

PLHX3002XN-TC

Virtual bronchoscope surgery training simulator (trolley)

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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

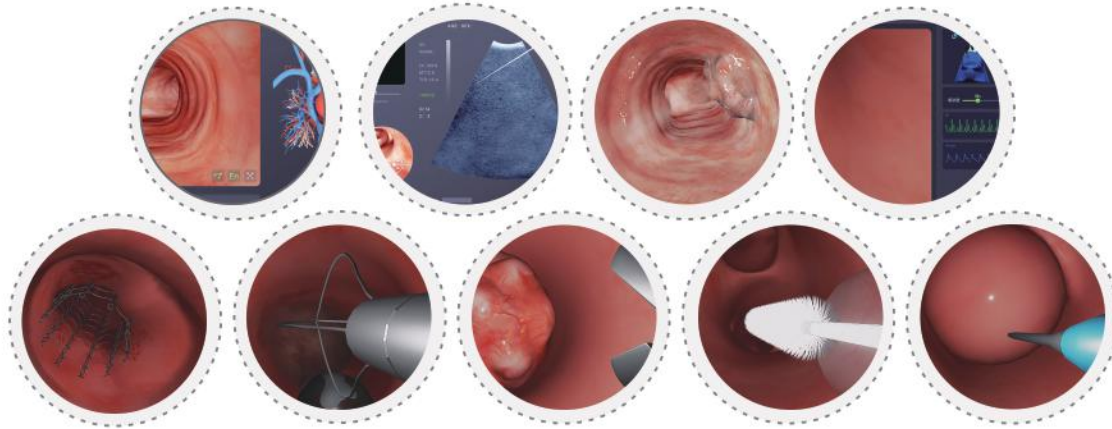
Product description

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.



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

Anatomic identification	Biopsy/brushing inspection	Diagnosis and treatment of peripheral lung lesions
Ultrasonic identification	Lavage/ sputum suction	EBUS-TBNA
Sequential training	TBLB/TBNA	Endotherm knife/laser
Fixed point inspection	Removal of foreign bodies	Balloon dilatation
Record by photograph	Optical imaging	Stent implantation

Virtuality-reality combined training scheme



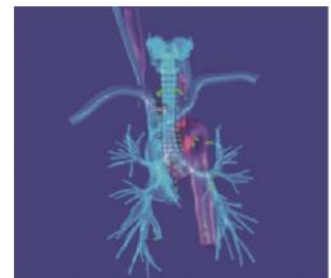
Physical model matching



2D CT matching



Endoscopic scene matching



3D CT matching