Control group outpatient or inpatient

- Simple UTI
  - uncomplicated
    - 1d Fosfomycin, if GFR 30-60: 3d TMP-SMX
  - complicated
    - Ciprofloxacin

- Febrile UTI/Pyelonephritis
  - uncomplicated
    - Ciprofloxacin 7d
  - complicated
    - NSAIDs

PCT-group - outpatient

- Simple UTI
  - uncomplicated
    - 1d Fosfomycin, if GFR 30-60: 3d TMP-SMX
  - complicated
    - Ciprofloxacin 10d

- Febrile UTI/Pyelonephritis
  - uncomplicated
    - PCT<0.25
      - 1d Fosfomycin, if GFR 30-60: 3d TMP-SMX
    - PCT>0.5
      - PCT-SMX 7d
  - complicated
    - PCT: 0.25-0.5
      - 5d TMP-SMX

PCT-group - inpatient (admission = day1)

- Simple UTI
  - uncomplicated
    - Acetaminophen 1g 1-0-1 + Tropism chloride 20mg 1-0-1
  - complicated
    - TMP-SMX

- Febrile UTI/Pyelonephritis
  - uncomplicated
    - NSAIDs
  - complicated
    - Ciprofloxacin

**if i.v.-therapy is necessary: Ceftriaxon**
- i.v. therapy necessary: nausea/vomiting, ICU, severe sepsis
- switch to p.o. as soon as possible

***for GFR<30: Ciprofloxacin instead of TMP-SMX

PCT and UST on day 3, 5, 7 (every 2 days)

Abx STOP if: PCT < 0.25 or PCT-decrease ≥ 80% and Pyuria normalized or decrease ≥ 90%

otherwise Abx for another 2d