

NHSSCOTLAND PROJECT FACT FILE

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| Health Facility Project Name | Emergency Care Centre |
| Location | Aberdeen Royal Infirmary, Foresterhill, Aberdeen. AB25 2ZB |
| Population served | 555,280 (Grampian) |
| Type of healthcare facility | University Teaching Hospital |
| Type of construction | New Build, linked to existing hospital site facilities |
| Construction start date (estimated or actual) | June 2009 – Actual Date |
| Construction completion date | October 2012 – Contract Date |
| Gross floor area (m²) | 31,074 m ² |
| Project, design and construction cost | £109.972M Design & Other Fees £7.448M Construction £88.549M NHS Internal Costs £3.504M Equipment £10.471M Land Acquisition – NHS Owned Site |
| Cost per m² | £3,539 |
| Total bed numbers | 365 In-patient Beds 30 A&E Assessment Trolleys (75% of beds in inpatient areas with expected stay > 48 hours are in single rooms) |

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| Departmental information | 8 Clinical Floors Ground Floor Emergency Dept with Integrated GP Out of Hours Service, Fracture Clinic & Radiology Imaging 1st Floor NHS24/G-MED Operations Centre, Medical Initial Assessment, Radiology Imaging and Pharmacy 2nd Floor Medical Short Stay & Medicine for Elderly Assessment Unit 3rd Floor Gastro-Intestinal, Endoscopy Unit & General Medicine Wards 4th Floor Medical HDU/CCU & Respiratory Wards 5th Floor Renal & Cardiology Wards 6th Floor Infectious Diseases & Diabetes/Endocrinology/Rheumatology/Dermatology Wards 7th Floor Haematology & Oncology Wards Equipment CT Scanner 5 Digital Imaging Rooms 2 Ultrasound Rooms |
| Client/owner | NHS Grampian http://www.nhsgrampian.org |
| Project Manager/Key contact(s) | Anna Daley Anna.daley@nhs.net 01224 552099 |
| Capital procurement route | Public Capital |
| Project management | NHS Grampian Contact is Project Manager named above |
| Architects | Mackie Ramsay Taylor |
| Contractor | Robertson Dawn Health |

| <p>Services</p> | <ul style="list-style-type: none"> • Emergency Dept (Resus/Majors/Minor Injury) • Integrated Out of Hours Primary Care • Emergency Dept Review Clinic Service • Radiology – Plain Film/CT/Ultrasound • Operations Centre (NHS24, OOH Primary Care, Social Work, OOH Community Nursing, Community Psychiatric Service, Liaison Psychiatry, Flow and Bed Mgt) • Pharmacy • Acute Medical Initial Assessment & Obs Ward • Medical Short Stay • Inpatient Medicine for the Elderly Assessment Service • Inpatient GI Emergency Endoscopy Service • Inpatient General Medicine Service • Medical High Dependency & Coronary Care • Inpatient Respiratory • Inpatient Renal • Inpatient Cardiology • Inpatient Infectious Diseases & Outpatient HIV • Inpatient Rheumatology, Dermatology, Diabetology & Endocrinology • Inpatient Cancer |
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| <p>Key facts</p> | <p>At the Aberdeen ECC, an early innovative decision was to change the structure from steel to concrete with a post tensioned floor slab. This helped the client by having more open floor plates due to greater spans, allowed for a 'flat slab' soffit which optimised the use of off-site manufactured service modules saving programme time and reduced the height of the building, which saved the client cost.</p> <p>Innovation was further utilised in adding the partition heads to the prefabricated service modules, saving further on-site time and making for a better quality and safer installation.</p> <p>Further examples of an innovative approach included working in integrated teams fully co-located, the use of modular wiring and a web based logistics system which controlled all site deliveries minimising the requirement to store on site.</p> <p>A clear and regular use of an 'early warning' process allowed potential problems, which could have time and cost implications, to be identified early, discussed as a project team and thus mitigated or avoided.</p> |