COVID-19 has high mortality rate in kidney transplant recipients

French solid organ transplant registry data

- 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/m²: 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: 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.


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