

# Efficacy of 7 Days Versus 14 Days of Antibiotic Therapy for Acute Pyelonephritis in Kidney Transplant Recipients, a Multicentre Randomized Non-inferiority Trial.

NCT05597540

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<b>Status</b>	RECRUITING
<b>Phase</b>	Phase 3
<b>Sponsor</b>	Assistance Publique - Hôpitaux de Paris
<b>Enrollment</b>	470 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Age  $\geq 18$  years KTR
- APN defined by: fever ( $T \geq 38^\circ\text{C}$ ) (with or without clinical signs and/or symptoms of UTI) and pyuria ( $\geq 10^4$  white blood cells/mL or  $\geq 10/\text{mm}^3$ ) and positive urine culture (uropathogen  $\geq 10^3$  CFU/mL susceptible to the empirically administered antibiotic)
- No confirmed or suspected febrile non urinary bacterial infection
- No urologic/renal complication at baseline imaging (abscess, obstruction...)
- Favourable early response to antibiotic treatment: 48 to 60 hours after the first dose of antibiotic effective against the causative uropathogen defined by:  $T < 38^\circ\text{C}$  and improvement (or resolution) of signs and/or symptoms of urinary tract infection if present at diagnosis

... and 1 more (see full listing online)

### Exclusion (20)

- Severe or complicated condition
- Any rapidly progressing disease or immediately life-threatening illness, including, but not limited to, septic shock, current or impending respiratory failure, acute heart or liver failure
- Admission or stay in intensive care unit at baseline
- Obstruction of the urinary tract
- Renal, perinephric or prostatic abscess

... and 15 more (see full listing online)

## Locations (9 total)

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CHU Bordeaux, Bordeaux, France  
Hôpital Foch, Boulogne-Billancourt, France  
CHU Mondor, Créteil, France

... and 6 more locations

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<https://clinicaltrials.gov/study/NCT05597540>

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