library now has over 1400 slices and 270 micro-classes for slices. This module is divided into 15 chapters and each chapter has its own video teaching courseware which can be linked with the corresponding macro-pathology specimens to facilitate students carrying on relational learning.

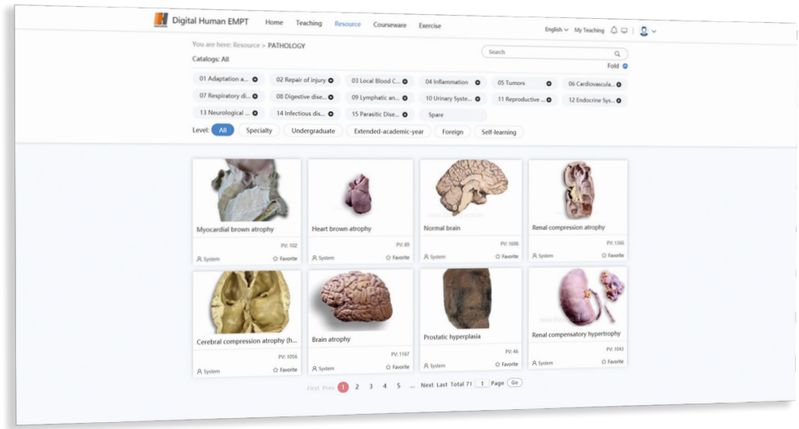


- 01 Adaptation and injury of cells and tissues
- 02 Repair of injury
- 03 Local blood circulation disorders
- 04 Inflammation
- 05 Tumors
- 06 Cardiovascular diseases
- 07 Respiratory disease syndrome
- 08 Digestive diseases
- 09 Lymphatic and Hematopoietic Diseases
- 10 Urinary System Diseases
- 11 Reproductive System Diseases
- 12 Endocrine System Diseases
- 13 Neurological diseases
- 14 Infectious diseases
- 15 Parasitic diseas

Macropathology specimen library

Resources

■ Macropathology specimen library now has over 740 specimens and 460 micro-classes for macropathology. This module is divided into 15 chapters and each chapter has its own video teaching courseware. Pathology specimens can be linked with the corresponding pathology slices to facilitate learning.



- 01 Adaptation and injury of cells and tissues
- 02 Repair of injury
- 03 Local blood circulation disorders
- 04 Inflammation
- 05 Tumors
- 06 Cardiovascular diseases
- 07 Respiratory disease syndrome
- 08 Digestive diseases
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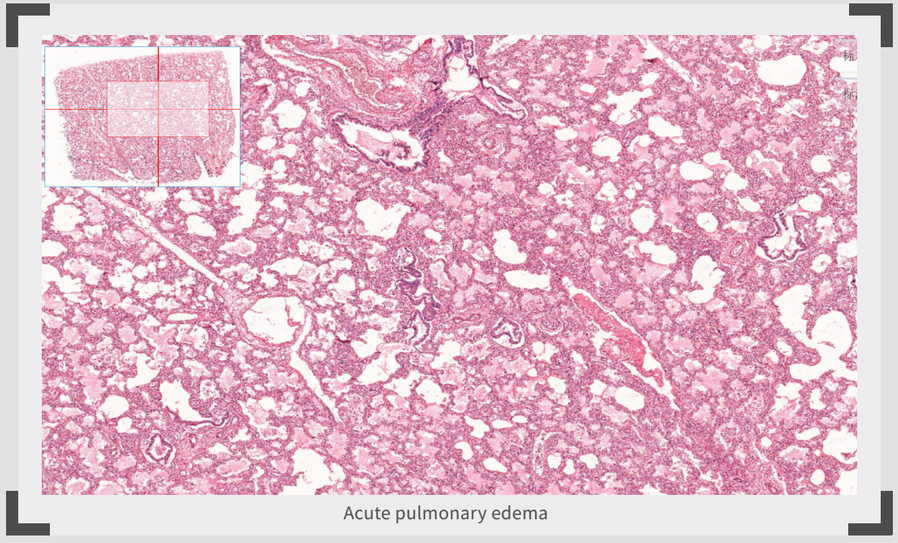
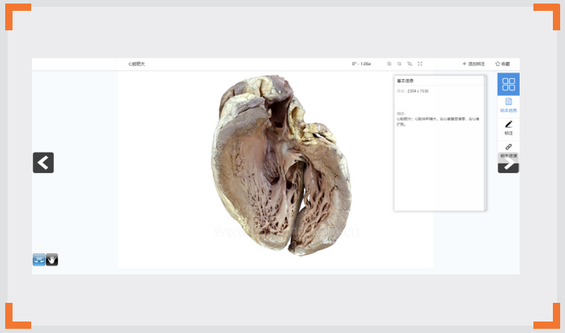
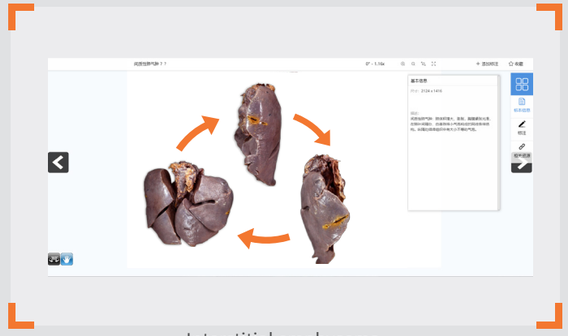


