

BRONCHOSCOPY

TEAM

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Nurses: Cristina Burrel, Celia Gonzalez

Anaesthesiologist (part time): Dr MA Gil de Bernabè

CLINICAL PROCEDURES

- Basic Bronchoscopy:
 - Wide bronchoscopy variety of tubes and facilities, two exploratory suites, recovery area (3 patients), sterilization room, microscope (ROSE), fluoroscopy equipment
 - Aspirate, BAL, bronchial biopsy, transbronchial biopsy, TBNA, cytology brush, microbiological brush
- Advanced Bronchoscopy:
 - Cryotherapy, Cryobiopsy, CryoTBB, linear EBUS, dilatation balloons, haemostatic balloons, fluoroscopy, autofluorescence, bronchial thermoplasty, electrocauterization, foreign bodies removal forceps, rigid bronchoscopy, paediatric bronchoscopy
- Thoracic ultrasound
- Pleural procedures: pleural biopsy, pleurodesis, pleuroscopy (semi-rigid pleuroscop)

RESEARCH AREAS (WITH ACTIVE PROJECTS AND GRANTS)

- New diagnostic methods:
 - Transbronchial cryobiopsies (safety and results): three multicentre active projects
 - Endobronchial impedance and electrical signals
 - Endobronchial methods and microbiological studies (mucines expression, microbiome)
- Asthma and Bronchial Thermoplasty:
 - Physiopathological mechanisms, histological analysis