



REPUBLIC OF LEBANON
MINISTRY OF PUBLIC HEALTH

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

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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

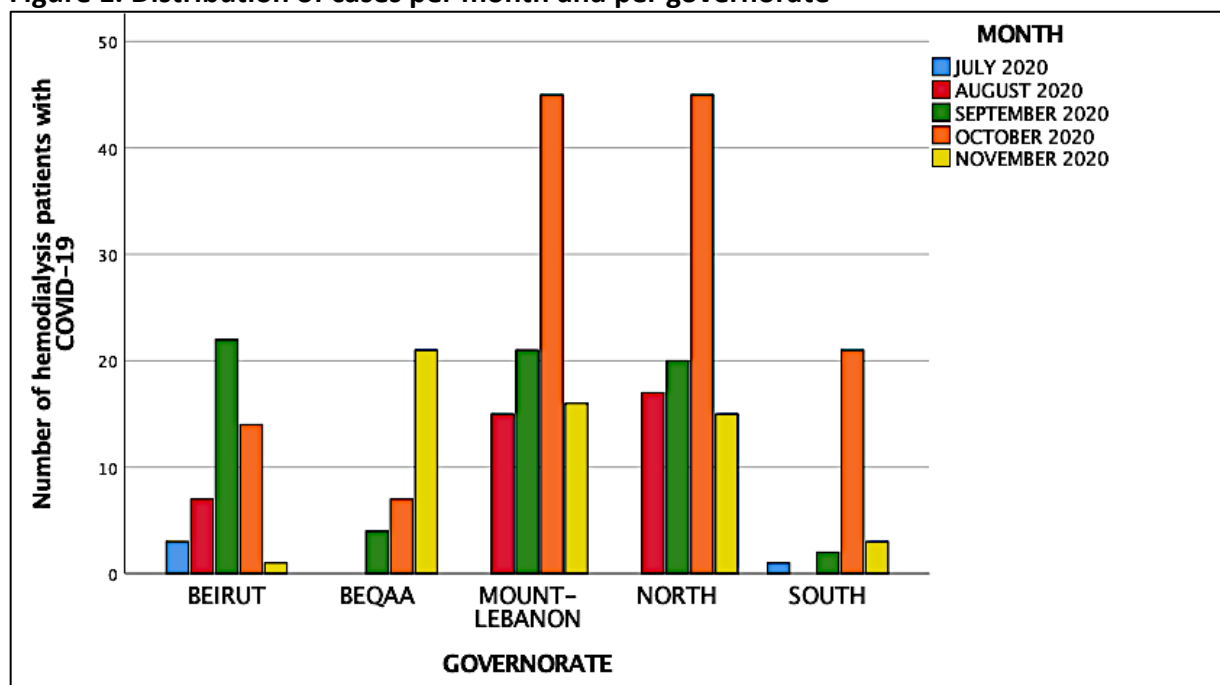
Up to November 30, 2020, 55 out of 80 hemodialysis units experienced cases of COVID-19 among their dialysis patients.

A total of 300 dialysis patients were reported with SARS-CoV-2 infection across Lebanon and distributed as follows: 97 cases in Mount-Lebanon, 97 cases in the North, 47 cases in Beirut, 32 cases in Beqaa and 27 cases in the South (Figure 1).

Characteristics of these patients:

- Mean age: 61.14 ± 14.62 years
- 54% were males and 46% females
- 48.7% were diabetics

Figure 1. Distribution of cases per month and per governorate



90.3% were symptomatic and the majority had respiratory symptoms and fever.

Admission to a COVID unit

A total of 128 patients (42.8%) were admitted to a COVID unit in 32 hospitals. Rafic Hariri University, Tripoli Governmental and Saydet Zgharta Hospitals received the highest number of patients.

Outcome of patients

Fifty-seven out of the 300 patients died: 33 males and 24 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	12	0	0.00%
30 to 59	102	10	9.80%
60 to 69	88	20	22.73%
70 to 79	76	18	23.68%
Above 80	22	9	40.91%
Total	300	57	19%