# IMPact of the COVID-19 epidemic on the moRTAlity of kidney transplant recipients and candidates in a French Nationwide registry sTudy (IMPORTANT)







## French nationwide registry



#### **Kidney transplant** candidates

ESRD patients in the national waiting list (active or inactive) alive on Feb 1, 2020

n = 16,210



# **Kidney transplant** recipients

Patients with a functioning graft alive on Feb 1, 2020

n = 42,812

Died during F/U



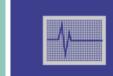
n = 275

Died due to COVID-19



n = 122



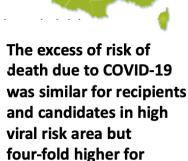


n = 42,537

Alive on June 1, 2020



n = 16,042



candidates in the low

viral risk area

## High viral risk area

>10% of emergency service admission for a suspicion of COVID-19 and/or > 80% of COVID-19 patients in ICUs

11.9 per 10<sup>5</sup> inhabitants

Low viral risk area

5.8 per 10<sup>5</sup> inhabitants

**Conclusion:** In case of a second epidemic wave, kidney transplantation should be suspended in high viral risk areas but maintained outside those areas, both to reduce the excess of deaths of candidates and avoid wasting precious resources.

Thaunat O, Legeia C, Anglicheau D, et al. IMPact of the COVID-19 epidemic on the moRTAlity of kidney transplant recipients and candidates in a French Nationwide registry sTudy (IMPORTANT). Kidney Int.

