

New Build Aseptic Unit at Craigavon Area Hospital

**Trust Board Meeting
23rd May 2019**

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&
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Director of Pharmacy**



Introduction

- Aseptic dispensing is the preparation and supply of sterile medical products using practices and procedures to prevent contamination from pathogens
- CAH prepares a range of treatments:
 - ✓ Chemotherapy for a number of specialties
 - ✓ Biologic therapies for severe inflammatory arthritis, dermatological conditions and inflammatory bowel conditions
 - ✓ Total Parental Nutrition (TPN) used mainly in the Intensive Care Unit and Neonatal Unit
- The preparation is carried out by trained technicians and pharmacists under environmentally controlled conditions that prevent contamination and protect staff



Introduction

- Aseptic technique uses practices and procedures to prevent contamination from pathogens
- Shelf life is short – most regimens are prepared the day before or on the day of treatment
- Giving a patient a contaminated product can cause serious adverse effects



Deficiencies with Current Accommodation

- The old Aseptic Unit is a modular structure attached to the Pharmacy Department in CAH
- Commissioned in **1999**
- 2 small rooms – housing equipment to prepare cancer therapies
- 1 TPN room – housing equipment for total parental nutrition preparation
- Shared support room, office area & changing facilities



Deficiencies with Current Accommodation

- The building does not meet service requirements in terms of:-
 - a) Standards of accommodation
 - b) Capacity for preparation of chemotherapy items, biologic therapies etc
 - c) Clinical adjacencies/quality of patient care
- Environmental standards do not meet the guidelines – results of microbiological monitoring of the support area frequently exceed the standards
- Lacks 2 stage changing resulting in 'Critical' external audit finding

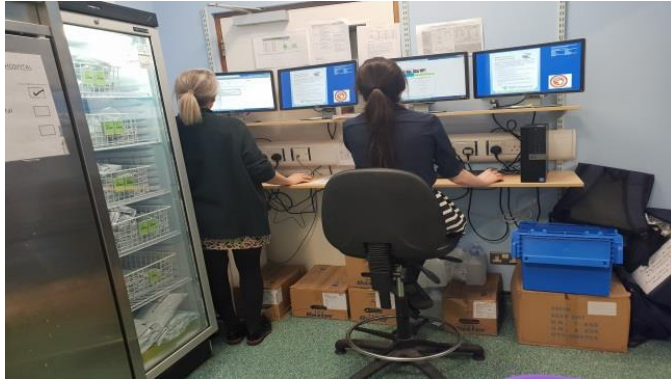


Deficiencies with Current Accommodation

- Clean rooms are too small
- Insufficient capacity for current and future demand
- Distance from the Cancer Unit is excessive
- There is no counselling room



Current Deficiencies



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Project Process

- **Outline Business Case** – approved July 2016
- **Total Allocation:-**
 - ✓ Capital - £3,368,537
 - ✓ Revenue - £61,000
- Funding was allocated to commence design in the Summer of 2016
- An extensive period of design followed along with the appointment of a contractor to take forward the works.



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New Aseptic Suite

- The new building meets all the standards. It comprises:
 - ✓ First stage changing
 - ✓ Second stage changing
 - ✓ Chemotherapy support room and clean room
 - ✓ TPN support room and clean room
 - ✓ Dispensary
 - ✓ Counselling room



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New Aseptic Suite

- ✓ Office
- ✓ Staff rest room/kitchen
- ✓ Store
- ✓ First floor plantroom housing extensive mechanical and electrical services



Project Process

- Construction commenced on 8 January 2018
- Handover to the Trust took place on **30th April 2019**
- There is now a period of Trust Commissioning prior to the move of the service to the new Unit



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Benefits

- The new building is located at the front of the Macmillan Building
- Enhanced quality of patient care
- Reduction in waiting time for prescriptions to be dispensed
- Accommodation that meets Pharmaceutical Standards
- Flexibility to manage future demand
- Provision of a counselling room
- Improvement in staff morale



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New Aseptic Unit Facility



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