

**[Survey of the coronavirus disease 2019 (COVID-19) prevention and treatment systems for patients with kidney disease]**

(English translation)

**Questions:**

[1] Please select each option that applies to your facility.

- Facility is a member of the Japanese Association of Dialysis Physicians (JADP)
- Facility is a member of the Japanese Society of Dialysis Therapy (JSDT)
- Certified Japanese Society of Nephrology (JSN) educational facility

[2] Is your facility a designated hospital for the treatment of infectious diseases?

- Yes
- No

**<Scale of the facility>**

How many of the following staff members are involved in the nephrology department?

[3] Full-time doctors

( ) persons

[4] How many outpatients does your department treat each week? Please provide a rough estimate.

( ) persons

[5] What is the average number of inpatients in your department? Please provide a rough estimate.

( ) persons

**<Infection prevention measures in general nephrology practice>**

No.	Infection prevention measures	Yes	No
[6]	All medical staff wear goggles or face shields at all times during general practice.	<input type="checkbox"/>	<input type="checkbox"/>
[7]	All medical staff wear disposable, non-permeable gowns or plastic aprons at all times during general practice.	<input type="checkbox"/>	<input type="checkbox"/>
[8]	Medical staffs who are performing invasive procedures wear goggles or face shields.	<input type="checkbox"/>	<input type="checkbox"/>
[9]	Medical staffs who are performing invasive procedures wear disposable, non-permeable gowns or plastic aprons.	<input type="checkbox"/>	<input type="checkbox"/>
[10]	Upon visiting the facility, all patients are screened for infectious diseases using temperature measurements and interviews about their symptoms.	<input type="checkbox"/>	<input type="checkbox"/>

< Impact of COVID-19 on general nephrology practice >

[11] Have there been any changes in the number of outpatients in the general nephrology department?

- Yes
- No

[12] If yes, approximately how much has it changed?

\* -10% to +10% is equivalent to no change and was not provided as a choice.

- 50% or less
- 50% to -30%
- 30% to -10%
- 10% to 30%
- 30% to 50%
- 50% or more

No.	Questions	Yes	No
[13]	Did you increase the duration of the intervals between outpatient visits more than usual due to the COVID-19 pandemic?	<input type="checkbox"/>	<input type="checkbox"/>
[14]	Have you introduced online or telephonic medical care?	<input type="checkbox"/>	<input type="checkbox"/>

[15] Have there been any incidents where the lengthening of the intervals between outpatient visits and/or introduction of online/telephonic medical care caused obvious inconveniences?

- Yes
- No

[16] If yes, please describe the inconvenience, in detail, to the greatest extent possible.

( )

[17] Is there an inpatient ward at your facility?

- Yes
- No

[18] What is the total number of inpatient beds (not limited to nephrology) at your facility?

( ) beds

[19] If there is an inpatient ward for COVID-19 at your facility, please provide the number of beds in the ward.

( ) beds

Please select the infection prevention measures that your facility is currently taking

No.		Polymerase chain reaction test	Antigen test	Chest computed tomography	None of these
[20]	Emergency admission cases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
[21]	Scheduled admission cases	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

[22] Have there been any changes in the number of hospitalized patients in the general nephrology department?

Yes

No

[23] If yes, please provide an approximation of this change.

\* -10% to +10% is equivalent to no change and is not provided as a choice.

-50% or less

-50% to -30%

-30% to -10%

10% to 30%

30% to 50%

50% or more

[24] Do you have any experience with treating chronic kidney disease (CKD) patients with COVID-19?

Yes

No

[25] If yes, how many cases have you treated?

( ) cases

[26] How many of the CKD patients with COVID-19 who were treated at your facility received the following treatments?

Oxygen administration

( ) cases

Ventilatory management	( ) cases
Extracorporeal membrane oxygenation	( ) cases
Continuous hemodiafiltration	( ) cases
Transient hemodialysis	( ) cases
Introduction of maintenance dialysis that was triggered by COVID-19	( ) cases
Polymyxin B-immobilized fiber column direct hemoperfusion	( ) cases

[27] If you had experiences that involved transferring COVID-19 positive cases to another hospital, what hospital did you transfer them to?

- No experience in treating COVID-19 cases that required hospital transfers
- Designated hospital for the management of infectious diseases
- University hospital
- General hospital

[28] When a CKD patient with COVID-19 needed to be transferred to a hospital, did you experience difficulties with coordinating a hospital that would accept them?

- Yes
- No

[29] With respect to the patients with CKD who were affected by COVID-19, please indicate the number of cases with the following outcomes:

Remission	( ) cases
Severe complications (e.g., cerebral infarction, foot gangrene, etc.)	( ) cases
Death due to COVID-19	( ) cases
Death due to another cause (not COVID-19)	( ) cases

[30] Were there any cases in which COVID-19 was diagnosed immediately after the introduction of dialysis?

- Yes
- No

[31] Were there any cases of nosocomial COVID-19 transmission (horizontal COVID-19 transmission among staff members or patients within the facility) that were related to the nephrology unit?

- Yes
- No

[32] If this happened, how many people were infected in total?

(    ) persons

[33] How many of the infected people were staff members?

(    ) persons

[34] Please tell us about any innovations, difficulties, or other points you have noticed with respect to your facility's COVID-19 prevention measures and medical treatment systems.

(                    )