Acute pulmonary edema



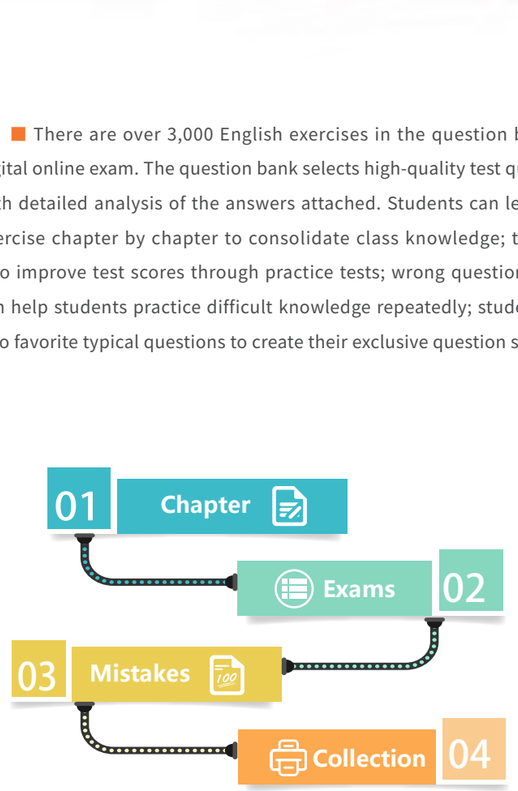
Myocardial hypertrophy

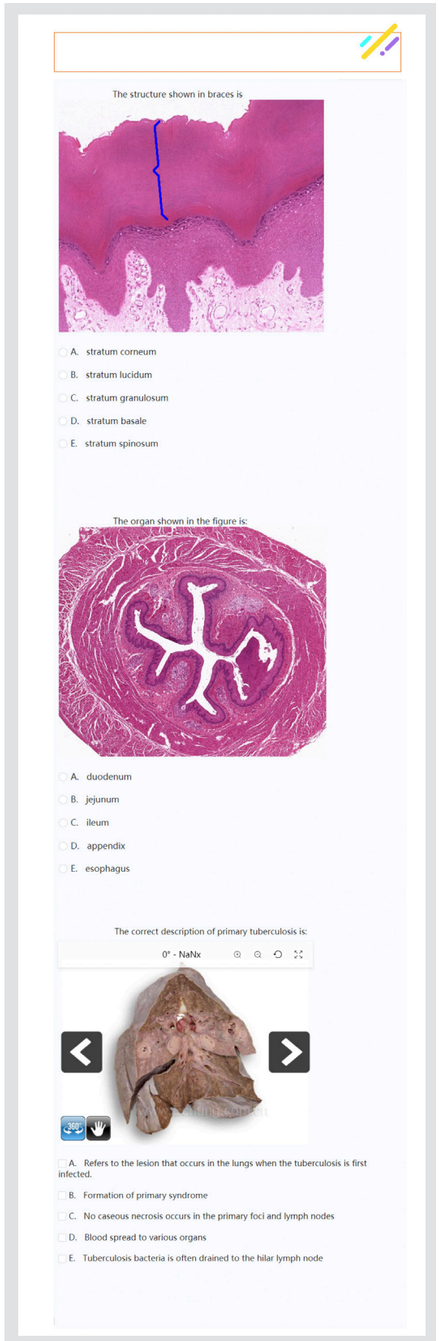


Interstitial emphysema

Stable and efficient exercise system

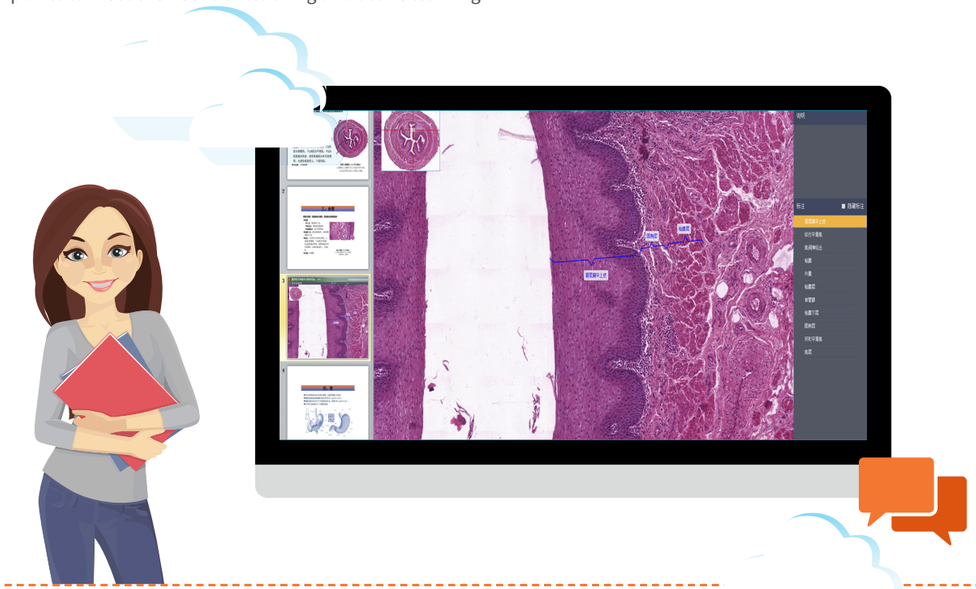
■ There are over 3,000 English exercises in the question bank for digital online exam. The question bank selects high-quality test questions with detailed analysis of the answers attached. Students can learn and exercise chapter by chapter to consolidate class knowledge; they can also improve test scores through practice tests; wrong question record can help students practice difficult knowledge repeatedly; students can also favorite typical questions to create their exclusive question sets.





Courseware function makes teaching easier

■ Courseware function includes over 800 video micro-classes and PPT courseware, and it is being supplemented and perfected continuously. Video micro-classes can systematically sort out and explain the teaching points of each chapter so that students can understand the learning points of this chapter in advance. The courseware consists of a large number of typical specimens, slice resources and knowledge points to meet the needs of teaching and active learning.



■ Teachers can upload PPT and all kinds of teaching materials to the system to seamlessly connect and integrate various resources with each other. Teachers can also integrate resources into courses for students to preview and review, helping them improve their learning efficiency. The system can also meet the teaching needs of homework assignment, experiment reports submission, in-class quiz and so on.

