

PLHX3002XN-BX

Virtual bronchoscope surgery training simulator (Portable)

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Respiratory endoscope intervention training

Authoritative experts give guidance in development

The virtual bronchoscope surgery training simulator was developed under the guidance of authoritative experts in the field of bronchoscope intervention, which ensures the professionalism and authority of the training, and provides a powerful software and hardware guarantee for standardized bronchoscope training.

Develop based on clinically typical case data, support case training module customization

Product description

This virtual bronchoscope surgery training simulator adopts a high-simulation bronchus model produced based on clinical CT data as well as internal visual reproduction and virtuality-reality combination technology, which simulates the touch sense of bronchoscope operation and scene to a very high degree. With a clear operation image and similar touch sense to clinical operation, it can be used to train young bronchoscopists according to the courses and clinical training cases formulated by experts, help the trainee master correct clinical diagnostic thinking and operation methods, standardized bronchus diagnosis and treatment skills soon, while shortening the bronchoscope learning cycle considerably.



Examination report

Real-time evaluation feedbacks -- training and examination integration

Giving real-time feedbacks at the time of practice enable timely correction. At the end of each training, a training evaluation report will be generated to provide trainees and trainers with the training effect basis, so as to ensure the standardization and homogenization of training.



Examination - routine examination

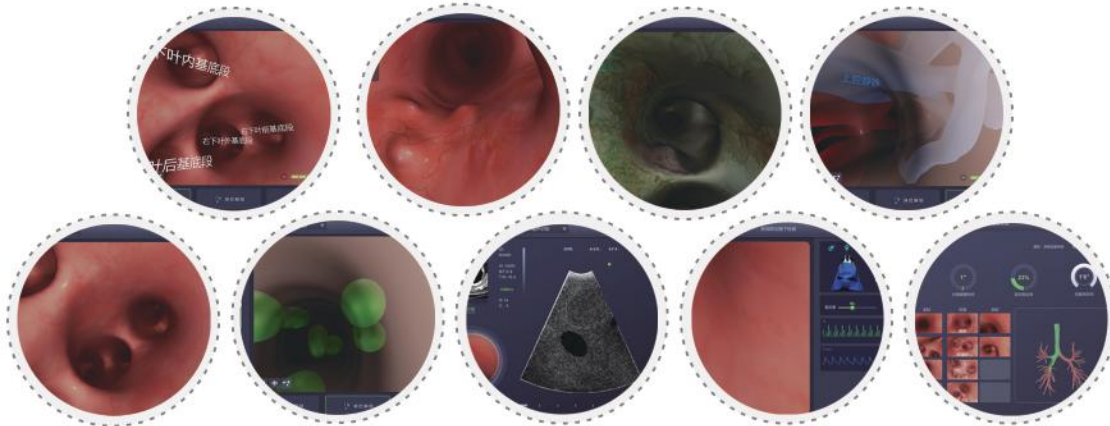


Comprehensive examination analysis



Training module composition

Basic skills training, examination & evaluation and case practice module ensure the trainee to receive a standardized bronchoscope surgery training, while providing simulated practical training in many typical cases to improve surgical skills and clinical thinking.



Skill training	Examination zone	Case practice
Anatomic identification	Airway anatomy	Treatment of bleeding
Ultrasonic identification	Routine examination	Benign airway stenosis
Narrow spectrum of fluorescence	Ultrasonic identification	Difficult airway
Sequential training		Malignant airway stenosis
Fixed point inspection		COVID-19
Record by photograph		

Virtuality-reality combined training scheme

