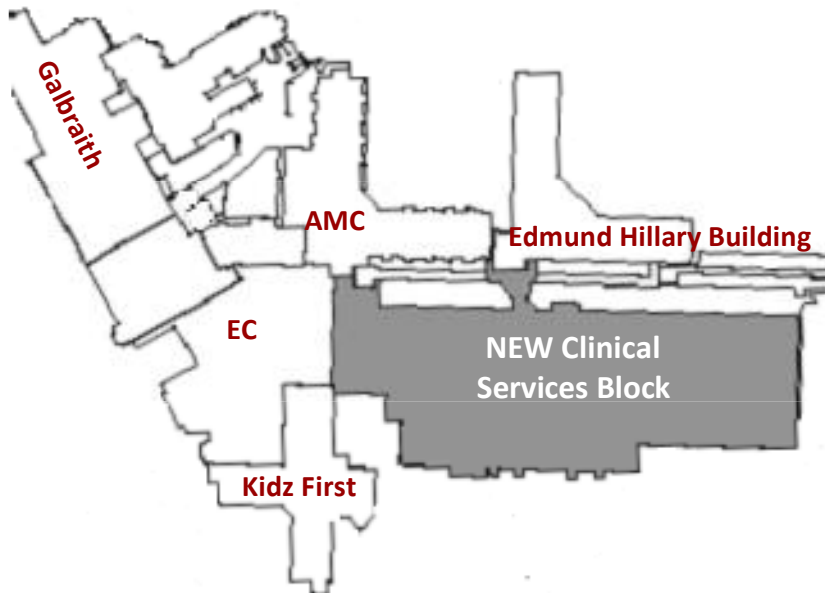


**February 2010**

## NEW Clinical Services Block (CSB) planned for Middlemore



We are coming up to another exciting chapter in the development of the Middlemore Site.

While the remainder of the Edmund Hillary Building (Basement, Ground, Levels 1, 2 and 5) nears completion (June 2010) planning is well underway for a new Clinical Services Block (CSB).

This purpose built building will bring services together in a modern and functional facility. There will also be links to other major buildings, providing easy access for patients, visitors and staff.

“Our population continues to expand and we need this new facility to help meet our current and future demands,” says Chester Buller, Manager Capital Works.

The new building will be 4 levels high and will be located in the centre of Middlemore Hospital (see above). This will result in the demolition or removal of the Rainbow Corridor and Buildings 13, 14 and 15, 17, 24 and 45. From September 2010 services and departments occupying these buildings will be moved to temporary or permanent accommodation.

Construction of the Clinical Services Block (CSB) will take place in two stages. Construction for the 1<sup>st</sup> stage will commence in October 2010 with completion late 2013. Funding for the 2<sup>nd</sup> stage is yet to be confirmed. The following services will be moving into the CSB

### Stage 1:

- **Basement:** Non Clinical Support, Orderlies, Patient Information Services, Clinical Coding, Linen, Kitchen, Inwards Goods, Mail Room, Cleaning Services, Waste and Medical Gas Store.
- **Ground:** APU (Assessment Planning Unit)
- **1<sup>st</sup> Floor:** HDU (High Dependency Unit)

- **2<sup>nd</sup> Floor:** Theatres

- **3<sup>rd</sup> Floor:** Sterile Supply, Plant

### Stage 2: (pending funding)

- **Ground:** Radiology, Photography, Pharmacy and Phlebotomy

- **1<sup>st</sup> Floor:** Laboratories

This includes Gastroenterology and Haematology, Clinical Coders, Mail Room, Spiritual Centre, Telephonists, Clinical Pharmacy, Linen, Kitchen, Waste, Household Offices, Lost Property, University of Auckland, Library, Academic Lecture Theatre, Allied Health (Physio, OT etc) and RMO Lounge.

Migration planning is underway and move dates and locations will be confirmed shortly.

## NEW CSB planned for Middlemore Site

“There will be some major changes taking place in the next few months as we start to prepare the CSB site for construction,” says Mr Buller.

This will involve the migration of services, changes to parking and access routes around the construction zone and the demolition of buildings.

“The project team has been doing a lot of planning behind the scenes and all of the building works will be staged to minimise disruption,” says Mr Buller.

“This will be a challenging project and we will be asking for your support and patience as we move forward. The end result will be a modern, accessible and functional Health Care Facility.”

### Want to know more?

In March 2010 we will be inviting all staff to attend a presentation to discuss the various stages and how you will be affected.

It's a great opportunity to find out about this exciting project and ask any questions of the Project team.

