# Bronchoscopy Devices

**MFA Pulmonary Division** 

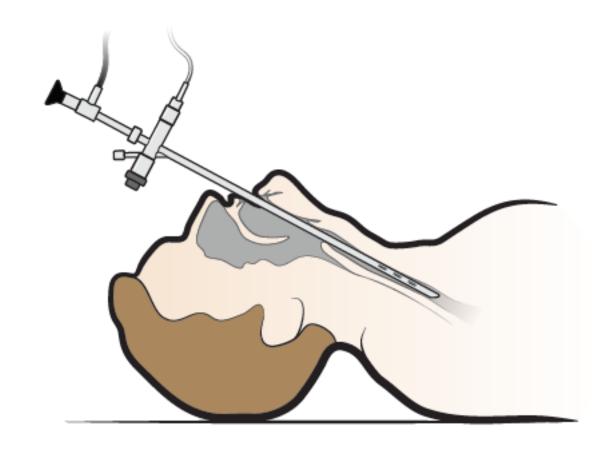
Samaneh Siyar

## FUJIFILM

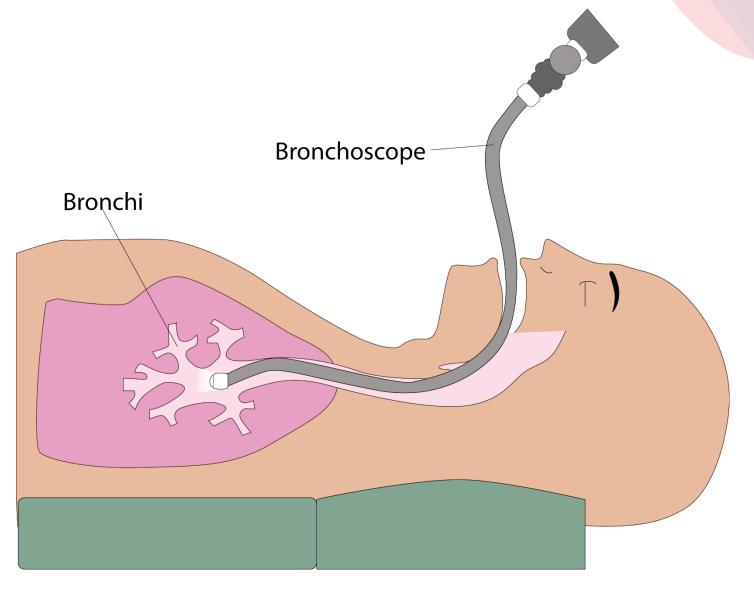




## Bronchoscopy



Rigid Bronchoscopy



Flexible Bronchoscopy



## Flexible bronchoscopes













• اهرم تنظیم زاویه

• دكمه فريز

• دکمه ساکشن

• کانال آب و هوا







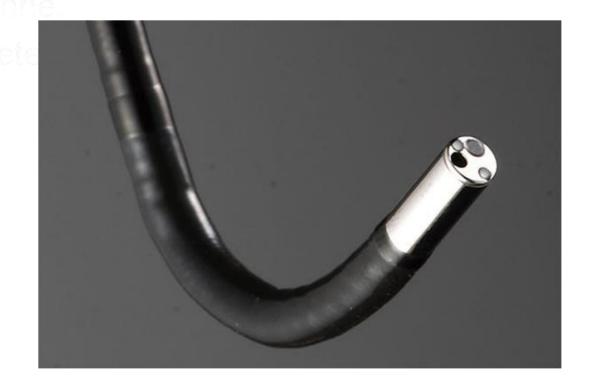
## Scopes

Electronic Bronchoscope

Pediatric

- EB-530P
- ✓ Super-slim pediatric bronchoscope

- √1.2 mm forceps channel
  - √ 3.8 mm outer diameter
  - ✓120° field of view







#### EB-580S

- √ Therapy
- ✓ 2.2 mm forceps channel
- √ 5.3 mm outer diameter
- √ 120° field of view
- ✓ Bending capacity : 210°/ 130°
- EB-580T
- ✓ Therapy
- ✓ 2.8 mm forceps channel
- ✓ 5.8 mm outer diameter
- √ 120° field of view
- ✓ Bending capacity : 180°/ 130°









#### **EB-710P VIDEO BRONCHOSCOPE Slim Standard Type**







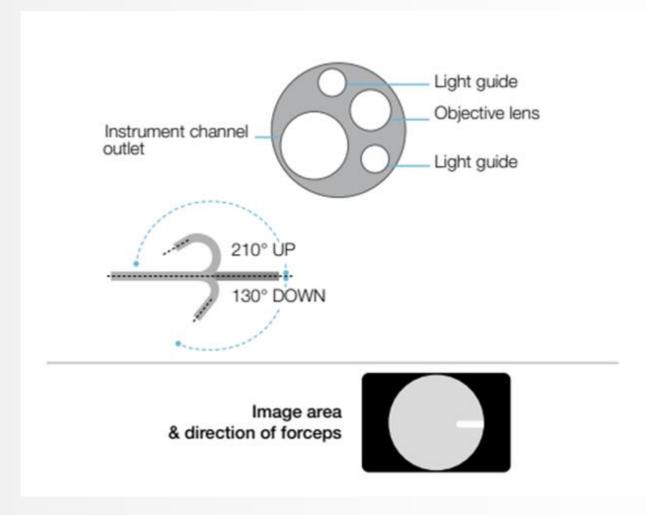






This slim standard video bronchoscope has a distal end diameter of 4.1 mm and a minimum instrument channel diameter of 2.0 mm. It is compatible with VP-7000 and EP-6000 processors. The One-Step Connector can be connected easily to the light source in a single step. The EB-710P is compatible with low temperature Hydrogen Peroxide Gas Plasma sterilization

