



## **Hemodialysis Patients with COVID-19 in Lebanon**

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**Prepared by: The National Committee for Kidney Health**

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### **Background**

Lebanon has ~4100 patients on chronic hemodialysis, distributed as follows:

- Beirut: ~762 patients
- Mount Lebanon: ~1562 patients
- North: ~860 patients
- South: ~616 patients
- Beqaa: ~402 patients

### **Cases of SARS-CoV-2 in Lebanese hemodialysis units**

As of September 8, 2020, 18 out of 80 hemodialysis units experienced cases of COVID-19 among their dialysis patients.

A total of 40 dialysis patients were diagnosed with SARS-CoV-2 infection across Lebanon and distributed as follows: 14 cases in Mount-Lebanon, 13 cases in the North, 11 cases in Beirut and 2 cases in the South.

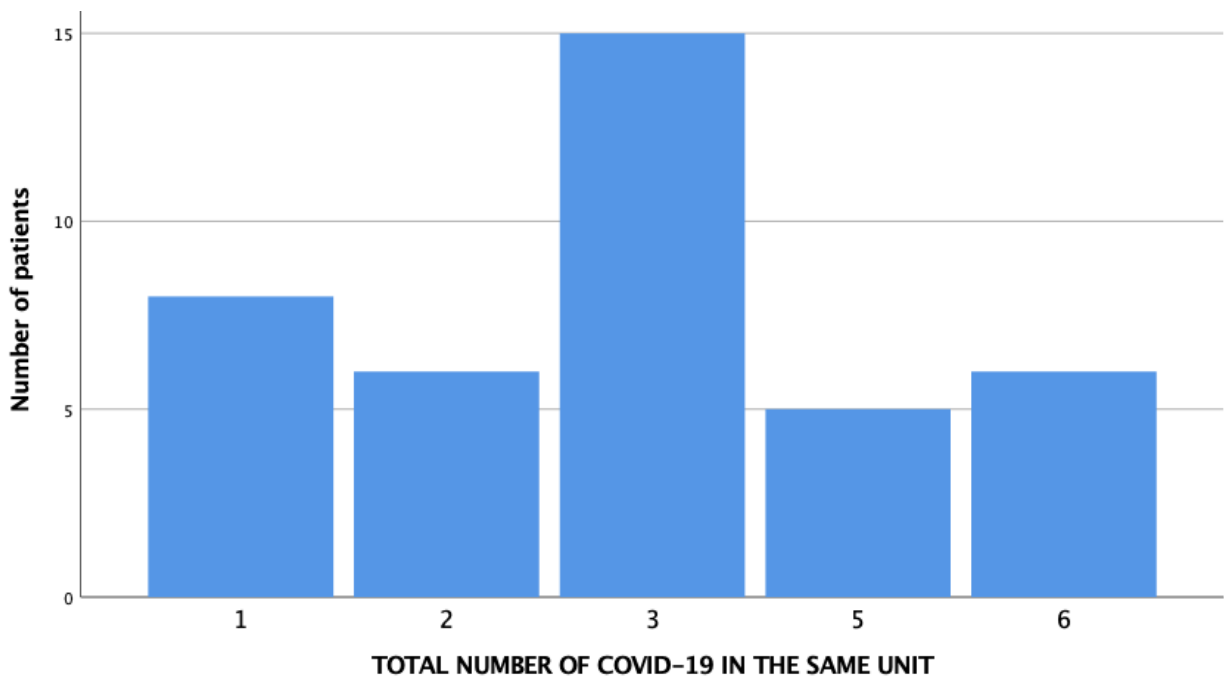
39 were on chronic hemodialysis and one patient was shifted from peritoneal dialysis to hemodialysis.

**Characteristics of these patients:**

- Mean age: 59.45 ± 15.70 years
- 55% were males and 45% females
- 55% were diabetics

80% of these cases occurred in clusters of two to six patients in a single dialysis unit (Figure 1).

**Figure 1. Clustering of COVID-19 cases in dialysis units**



87.5% were symptomatic and the majority had respiratory symptoms.

Eighteen patients or 45% of the total number of infected patients were admitted to a COVID unit. Rafic Hariri University Hospital, Dar el Amal Hospital and Tripoli Governmental Hospital received the highest number of patients.

**Outcome of patients**

Six out of the 40 patients died (15% of the total or 33% of the admitted).