



## “Sirus was awarded the contract for Cork Medical Centre based upon our expertise in Pharmaceutical and Healthcare Plants and also because our ability to work between trades, namely Test & Balancing, Theatres Validation and BMS...”

Cork Medical Centre is a 140,000 square foot State of the Art Medical facility, probably the most technologically advanced hospital ever developed in Ireland, which includes 73 single in-patient bedrooms (including 3 isolation bedrooms) and 25 consultants' suites.

The main focus of the hospital is surgery: there are four high-tech Operating Theatres and a same day surgery centre with 20 out-patient beds.

The project consisted of:

- 4 Operating Theatres, including 2 Ultra Clean Operating Theatres;
- 14 AHUs feeding General Areas, Consultancy Suites, Wards, Endoscopy, Intensive Care Unit, Kitchen, etc...;
- 2 chillers and 2 boilers, rotating in a weekly principle.

Sirus Test & Balancing team was responsible for the balancing of the air and water systems of the totality of the grilles and valves throughout the building. Sirus was also in charge of the balancing of the operating theatres, including setting of room differential pressures and HEPA filters testing.

Sirus succeeded in this project thanks to the ability of the two teams to work together optimizing the tasks and assuring at the same time the best operating conditions possible for the building BMS and HVAC systems.



**CLIENT**  
Sheehan Medical

**FINAL CLIENT**  
Cork Medical Centre

**LOCATION**  
Mahon, Cork,  
Ireland

**SERVICES PROVIDED**  
AHUs Commissioning & Balancing,  
Theatres Commissioning,  
HEPA Filters Testing,  
Water Commissioning & Balancing.

**VALUE OF SERVICE**  
€65,000

**DURATION**  
June to October 2010

**REFERENCE CONTACT**  
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**PARTNERS**  
Suir Engineering Ltd.