- ✓ 2.0 mm forceps channel
- √4.1 mm outer diameter
- ✓ 120° field of view
- ✓ Bending capacity : 210°/ 130°



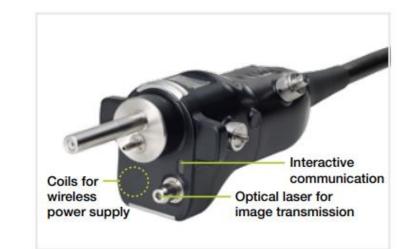






#### **One-Step Connector for easy plug-in**

The 700 series endoscopes can easily be plugged in by its One-Step Connector. This is the first connector to incorporate an integrated wireless supply that provides high-speed power transmission of data. The design helps to simplify the cleaning process and reduces the potential for accidental damage.





#### **Rotation function**

The new rotation function enables 120° rotation of the insertion portion.

#### **Enhanced control portion**

New control portion equipped with a wider grip, new suction valve, and four switches. The new SUC valve SB-606 allows for easy connection to SUC tube. SB-606 & FV-003 are sterilized and single use



Centre position



120° rotation

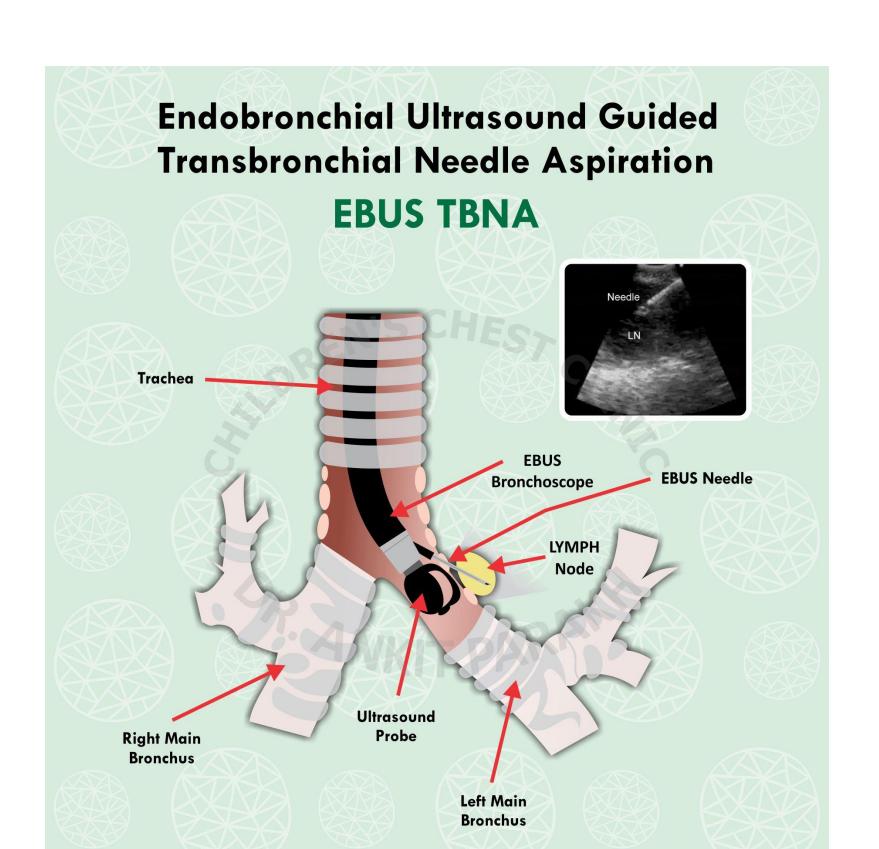


SB-606



FV-003

### **Endosongraphy Bronchial(EBUS)**









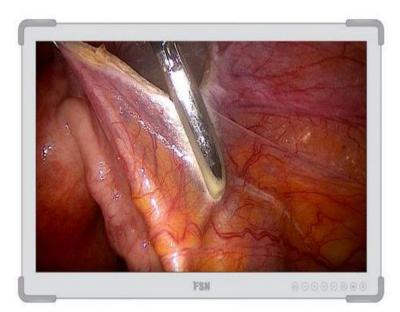
## EB-530US ULTRASONIC BRONCHOSCOPE















#### **EB-530US ULTRASONIC BRONCHOSCOPE**











10° Forward oblique Viewing direction Field of view 120° Observation range 3 – 100 mm **Bending capability** Up 130°/Down 90° Distal end diameter 6.7 mm Insertion tube 6.3 mm diameter Minimum diameter of instrument channel 2.0 mm 610 mm Working length Total length 880 mm







## **Characteristics of EB-530US**

10° forward oblique view



Like normal bronchoscope

Slim Insertion Tube Φ6.7 mm



**Smooth Insertion** 

2 Lights



No dark areas





## Ultrasonic Video Endoscopes, US Balloons



## Radial EBUS



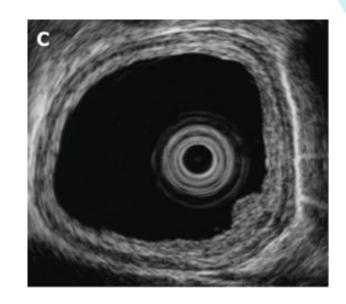
Stand alone system

Better Image quality

High Frequency

SP-900













## THANK YOU

