

Due to modification of use from residential building to specialized medical complex, Freyssinet has been appointed to design and build all strengthening work required to meet new criteria (upgrade in lateral loads resistance, additional loading criteria, additional structure, connection of buildings, MEP requirements, alteration of floors as per demolishing plans).

Freyssinet brought its turn-key solution through its design capacity, its unique own products and its specialized operation teams coming from different continents.

The main technics used:

- Dry shotcrete to strengthen vertical and horizontal elements by application of ForevaCrete 60.8 as the only product on the market that met the project material specifications (1900 tons applied)
- Carbon-glass fiber fabric to strengthen pre-stressed concrete slabs with Foreva® TFC-H 300 (26,000 m applied)
- PT tendons lock-off by creation of new epoxy based chemical anchors (1500 units)
- Free flowing micro-concrete to for slab filling of construction of new structural elements (600 m3 casted)

Freyssinet Gulf LLC, PO Box 36211, Dubai, UAE

Tel: +971 4 2094 900 - Fax: +971 4 2094 910

fme@freyssinet.sofr.me www.freyssinet-me.com

Repairs

Structural strengthening due to change of use

Clemenceau Medical Center
Amman, Jordan



Client

Abdali Clemenceau Hospital
Company

Consultant

CCC / AECOM

Contractor

ATCCO

Execution Mar – Dec 2016