

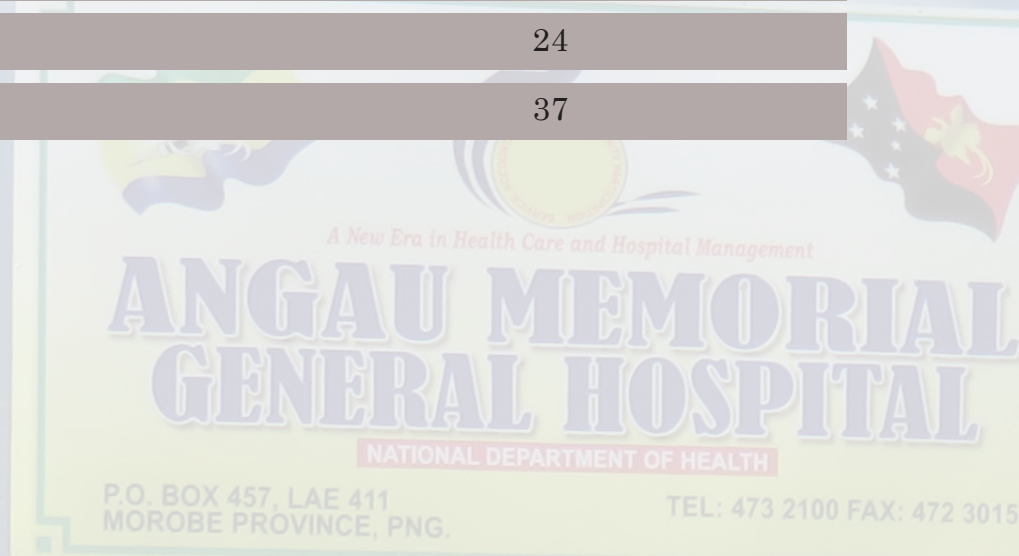
A photograph of two healthcare workers, a woman on the left and a man on the right, both wearing white lab coats. The woman is wearing white gloves and has her hands clasped in front of her. The man is pointing his right index finger towards the left. They are standing in a hospital room with blue curtains in the background. A semi-transparent white banner is overlaid across the middle of the image, containing the title text. The background also features a large, faint, stylized circular logo with a cross-like shape in the center.

# **2016 ANNUAL REPORT**

## **ANGAU MEMORIAL GENERAL HOSPITAL**

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# Overview

ANGAU Memorial General Hospital is located in the city of Lae, Papua New Guinea. Lae is both a city and a district within Morobe Province and is part of four provinces that make up the Momase region.

ANGAU Memorial General Hospital, the 2nd largest referral Hospital in PNG, is located in the heart of Lae city. Lae is centrally located in the Morobe coast where it is easily accessible to 85% of Papua New Guineans by road, sea and air transport. As a result of its accessibility there has been a high influx of patient attendance at ANGAU Hospital.

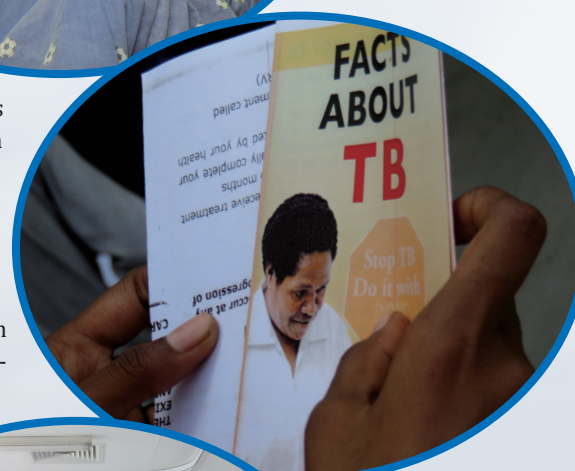
In addition, given its location and transport linkages, ANGAU also provides services to the highlands region of Papua New Guinea. The hospital was officially opened on April 7, 1964. ANGAU is the acronym for the Australia New Guinea Administrative Unit. It was a unit set up during World War II but later was incorporated as an independent legal entity under Section 6 of the Public Hospital Act.

Lae and its surrounding community that also covers parts of the Nawae and the Huon Gulf Districts population is estimated to be between 300,000-350,000 people.

