

# COVID-19 has high mortality rate in kidney transplant recipients

French solid organ transplant registry data

**kidney**  
INTERNATIONAL

**ISN**  
INTERNATIONAL SOCIETY  
OF NEPHROLOGY

60  
years  
1960-2020

  
**n = 279**

  
Recipients with  
COVID-19



**243**  
Hospitalized



**36**  
At home



**106** Severe COVID-19  
(ICU/ Mechanical Ventilation/ Death)



**43** Died



## Risk factors for severe disease



**BMI >25 Kg/m<sup>2</sup>**

HR [95% CI]  
**1.65** [1.05, 2.60]



**Fever**

**2.01** [1.09, 3.71]



**Dyspnea**

**2.23** [1.47, 3.39]



## Risk factors for 30 day mortality



**Age > 60 yrs**

HR [395% CI]  
**3.81** [1.56, 9.31]



**Cardiovasc disease**

**2.04** [1.07, 3.90]



**Dyspnea**

**2.35** [1.23, 4.49]

**Conclusion: COVID-19 in KT recipients portends a high mortality rate.  
Risk factors for severe disease are close to that of general population.**

Caillard, Sophie, et al. An initial report from the French SOT COVID Registry suggests high mortality due to Covid-19 in recipients of kidney transplants. Kidney International (2020).

Visual Abstract by Divya Bajpai @divyaa24