

# Transient Acute Kidney Injury after Chimeric Antigen Receptor T-cell Therapy in Patients with Hematological Malignancies

## Methods

Retrospective study

Vall d'Hebron University Hospital

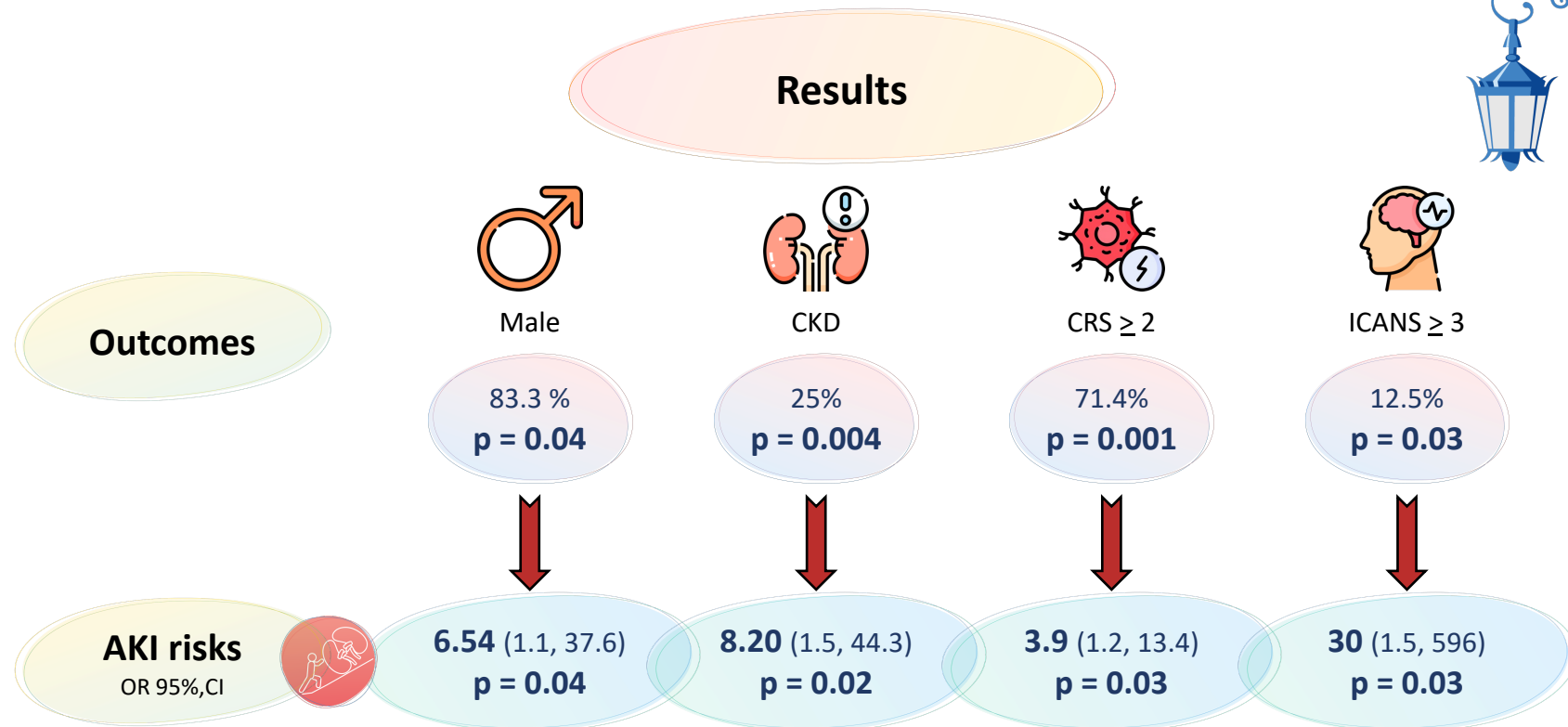
Hematological Malignancies  
N = 115 patients

AKI in CAR T-cell therapy

18 new onset AKI, 6 AKI over CKD

## Outcomes

## Results



AKI: Acute kidney injury; CAR: chimeric antigen receptor; CKD: chronic kidney disease; CRS: cytokine release syndrome; ICANS: immune effector cell-associated neurotoxicity syndrome

**Conclusion:** 21% developed AKI, usually in the first week after CAR T-cell infusion. 79% recovered kidney function within the first month post-treatment, suggesting that AKI is frequent but mild, with a fast recovery in this setting.

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