MOROBE is one of the largest Provinces in PNG with nine districts. The final population statistics from the 2011 census show that Morobe Province is growing at an average rate of 2.06% per annum. The total population of Morobe at the time of the 2011 Census was 674,810 persons. This makes Morobe the most populous Province in PNG with 9.3% of the national population. The population is projected to increase up to around 821,600 by the year 2020.

## MANAGEMENT

ANGAU hospital has a governing body that consist of nine board members with one chair, a deputy chair and seven board members. The Board is also supported by four full time members of the executive management team which is the Chief Executive Officer and three Directors.





# Our Mission Statement, Values and Strategy

## Our Vision:

- To develop the Hospital into a centre of excellence for the provision of quality tertiary health services and meeting the national and international standards

## Mission Statement

### CLIENT FIRST

To strive for excellence in the provision of caring for the wellness of the community

### STAFF DEVELOPMENT

Participation in professional and development training of health staff.

### RESULT BASED

To improve and maintain the health and well being of all who access our services

## Our Value

- Access in delivery of caring services
- Responsible management of resources
- Community participation



## EXCELLENCE IN DELIVERY OF CARING SERVICES

Support staff professional development. Empower our health staff with skills, authority and responsibility to deliver the services in an efficient and effective way. That we offer our health staff with adequate opportunity and support to enhance their skills and recognition of the fact that motivated and skilled staff are the organizations greatest asset.

## RESPONSIBLE MANAGEMENT OF RESOURCES

Ensure that there is a balance for the needs of our clients and the organization's needs to remain economically viable without compromising the Public Hospital Standards.

## COMMUNITY PARTICIPATION

Encourage local community participation in planning and in decision-making process in and feedback to the hospital in relation to hospital services.

## GOALS

### • Improving Health

Achieve the best possible health results with available resources. Improve the level of the hospital's hygiene and cleanliness to the highest standard possible.

### • Improving Quality and Customer Focus

Build a Management and Facilities Environment, which promotes and supports continuous quality improvements and is customer focused.

Ensure community participation in planning, development and evaluation of hospital services. Develop greater linkages and effective partnerships between the Hospital and Provincial Health Services and other service providers.

Establish mechanisms to identify issues for joint attention and explore ways to strengthen primary care services and facilities.

### • Improving Resource Management

Develop workforce planning and other human resource initiative to ensure a well-trained flexible and motivated workforce. Apply workforce planning at all levels and enhance performance through development of managers and staff.

Develop and implement a hospital facilities master plan including achievements of a new hospital.

## ANNUAL PUBLIC MEETING AND ANNUAL REPORT

The annual public meeting is held once each calendar year in accordance with provisions of the hospital's By Laws and the Act. Notice is publicly advertised a month prior to the meeting.

The Public Hospital Act 1995 (Amended) requires that the hospital furnish to the Minister for Health an annual report on the progress and performance of the Board of Management including audited financial statements.

This Annual Report for 2016 is presented in compliance with this statute requirements. Financial statements of receipts and payments for 2016 presented in this report are yet to be audited by the Auditor General's Office.

Publications produced by the hospital that deals with functions, powers, duties and activities of the hospital are:

- The Annual Report and Financial Statements
- The Hospital By Laws
- The Organization and Committee Structure of the hospital
- The Hospital Strategic Plan





Pictured from right: PNG Foreign Affairs Minister Hon. Rimbink Pato, Australian Foreign Minister Hon. Julie Bishop, ANGAU Board Deputy Chairlady Sarah Haoda Todd, CEO Dr Christopher Kenyhercz, ANGAU Board Chairman David Wissink, Australian Minister for International Development and the Pacific, Hon. Conchetta Fierravanti-Wells, Australian High Commission Minister Counselor Mr Ben David and the Delegation were given a tour of the new facilities funded by the Australian Government as part of the ANGAU Redevelopment Project.



# Chairman's Report

At ANGAU, the focus of the Board of Management, the hospital's management and staff remains on providing the facilities as well as a new level of health care...

Welcome to the 2016 Annual Report for ANGAU Memorial General Hospital.

To begin, I would like to give credit to the hardworking management and staff of ANGAU who work under great pressure to provide quality health care to our patients. In 2016, among some of the ANGAU statistics included:

- 110,701 total patients treated
- 9,101 births
- 31,470 Accident & Emergency visits
- 34,170 Children's Outpatient visits with 14,307 immunizations given
- 207,500 pathology laboratory tests
- 13,500 malaria blood slides
- 5,000 HIV/AIDS patients treated
- 8,890 TB patients treated, and
- 2,809 bags of blood donated

This past year was another year of signifi-

cant activity for ANGAU with new facilities constructed and opened across the hospital through generous funding from the Government of Australia including:

- a new state of the art dental clinic
- operating theatre
- project development office, and
- a 40 bed post-natal ward.

