



REPUBLIC OF LEBANON
MINISTRY OF PUBLIC HEALTH

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

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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 November 16, 2020, 53 out of 80 hemodialysis units experienced cases of COVID-19 among their dialysis patients.

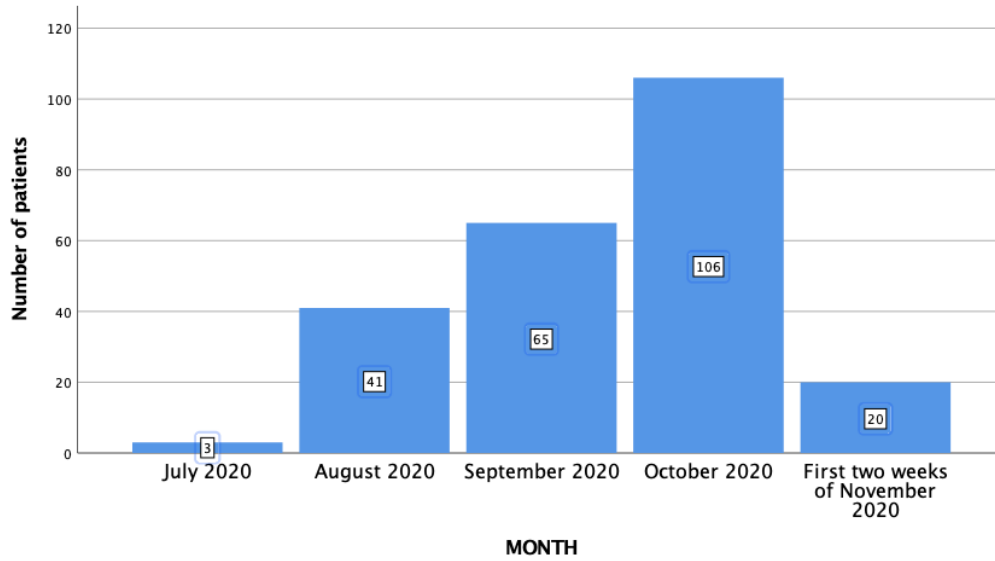
A total of 238 dialysis patients were reported with SARS-CoV-2 infection across Lebanon and distributed as follows: 65 cases in Mount-Lebanon, 92 cases in the North, 47 cases in Beirut, 17 cases in Beqaa and 17 cases in the South.

Characteristics of these patients:

- Mean age: 61.90 ± 14.22 years
- 58.6% were males and 41.4% females
- 51% were diabetics

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

Figure 1. Number of new cases per month



90% were symptomatic and the majority had respiratory symptoms and fever.

Admission to a COVID unit

A total of 105 patients were admitted to a COVID unit in 25 hospitals. Rafic Hariri University, Tripoli Governmental and Saydet Zgharta Hospitals received the highest number of patients.

Outcome of patients

Fifty out of the 238 patients died: 29 males and 21 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	8	0	0.00%
30 to 59	77	8	10.39%
60 to 69	70	17	24.28%
70 to 79	65	17	26.15%
Above 80	18	8	44.44%
Total	238	50	21%