Presentation dates and times will be posted shortly. We will also be providing regular updates on the Towards 20/20 notice-board and web site. Access via SouthNet.

## Allied Health to move to the Edmund Hillary Building

The current Acute Allied Health team is situated off the Rainbow Corridor which is planned for demolition to enable the building of the Clinical Services Block (CSB). A combination of Allied Health staff from the Acute Allied Health Inpatient Team and AT&R will move to the ground floor of the Edmund Hillary Building in June this year.

Staff will be accommodated in large open areas which will serve as work and meeting spaces and house an increasing number of final year students on placement.

An 80 square metre therapy gym will provide a place for adult inpatients who require rehabilitation. In addition a rehabilitation garden is planned for outside the facility, around the large oak tree which has been carefully protected throughout the building of the Edmund Hillary Building.

Allied Health equipment such as frames, wheelchairs etc will be assembled, cleaned and stored in the North wing of the basement.



*A rehab garden is being planned for the space above*

Outpatient Allied Health clinics will be run from the current AT&R gymnasium and refurbished clinical areas from August 2010.

Both services have been working on new models of care in preparation for the move.

## Improved facility for Gastroenterology Department

The staff from the Gastroenterology Department are looking forward to moving into their new department on Level 2 of the Edmund Hillary Building.

“We have been in our current area (Building 15) for a number of years and are looking forward to being a part of the main Hospital,” says Nigel Naylor, Gastroenterology Charge Nurse.

“Our new location next to the future Gastro Ward will result in a smoother transfer of patients between departments and quicker access to services within the Hospital.”

Nigel says the new department has been purpose built and includes:

- A large recovery space consisting of 7 beds and a 2<sup>nd</sup> stage recovery area consisting of 2 lazy-boy chairs.
- Pre-procedure bays for those patients requiring additional preparation prior to a procedure.
- Large waiting room.
- Central reception for patients and visitors.
- 4 x Clinic Rooms.
- State of the art procedure rooms. One will be GA (General Anaesthetic) capable with future proofing for the 2<sup>nd</sup> room. Patients requiring a GA currently have to go to Theatre.
- Office space.



*Procedure Room*



*Recovery area*

“It will be great to have the additional space to work with,” says Nigel.

“It will enable our service to expand and put in place systems that will serve us well into the future.”

### *Did you know ...*

As its name suggests the Gastroenterology Department treats conditions of the Gastro system such as crohns disease, colon and rectal cancer, gall stones, irritable bowel, ulcerative colitis, peptic ulcer disease etc

What you may not know is the Gastroenterology Department also carries out bronchoscopies and treats conditions of the liver e.g. pancreatitis.

On average 500 procedures are carried out each month with 26 clinics per week. Gastroenterology outpatient procedures are also carried out at the Manukau Health Park (currently known as the SuperClinic and Surgery Centre).

If you would like more information contact Nigel Naylor, Clinical Nurse Manager on extn: 8264.

## A bit of History: The Gastroenterology Service at Middlemore in the 1970's



*The procedure room in the new Gastroenterology Department. Barbara Hunter is inspecting the fibro-optic gastroscope while the other two nurses are getting ready for the patients. This room can accommodate three patients at a time. Some years earlier it was one of the operating theatres in the old theatre suite.*

- The first Gastroenterology Service at Middlemore Hospital was set up in 1967 by Dr Clifford Tasman Jones in a part-time capacity. This included a consultative service on the wards, an Outpatient Clinic (which increased to 2 in 1970) and diagnostic procedures.
- Pam Brown Gastroenterologist and physician took over the service in 1970.
- There was no designated area for Gastroenterology in 1970 so Ward 17 was used for gastro diagnostic tests.
- A regular endoscopy service commenced in the 70's which included being on call for all emergency gastrointestinal bleeds. There was only one Gastroenterologist which meant he or she had to make themselves available 24/7.
- In 1975 part of the wing in which the old Orthopaedic Theatre and staff lounge were situated was converted into a specifically designed Gastroenterology Department. The staff were delighted to finally have a spacious area in which endoscopies and other procedures could be carried out.
- In the late 70's Gastroenterology clinics increased from two to four outpatient clinics per week, each with 25 to 30 patients.
- In addition there were daily endoscopy sessions, two colonic lavage clinics per week, acid studies, liver biopsies etc on demand and ward and external hospital referrals.
- Lectures were also given to the local GP's after hours, and this cemented a closer relationship between the local doctors and the department.

*The above information was taken from Middlemore Memories*

## New MHSOP ward is patient focused

Building works are progressing and the new Mental Health Services for Older People (MHSOP) Ward is taking shape.