Services upgrades were also undertaken in the Gware Wing to improve ANGAU's operating room capabilities.

Special mention needs to be made of the generous donation of a much-needed CT scanner and mammography unit by the National Fisheries Authority to supplement and complement the existing diagnostic capabilities of the hospital.

There are several new projects including a TB Ward and Family Support Centre, currently in advanced stages of planning set to begin soon and with other remedial works

are being staged accordingly to see ANGAU through the transition to a new, revitalised hospital facility by 2020 which will be able to address the health care needs of Morobe and the region.

However given the shortfall in available funds from the Government of Papua New Guinea, the planning process for the redevelopment of ANGAU has been revised to make the most efficient use of the funding available from the Government of Australia with technical support provided by the National Department of Health.

The planning process for the new ANGAU remains an inclusive process with consultation during the design phases of the project with ANGAU staff and other key stakeholder groups. The project is controlled by a Steering Committee made up of key Government of Papua New Guinea and Government of Australia stakeholders including myself and the ANGAU CEO.

The board has been disappointed by



the lack of progress on the staff housing project which started well but has stalled within the various National Government offices in Port Moresby. Such projects in future will be contained to a budget ceiling which will allow project approvals to take place through the provincial supply and tender systems in Lae.

For those of you who have visited ANGAU, you will know that despite the new facilities being opened, parts of the hospital remain overcrowded and as such we are working with the Morobe Province, the National Department of Health, and the Government of Australia to ensure that selected district health facilities, which include urban clinics in and around Lae, have the capacity to treat basic health issues so instead of coming to Lae patients can be treated in the districts where they live.

This past year the ANGAU team conducted community outreach through special events including blood drives, World TB Day, World Malaria Day, and World AIDS Day. I would like to thank the Lae community through business houses, church groups and individuals who have continually supported of these activities and events through the donation of food items, promotional gear but more impor-

tantly volunteering their time and talent to ANGAU and our patients who sincerely appreciate efforts made to comfort them in their time of need.

This past year ANGAU has also reached out to the wider community through the popular social media platform Facebook and a new ANGAU website ([www.angau.org](http://www.angau.org)) was launched to provide information to our stakeholders.

At ANGAU, the focus of the Board of Management and the hospital's management and staff remains on providing the facilities as well as a new level of health care service of which Lae, Morobe, the Momase Region and Papua New Guinea can be proud.

We thank you all for your support to ANGAU in 2016 and may God Bless each and every one of you.

DAVID WISSINK  
Chairman



Pictured are the new light and bed added to the existing operating theatre at the Gware Building.

Australian High Commissioner, His Excellency Mr Bruce Davis unveiling the plaque for the new Operating Theatre and the 20 bed ward.





Australian Foreign Minister Affairs Minister Hon. Julie Bishop, Australian Minister for International Development and the Pacific, Hon. Conchetta Fierravanti-Wells, PNG Foreign Affairs Minister Hon. Rimbink Pato were briefed by the CEO, Dr Christopher Kenyhercz on the tour of the new Operating Theatre funded by the Australian Government.



# CEO's Report

2016 has been a year of direction... we are moving forward with the ANGAU Memorial General Hospital Redevelopment Plan.

This has been a long time in the making however, I believe that the improvements thus far have been worth the wait both to our patients and staff.

## Major Campus Improvements

- We have upgraded the Gware Wing with both electrical upgrades along with fire prevention services.
- We have reconditioned and improved our operating theatres with new lighting, operating tables, anesthesia machines, trolleys, and monitors.
- We have added 98 new patient beds.
- A new cool room was supplied to the kitchen.
- A new generator was purchased to replace to existing one at Gware including backup fuel reservoir.
- Air conditioning upgrades to wards.
- Safe removal and disposal of friable asbestos from demolished buildings.

- Demolition of Ward 6 buildings.
- We have opened a new state of the art Dental Clinic near the Lae School of Nursing.
- We have opened our new portable operating theatre designed to assist L&D
- We have opened a new 40-bed post-natal ward.
- Project Development Office completed.
- We have submitted our staff-housing proposal to the CSTB for approval.

