# Microorganisms in the environment of old and new patient rooms

No registrations found.

| | |
|---|---|
| **Ethical review** | Positive opinion |
| **Status** | Recruitment stopped |
| **Health condition type** | - |
| **Study type** | Observational non invasive |

## Summary

### ID

NL-OMON28339

**Source**
Nationaal Trial Register

**Brief title**
the MOVE study

**Health condition**

Colonization with highly resistant microorganisms

### Sponsors and support

**Primary sponsor:** Board of directors of Erasmus MC
**Source(s) of monetary or material Support:** Board of directors, Erasmus MC

### Intervention

### Outcome measures

**Primary outcome**

The difference between the old and the new hospital building in acquisition of highly resistant microorganisms

**Secondary outcome**

Not applicable

# Study description

### Background summary

Rationale: Demonstrating that relocation of patients from multiple occupancy rooms in an old hospital to single bedrooms in a new hospital will have a significant positive effect on the bacterial contamination of the patient rooms, and hence on the number of patients infected/colonized with resistant and/or susceptible microorganisms.
Objective: Study the effect of the new environment on patient safety, in terms of contamination, colonization and infection, as compared to the old situation and the environmental risk factors for both environments.
Study design: the design is a prospective interventional before-after study. Data will be recorded and analyzed retrospectively. Admitted patients and the environment of the old and the new building of the Erasmus University Medical Center Rotterdam, Netherlands, will be prospectively cultured to identify presence of highly resistant microorganisms (HRMO).
Study population: patients from selected departments at the old and new hospital. Rooms and bathrooms at the old and new hospital. All clinical samples before and after the move, send to the medical microbiology laboratory of the Erasmus MC from departments that are moving to the new building i.e. all specialties/buildings except the Sophia children's hospital .
Main study parameters/endpoints: The main study endpoint is to show a significant difference between the old and new building, in terms of contamination, colonization and infections with highly resistant microorganisms.
Nature and extent of the burden and risks associated with participation, benefit and group relatedness: There is no burden, neither are risks, associated with participation in this study. The nose and perineal area samples may be considered as an additional to normal diagnostic procedure, but can cause no harm for the patient. Results of the study test will not be communicated with either the patient or the medical doctor. Therefore results of the study will not interfere with the treatment.

### Study objective

A hospital with solely single patient rooms and private bathrooms will have a significant positive effect on the bacterial contamination of the patient rooms and hence on the number of patients infected/colonized with resistant an/or susceptible microorganisms.

### Study design

The relocation was at 18-05-2018.
Patient inclusion started at 1-1-18 and ended at 31-8-19.

### Intervention

The relocation of the hospital

# Contacts

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# Eligibility criteria

## Inclusion criteria

Informed consent, 18 years and older, expected hospital stay of 48 hours or longer

## Exclusion criteria

Younger than 18, expected hospital stay shorter than 48 hours

# Study design

## Design

| | |
|---|---|
| Study type: | Observational non invasive |
| Intervention model: | Other |
| Allocation: | Non controlled trial |

**Control:** N/A , unknown

### Recruitment

NL

| | |
|---|---|
| Recruitment status: | Recruitment stopped |
| Start date (anticipated): | 01-01-2018 |
| Enrollment: | 1064 |
| Type: | Actual |

### IPD sharing statement

**Plan to share IPD:** Undecided

## Ethics review

Positive opinion

| | |
|---|---|
| Date: | 24-02-2020 |
| Application type: | First submission |

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

### In other registers

| Register | ID |
|---|---|
| NTR-new | NL8406 |
| Other | METC EMC : MEC-2017-1011 |

## Study results