



COVID-19 vaccine for patients with kidney disease

Can patients with kidney disease receive COVID-19 vaccine?

YES! Patients with kidney disease have higher risk for more severe COVID-19 infection and should be given priority to the vaccine.

Do we expect more side effects for kidney disease patients after COVID-19 vaccination?

COVID-19 vaccines have not been tested specifically on patients with kidney disease. However, we **do NOT expect more side effects.**

Why do we need to postpone vaccination for kidney transplant recipients?

Because the efficacy of vaccine will be **reduced** if the immune system is very low, especially in the first 3 months after kidney transplantation.

Is COVID-19 vaccine as effective in patients with kidney disease compared to healthy people?

The vaccines have not been tested specifically on patients with kidney disease. However, COVID-19 vaccine is expected to be LESS effective among patients with kidney disease due to lower immune system. Therefore, it is **IMPORTANT for us to continue with the preventive measure** even after receiving the vaccination.

Which type of COVID-19 is suitable?

ALL types of vaccine are suitable for patients with chronic kidney disease or on dialysis.

Kidney transplant recipients: Advisable to take inactivated vaccine (e.g Sinovac), mRNA vaccine (e.g Pfizer-BioNTech) or protein subunit vaccine (e.g Novavax)

Any good timing to receive COVID-19 vaccine?

As soon as it is available!

Kidney transplant recipients: Advisable to postpone vaccination till **3 months after transplantation.**