Also, we have moved forward with re-claiming the Southern housing compound through legal channels so that we may develop staff housing in these areas as well.

## Staff Engagements:

We have reinstituted multiple committees' such as management committee, disciplinary committee, and others in an at-

tempt to promote better communications form the directors to their staff.

We held our second annual staff Christmas Party at Lae International Hotel with great success and attendance.

## Notable Events for 2016

- Appointment of new Director of Nursing-Sr. Amol
- Appointment of new Director of Corporate Services-Mr. Kumal
- Appointment of Acting Director of Medical Services-Dr. Perone
- Appointment of a designated communication/media officer-Mr. Theo
- Canteen is now open 12 hours M-F and 4 hours on weekend to serve our staff, families and patients.
- We have upgraded our IT capabilities



## Challenges

Staffing of physicians, nurses, and ancillary staff problematic due to availability and DPM requirements.

Financial constraints due to reduction in hospital budget are proving difficult.

Maintaining hospital operations and services during development of new hospital.

ANGAU is moving forward with construction of our new hospital and housing units. We have committed partners who are helping achieve that goal. The staff has been excellent in their support and is awaiting a new era for ANGAU Memorial General Hospital. With God's help...we are on our way.

DR CHRISTOPHER KENYHERCZ

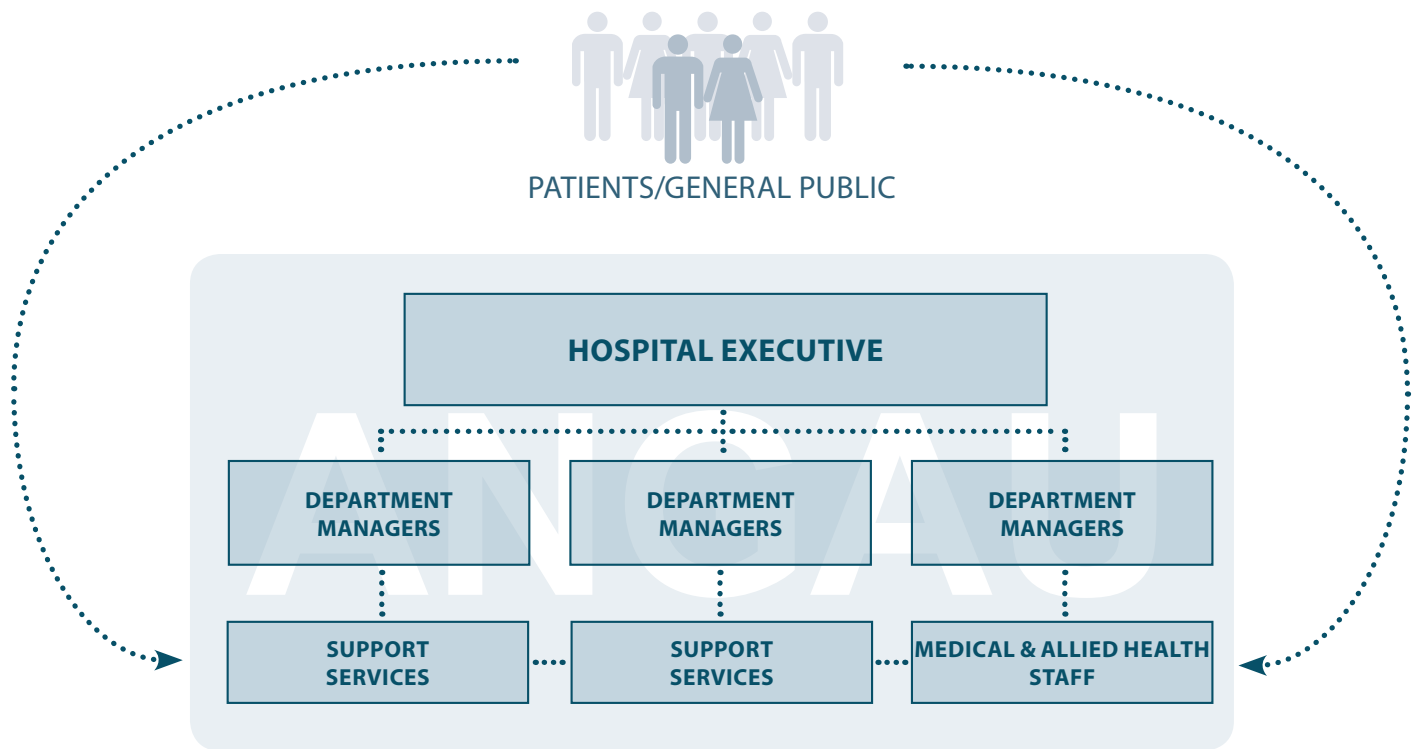
Chief Executive Officer

**This is a photo collage of the Major Improvements that took place at the Hospital**





# Organisational structure





We are a Government organization with public interest at our hearts.

