

Predicting Hospital Readmission for Surgical Patients Using Deep Learning Models With Smart Watch and Smart Ring Sensors Data

NCT07349901

Status RECRUITING
Sponsor Getúlio Vargas University Hospital
Enrollment 300 participants

Key Eligibility Criteria

Inclusion (10)

- Adults over 18 years of age;
- Hospitalization for medium and/or large elective surgery at HUGV;
- Conscious and oriented patients who have sufficient understanding to answer questionnaires and use wearable devices for the study;
- Have minimal skills in the use of wearable technologies;
- Patients who have agreed to participate voluntarily in the research by signing the Informed Consent Form (ICF).

... and 5 more (see full listing online)

Exclusion (3)

- Severe medical conditions and decompensations prior to surgery;
- Patients who die before hospital discharge;
- Patients with an expected postoperative hospital stay of more than 10 days.

Locations (1 total)

Getúlio Vargas University Hospital, Manaus, Amazonas, Brazil