

Application of PET/MRI in the Evaluation of the Efficacy of Neoadjuvant Therapy for Locally Advanced Rectal Cancer

NCT06653452

Status	RECRUITING
Phase	Not Applicable
Sponsor	Peking Union Medical College Hospital
Enrollment	30 participants

Key Eligibility Criteria

Inclusion (1)

- (1) Age 18-75 years old; (2) ECOG score 0-2; (3) Pathologically confirmed as rectal adenocarcinoma; (4) The lower edge of the tumor is within 12cm from the anal edge; (5) Clinically staged as cT3-4N0M0 or cTanyN+M0; (6) Untreated patients who have not received radiotherapy, chemotherapy, and surgery, etc.; (7) Good liver and kidney function, can tolerate radiotherapy and surgery; (8) Patients and their families can understand the research plan, voluntarily participate in this research and sign the informed consent form.

Exclusion (1)

- (1) ECOG score \geq 2; (2) Patients with multiple primary colorectal cancers; (3) Patients with a history of other malignant tumors within the past 5 years (except for cured basal cell carcinoma, cervical carcinoma in situ, surgically treated localized prostate cancer, or surgically removed breast ductal carcinoma in situ); (4) Patients with intestinal obstruction, intestinal perforation, gastrointestinal bleeding, and other emergencies requiring emergency surgery; (5) Pregnant or lactating women; (6) Patients with a history of severe mental illness, immune diseases, and hormone medication; (7) Patients with contraindications for MRI, PET examination, radiotherapy, immunotherapy, or surgical treatment; (8) Patients who have participated in other clinical studies within the last 3 months; (9) Any other conditions deemed unsuitable for inclusion by the researcher.

Locations (1 total)

Peking Union Medical College Hospital, Beijing, Beijing Municipality, China