Patients young and old and from all walks of life use health care services provided by the ANGAU hospital.

### Hospital Executive Management

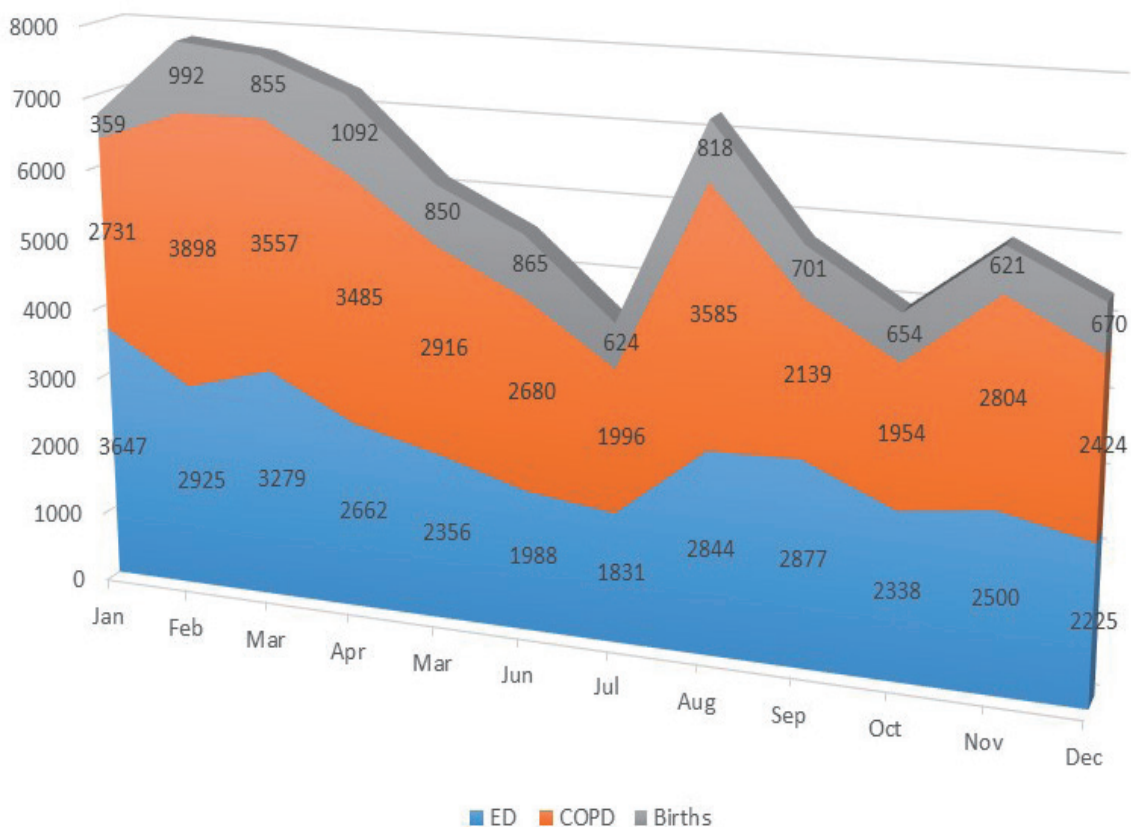
In carrying out its duties, the Hospital Board and Management is supported by sub-committees.

- The Finance Committee is responsible for overseeing expenditure, presenting health care services budget and monitoring the hospital's core activities performance on patient care.
- The Training Committee is responsible for overseeing the hospital's human resources strategy and advising the hospital management on training of staff and related matters.
- The Resource Committee is the guiding force in overseeing hospital projects and activities. It monitors all activities and projects initiated. It acts as an advisory to the Board.