Mature and well-developed management function

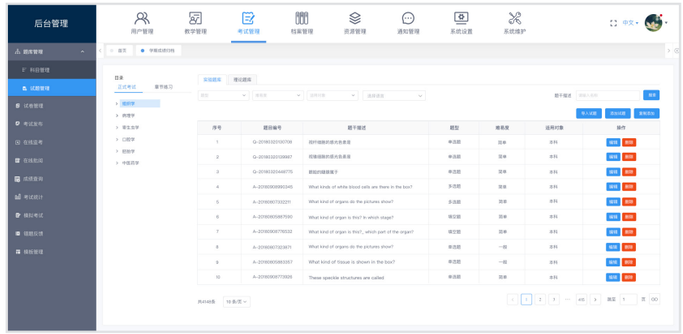
Function

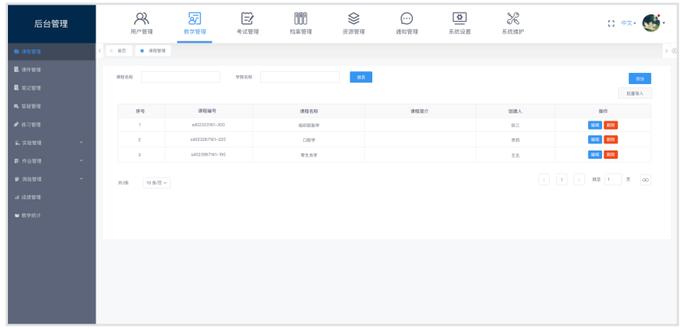
Platform management

Student number entry

Permission administration

Data statistics

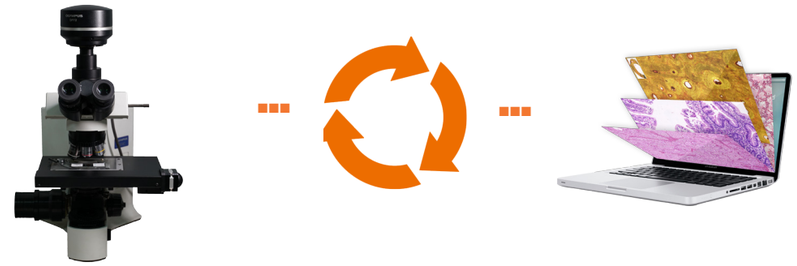




■ Comprehensive background management function and data statistics function are provided. Courses can be arranged according to class period, directional admission can be done through student numbers, and correlation with credits is also realized. Statistics such as active users, current online, number of visits and total number of specimens can be counted, and the authority of each ID can be managed to achieve the goal of improving resource utilization and learning efficiency.

Import function, free editing enabled

Function



Scan

School can scan its good quality slices for teaching with a professional slice scanning equipment.

Import

Upload the scanned slices and generate a format conforming to the system through a conversion tool.

Edit

Edit the uploaded slice information according to the editing template.

Digital teaching resource library

■ The system can edit the slice specimen library on basis of the teaching needs of the school to adapt to the teaching materials used by the school. School can its good quality slices for teaching with a professional slice scanning equipment and upload them to the system to constantly enrich the teaching resources of the school.

Products

86 inch all-in-one PC

■ With built-in Medical Morphology Digital Teaching System, the 86-inch large screen can display digital slices/specimens, play courseware, pictures and videos, providing viewers with 4K HD display effect and high color sharpness, so that students can observe clearly and teachers can conduct big class teaching with ease.

Product parameters

Resolution: 3840*2160, brightness 350 cd / m2, contrast (static): 5000: 1, Multi-Touch System, viewing angle up to 175 ° . Embedded computer: CPU I5, 8G DDR4 memory, 480G SSD or 500G mechanical hard disk optional, wireless network card, 2G discrete graphics supporting 4K output.

55 inch all-in-one PC

■ With built-in Medical Morphology Digital Teaching System, it can be used by teachers during classes to display digital slices/specimens, play courseware, pictures and videos, providing viewers with 4K HD display effect. Full touch control operation, compatible with keyboard and mouse operation mode as well.

Product parameters

Built-in efficient 4K display system: resolution: 3840*2160, brightness: 350 cd/m2, contrast (static): 5000: 1, Multi-Touch, viewing angle up to 175° . Embedded computer: CPU I5, 8G DDR4 memory, 240G SSD, wireless network card, 2G discrete graphics supporting 4K output.

Projection teaching system

■ With built-in Medical Morphology Digital Teaching System, the system can display digital slices/specimens, play courseware, pictures and videos. The system has a full touch control operation interface, simple structure and beautiful appearance. It can work as soon as powered on without software installation or trial run.

Product parameters

Integrated display system: 55-inch horizontal operation rostrum, providing 4K HD display effect, high color sharpness and clear observation effect.

Stereo projector: educational engineering projector, DLP projection technology; nominal brightness (lumens): 5000 lumens; standard resolution (dpi): 1920×1080; contrast: 2000: 1

Web-based learning

■ This system can be widely used in campus network, laboratories, offices and other scenarios, and it can also be used for active learning online through the cloud platform. Through "on class + off class" and "online + offline" application modes, the system can be integrated into the teaching work of teachers in class, meet the needs of students' active learning after class, and facilitate teachers and students to learn and communicate anytime and anywhere.

■ Once the Medical Morphology Digital Teaching System is installed in the campus network, students can log in at any time in virtual simulated laboratories, libraries, reading rooms, dormitories and other places, giving full play to the advantages of online teaching. As a result of improved resource utilization rate, goals for active learning, repeated training, basic skills mastering and comprehensive ability improving can be achieved.