

Danat Al Emarat Women's & Children's Hospital Abu Dhabi, UAE

Client: United Middle Eastern
Medical Services
Abu Dhabi, UAE

Scope: 260-beds Hospital
21-storey Building
700,000 sq. ft

Danat Al-Emarat (DAE) -- the "Pearl of the Emirates" is a state-of-the-art, 260-bed hospital that pays tribute to mothers, women and children of Abu Dhabi and the UAE. The 21-storey facility will be the first all-digital hospital in Abu Dhabi, featuring medical/surgical services, maternity services including a labor evaluation unit, a high-risk pregnancy unit, labor/delivery/recovery rooms, a special care nursery and mother/baby unit, inpatient and outpatient surgical suites, a 24-hour emergency department, adult and pediatric intensive care units and a wellness institute.

The highlight features of the sustainable design include 100% outside air with heat recovery and displacement ventilation systems. In order to protect the vital and scarce water supply in Abu Dhabi, condensate water is used for pre-cooling and then processed for use in water features and the irrigation system.

The project will be Gold LEED Certified and Abu Dhabi Green Buildings 4 Pearls.