Features include:

- A sanctuary space for 'quiet time'.
- A walking route around the ward for patients who suffer from dementia.
- A functional kitchen.
- More single rooms – each with its own bathroom. This will make a major difference to patient privacy and provide a more dignified and respectful environment.
- The ward will enable a more patient focused model of nursing care with appropriate spaces for therapeutic activities.



*The walking track*

## New Discharge Lounge planned for Edmund Hillary Building

The new Discharge Lounge, planned for the Edmund Hillary Building will free up beds in the wards, speed up the discharge process and provide a pleasant waiting area.

Located on the Ground Floor, the Discharge Lounge will seat up to 15 people and provide a comfortable place to wait until transportation arrives. It's a much nicer environment than waiting on the wards and helps free up beds for inpatients.



*The Discharge Lounge will open mid 2010.*

"We are still working out the details and a survey is currently being carried out to determine how we can get the best use out of this space," says Dot McKeen, Service Manager, Acute Care.

We will bring you an update in the next issue.

## Staff from Bereavement Care Services settle into new Department

It has been a couple of months since Bereavement Care Services moved into their new facility in Building 2, ground floor.

“We all thought we would miss building 18 (our old location) and it would take some time to settle in, but it’s been the exact opposite,” says Kola Fue, Team Leader.

“Our new home is comfortable and more accessible for visitors and staff. We are particularly delighted with the open deck which is frequently used by our visitors. The deck can also be used as an extension of the whanau/viewing rooms.”

“We still have some minor teething problems, but on the whole everything is working out very well,” says



*The Bereavement Care Team: Back row (left to right) Kola Fue, David Aro (CEO), Ted Pomare, Adelaide Gleeson, Renee Arthur. Front Row: Chris Aro and Rebecca Passi*

Kola. “It’s nice to hear the compliments from families, Funeral Directors and staff, saying how lovely it is that we are now part of the main Hospital.”

## New Assessment Observation Unit (AOU)

Construction is progressing on the new AOU, located within Emergency Care (EC). This involves the refurbishment of the recently vacated Bereavement Care Services and Radiology Offices and a small section of the Adult Short Stay Unit.

The AOU will primarily see medical patients who have been referred by a GP or Accident and Medical Clinic. Once treated, patients will be transferred to an inpatient ward. Patients requiring urgent treatment will continue to be seen in EC.

“It’s been a challenging job, as the construction zone is directly below an operating department,” says Tami McKay, RCP Project Manager.

“Mainzeal are actively keeping noise levels to a minimum and are keeping staff updated on a regular basis.”



*Construction of bed bays - AOU*

The new AOU will be completed in April 2010 and will consist of 15 bed spaces.

Many thanks to EC, Theatres and Radiology staff for their patience and cooperation.

## Update: New AMC Links and Lifts



Laying the foundation for the new link (August 2009)

The new AMC patient lifts will provide quick and easy access for staff and patients going to and from the AMC. The new lifts are larger, faster and more reliable than the current patient lifts and will be automated (similar to the Edmund Hillary lifts).

The lift lobbies will be spacious with good patient and staff flow in and out of the wards and clinical areas. Once the new lifts are up and running the old patient lifts will swap around i.e. open to the other side and become the public lifts. These are larger than the current public lifts operating within the AMC. The old public lifts will then be removed.

The new link connecting the AMC and Edmund Hillary Buildings will replace the Rainbow Corridor and



New Lift Lobby – Level 1.



The new link takes shape (January 2010)

will provide ground floor access for the public travelling between the two buildings and level 1 access for patients and staff.

Building works	Completion Date
Completion of public and staff links between AMC and Edmund Hillary Buildings	May 2010
Replacement of AMC patient lifts with AMC public lifts	August 2010
Removal of existing AMC Public Lifts and replacement with: Ground (Store), Level 1 (Public Toilets), Level 2 (AT&R Kitchen) and Levels 3-5 (Staff Room)	October 2010

## Construction update: BreastScreen Manukau SuperClinic



*Open plan office area*



*Waiting Room*



*Reception*

The new facilities for BreastScreen Counties Manukau (BSCM) at the Manukau Health Park (currently known as the SuperClinic and Surgery Centre) are looking great.

This includes office space for staff transferring from BSCM at Lambie Drive, a larger waiting area for women, an additional mammography screening room, a mammography viewing area and a larger area for the MRT workstations.

The additional mammography room will allow for the service to screen over 4,000 additional women each year.

“Its great to see the progress being made and the rooms taking shape,” says Tami McKay, RCP Project Manager. “The architects and builders have done a great job in creating an internal office with a lot of natural light. The use of the old spot lighting in reception creates a nice feature. We are pleased we could provide a facility where the entire BSCM team can be located together.”

