

Appropriate Use of Blood Cultures in the Emergency Department Through Machine Learning

NCT06163781

Status	RECRUITING
Phase	Not Applicable
Sponsor	Amsterdam UMC, location VUmc
Enrollment	7,584 participants

Key Eligibility Criteria

Inclusion (3)

- Age \geq 18 years
- Have a clinical indication for a blood culture analysis (according to the treating physician)
- Have sufficient data recorded (laboratory results and vital sign measurements) for a prediction to be made (at least 20% of the needed parameters)

Exclusion (6)

- Central Venous Line (CVL) or Peripherally Inserted Central Catheter (PICC) in situ
- Neutrophil count $< 0.5 \times 10^9/L$
- Candidemia or *S. aureus* bacteraemia in the past 3 months.
- Most likely diagnosis of endocarditis/spondylodiscitis/infected prosthetic material
- Pregnant or breastfeeding patients
- ... and 1 more (see full listing online)

Locations (1 total)

Amsterdam UMC - location AMC, Amsterdam, Netherlands