

# The effect of monitoring of tobramycin levels in blood in patients with cystic fibrosis.

No registrations found.

<b>Ethical review</b>	Not applicable
<b>Status</b>	Recruitment stopped
<b>Health condition type</b>	-
<b>Study type</b>	Observational non invasive

## Summary

### ID

NL-OMON20263

### Source

NTR

### Health condition

Cystic fibrosis

## Sponsors and support

**Primary sponsor:** AMC

**Source(s) of monetary or material Support:** fund AMC sponsor

## Intervention

## Outcome measures

### Primary outcome

Plasma tobramycine levels within the target range

### Secondary outcome

Influence of different parameter like e.g. weight, kidney function, male/female on the dosage.

## Study description

### Background summary

Patients with cystic fibrosis often receive the antibiotic tobramycin during a long period to treat *Pseudomonas aeruginosa* infection. During standard care tobramycin levels in blood are determined to give an indication of safety and efficacy. When the tobramycin levels are outside a certain range, the dosage will be adjusted. In this study we will retrospectively determine if adjustment of the dosage was effective and if there are certain factors influencing the dosage (e.g. body weight).

### Study objective

Therapeutic drug monitoring is effective in optimizing treatment with tobramycin and reduces side effects.

### Study design

Tobramycin levels of 2011, 2012 and 2013 will be retrospectively analysed in 2014

### Intervention

No interventions: retrospective, observational study

## Contacts

### Public

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### Scientific

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## Eligibility criteria

### Inclusion criteria

- Patients with cystic fibroses.
- Treatment with tobramycin
- Plasma concentration of tobramycine routinely measured

### Exclusion criteria

None

## Study design

### Design

Study type: Observational non invasive

Intervention model: Other

**Control:** N/A , unknown

### Recruitment

NL  
Recruitment status: Recruitment stopped

Start date (anticipated): 01-05-2014

Enrollment: 35

Type: Actual

## Ethics review

Not applicable  
Application type: Not applicable

## 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	NL4420
NTR-old	NTR4544
Other	Kemper : E.M.

## Study results

### Summary results

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