



Hemodialysis Patients with COVID-19 in Lebanon (Eighth Report)

Date: 2nd November 2020

Prepared by: The National Committee for Kidney Health

(Dr Mabel Aoun, Dr Hussein Karnib, Dr Sahar Koubar, Dr Jihad Makkouk, Mr Ali Roumani)

Background

Lebanon has ~4270 patients on chronic hemodialysis, distributed as follows:

- Beirut: ~760 patients
- Mount Lebanon: ~1530 patients
- North: ~960 patients
- South: ~610 patients
- Beqaa: ~410 patients

Cases of SARS-CoV-2 in Lebanese hemodialysis units

Up to October 26, 2020, 50 out of 80 hemodialysis units experienced cases of COVID-19 among their dialysis patients.

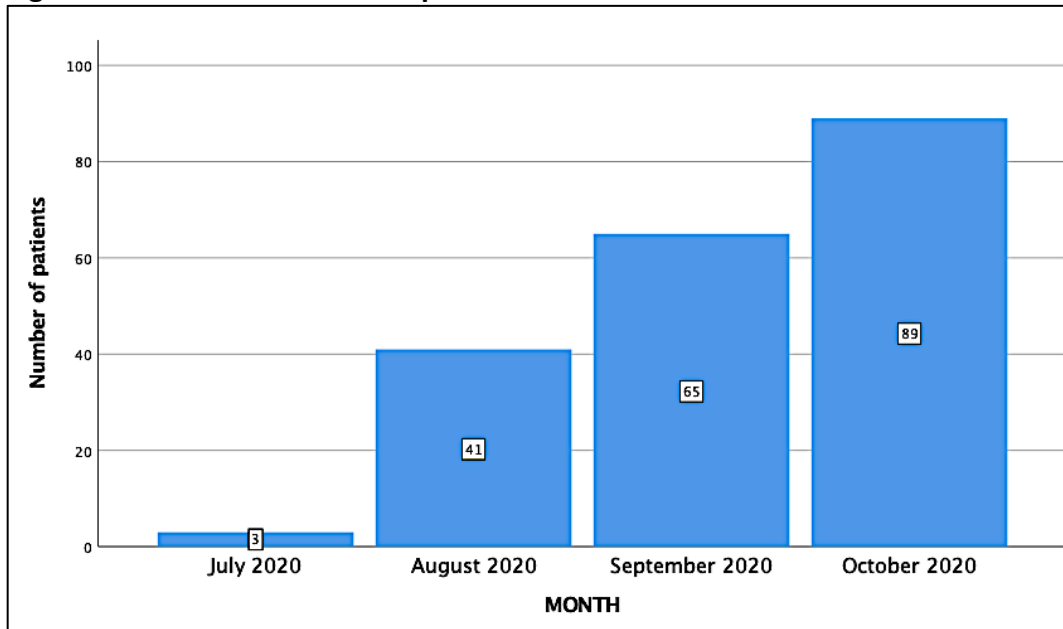
A total of 198 dialysis patients were reported with SARS-CoV-2 infection across Lebanon and distributed as follows: 53 cases in Mount-Lebanon, 77 cases in the North, 41 cases in Beirut, 10 cases in Beqaa and 17 cases in the South.

Characteristics of these patients:

- Mean age: 61.84 ± 13.93 years
- 58.6% were males and 41.4% females
- 52% were diabetics

The number of patients per month is increasing progressively since July 2020 (Figure 1).

Figure 1. Number of new cases per month



89.4% were symptomatic and the majority had respiratory symptoms and fever.

Admission to a COVID unit

Ninety patients or 45.5% of the total number of infected patients were admitted to a COVID unit. Rafic Hariri University, Tripoli Governmental, Saydet Zgharta and Makassed Hospitals received the highest number of patients.

Outcome of patients

Thirty-five out of the 198 patients died: 18 males and 17 females (Table 1).

Table 1. Case Fatality Rate (CFR) per category of age

Age category	Total number of patients	Number of deaths	Case Fatality Rate (deaths among cases)
18 to 29	6	0	0.00%
30 to 59	65	6	9.23%
60 to 69	60	12	20.00%
70 to 79	54	10	18.51%
Above 80	13	7	53.84%
Total	198	35	17.7%