

Deep Learning for Preoperative Pulmonary Assessment in Thoracic CT

NCT06477458

Status RECRUITING
Sponsor The First Affiliated Hospital of Guangzhou Medical University
Enrollment 2,000 participants

Key Eligibility Criteria

Inclusion (6)

- (1) Signing of the informed consent form;
- (2) Male or female, aged 18-75 years;
- (3) Undergoing elective thoracic surgery;
- (4) Good preoperative pulmonary function cooperation and complete reporting;
- (5) Preoperative chest single/dual phase CT scans without significant artefacts and with complete imaging;
- ... and 1 more (see full listing online)

Exclusion (9)

- (1) Poor preoperative pulmonary function cooperation or missing reports;
- (2) Preoperative chest single/dual phase CT scans exhibit significant artefacts or image omission;
- (3) The interval between preoperative pulmonary function and single/dual phase CT scans exceeds one month;
- (4) Complication with severe respiratory disorders (such as lung transplantation, pneumothorax, giant bullae, etc.);
- (5) Coexisting with other severe functional impairments;
- ... and 4 more (see full listing online)

Locations (1 total)

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