

# A Clinical Prediction Model for Surgical Site Infection After Central Nervous System Tumor Surgery

NCT07378683

---

Status	RECRUITING
Phase	Not Applicable
Sponsor	Ming Yang
Enrollment	500 participants

## Key Eligibility Criteria

---

### Inclusion (5)

- Patients with a pathologically confirmed primary or metastatic central nervous system (brain or spinal) tumor.
- Scheduled for elective craniotomy or spinal tumor resection surgery.
- Age ≥ 18 years.
- Expected survival > 3 months, and able/willing to comply with postoperative follow-up.
- Voluntary participation and provision of written informed consent.

### Exclusion (6)

- Presence of active systemic or local surgical site infection before surgery.
- Use of therapeutic antibiotics for any reason within 72 hours prior to surgery.
- Concurrent severe immunosuppressive conditions, or chronic use of high-dose immunosuppressants.
- Pregnancy or lactation.
- Known contraindications or severe allergy to the antibiotics planned for use in the study.

... and 1 more (see full listing online)

## Locations (1 total)

---

National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, PUMC, China