## New Ultrasound machine at Manukau SuperClinic will reduce waiting times for scans

Radiology's new Ultrasound room with state of the art equipment will result in an improved service for outpatients requiring a scan.

Approximately 500-600 patients require ultrasounds on a weekly basis and this number is expected to increase in line with our population.

"The additional Ultrasound scanner will help us meet our current and future demands and provide a more timely and efficient service for outpatients," says Olwen Clarke, Ultrasound Team Leader.

"Staff are also looking forward to working in a new facility. Sonographers will be scanning on the latest Toshiba Aplio XG ultrasound scanner, which produces clear and sharp images and will have an in-room hydrogen peroxide probe disinfection unit provided by Nanosonics."

Olwen says the entire sonography team had input into the layout and design of the new scan room, which is comfortable, efficient and safe. "We were keen to have a scan room with a modern contemporary feel and are delighted with the result," says Olwen.

"Many thanks to everyone involved with the project especially Leanne Breedvelt, Fitout Coordinator and Nathan Linton, Building Supervisor for their efficient and professional approach."



*The new Ultrasound Machine was supplied by Toshiba: From Left to Right: Grant Campbell - Senior Account Manager – Toshiba, Sarah Colley - Ultrasound Education & Training Specialist – Toshiba, Ian Bray - Service Supervisor – Toshiba, Monica King - National Commercial Manager - Toshiba*



*Don (D&G Construction), Atish Kumar, CMDHB Plumber, Olwen Clarke, USS Team Leader, Andrew Turner, CMDHB Plumber and Leanne Breedvelt, Fitout Coordinator*

"We had a wonderful project team, which included D & G Construction and our own CMDHB engineers, plumbers, carpenters and sparkies," says Leanne.

"It can be a challenge carrying out building works within an operating department however most of the work was done after hours thereby reducing any disruption to the running of the Department. Many thanks to the Radiology Staff for their patience during the construction stage. The Project Team hopes they enjoy their new area."



*The new Nanosonics disinfection unit was supplied by: From Left to Right - Bernie Crampsie, Director biodecon and Richard Kao, Product Development Engineer, Nanosonics*

## New Plastics Ward will bring improvements for patients

In February 2010 Heather Lewis, Charge Nurse Ward 21 and Lyndsey Barclay, Health Care Assistant took the opportunity to look around their new ward on Level 5 of the Edmund Hillary Building.

It was their first glimpse of their new home and provided an opportunity to check the layout of the ward, the size of the rooms and visualise its function.

“There are still a few things we need to sort out, but we are very happy with our patient areas,” says Heather Lewis, Charge Nurse.

“For example there will be more single rooms with ensuites, which means more privacy for the patients and quicker access to showering and toileting facilities. In our current ward patients have to cue up in the corridor to use the showers and toilets,” says Heather.

There will be a procedure room, where patients can go for treatment for e.g. big wound dressings and all of the side rooms will be thermostatically controlled, which is essential for patients who undergo procedures such as muscle flaps that require the room to be kept at a constant temperature.

There will also be a custom made physio/splinting room

“The design of the ward is patient focused, and brings many improvements from our current space,” says Lyndsey.

“From the staff’s perspective it will be nice to move into a brand new facility, after having moved several times throughout the last couple of years.”

Ward 21 will move in May 2010.



*Heather Lewis and Lyndsey Barclay check out their new Ward*



*Nurses sub-station*

Ward 21 Plastics is an interesting and diverse area to work in. Some of the services the ward provides are:

- Skin grafting
- Reconstructive surgery
- Muscle Flaps ( A segment of muscle transplanted to a defect while maintaining its own and/or original blood supply)
- Maxillo-facial procedures
- Hand injuries – tendon and nerve repairs
- Treatment of pressure sores



## Contact

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## Towards 20/20 Web Site

In the internet explorer address bar type:

<http://www.cmdhb.org.nz>

Click onto Towards 20/20.

The Towards 20/20 web site has been designed to inform staff about the modernisation and redevelopment projects occurring across the CMDHB sites.

You'll find background information and regular updates on the various projects, along with updated photographs of construction activities, floor plans, copies of Towards 20/20 NEWS and much more.



*Middlemore Site 1950's*



*Middlemore Site 2009*

The development of the Middlemore Site has come a long way over the years.

The photo (top left) shows the Middlemore site in the 50's.

The photo underneath was taken in 2009.

The site will continue to develop as we carry out the CMDHB, Master Plan Facilities.