Safe blood is constantly on high demand. Pictured here is a staff from the Laga Industry in Lae who volunteered to donate blood to our mobile blood bank unit.

### Total number of Admissions into ANGAU per month



This graph shows the total number of attendance at the Emergency Department, COPD and the Labour ward for Births in 2016



# Board & Management

ANGAU Board Members and the Management are from a wide sector of the community with a lot of experience put together. They represent different sectors in Morobe for the interest of the people and hospital to ensure services are delivered

## Management



Dr Chris Kenyhercz  
Chief Executive Officer



Dr Ruso Peroni  
A/Director Medical Services



Aung Kumal  
Director Corporate Services



Sr Concilia Amol  
A/Director Nursing Services

## Board



David Wissink  
Board Chairman



Carol Yawing  
Women's Representative  
Lae Urban LLG



Pastor Bonny Sinako  
Religious Representative  
ELC PNG



Dr Simon Kasa  
Staff Representative  
SMO Urologist, ANGAU



Sarah Haoda Todd  
Deputy Board Chairlady



Micah Yawing  
Provincial Health Representative



Sheila Harou Pati  
Women's Representative  
Morobe Province Administration



Nellie McClay  
Business Representative



Brian Alois  
Department of Works





NKW donating fresh produce to the ANGAU Hospital kitchen as part of their corporate social responsibility whenever they have surplus stock on hand.

# Corporate Services

We provides a range of support services to enable internal units of the hospital to carry out their key business functions.

Director Corporate Services is responsible to the Chief Executive Officer (CEO) for all administration staff and services. Main responsibilities of Corporate Services include providing and ensuring efficient delivery of essential services in the following functional areas: Finance, Human Resource, Supply Services, Catering Services, Transport Services, Security Services, Technical Services, Domestic Services and Staff Accommodation.

## Finance Section

Finance is managed by the Hospital Accountant. During the year, a full time accountant was recruited and this has greatly assisted in the organization of the accounts section secluding appropriate functions. There are three main sections in the Finance:

- (a) Revenue Section
- (b) Accounts Payable
- (c) Budget.

There are seven Revenue staff including the Revenue Accountant and eight Accounts staff totalling fifteen staff all reporting to the Hospital Accountant.

The Accountant is responsible for the efficient management of finance and budgeting as per the Public Finance Management Act, Public General Order, Audit Act 1989 and other relevant Financial Procedures and Legislative Requirements. The task also includes sourcing and raising revenues and efficiently managing expenditures through the budgetary and accounting procedures and process. Some success during the year included the updating and furnishing of outstanding and overdue Finance Reports from 2010 to 2015 completed and signed off by the Auditor General's Office. There was a successful installation and operations of the MYOB Accounting System, producing timely quarterly Bank Reconciliations and Finance Reports.

## Human Resource Section

The Personnel Section is managed by the Human Resource Manager with thirteen staff working under him. There are four main sections in the Human Resource Management:

- (a) Personnel Section
- (b) Staff Development and Training
- (c) Organization and Method
- (d) Industrial Relations.

The Human Resource Management (HRM) is responsible for the overall management of human resource for effective performance and output as per the Public Service General Orders.

The task includes managing and improve organizational development and manpower placement, staff motivation and performance management, pay roll management through the Alesco Concept Payroll System, managing and improve staff capacity efficiency through trainings as directed by the



Training Committee and maintaining workplace health & safety.

### Supply Services

The Supply Services is managed by the OIC Stores and Supplies. The Procurement Officer is responsible for the procurement of all Hospital supplies based on the Public Financial Management Act. Procurement of supplies including medical waste bags, body bags and other waste bags, cleaning detergents, laundry powders, beddings and linens stationeries and other general supplies. The goal of the Supplies Services is to improve efficiency and quality in the purchase of Hospital supplies, based on WHO/NDoH approved standards, stock availability and reasonable pricing. The year has seen an improvement in the procurement of Hospital supplies by strictly adhering and complying with the three important criteria of procurement process:

- (a) quality based on WHO/NDoH standards
- (b) stock availability
- (c) reasonable pricing

### Catering Services

The Catering Manager with eleven (11) staff working under him on two shift basis. The section provides catering services to the patients in the Hospital. Quality and nutritional diet is key to patient recovery and is an essential service to patient care in the Hospital. The Board and Management in 2016 has increased the budget for purchase of fresh fruits and vegetables, thus improvement of menu and nutritional diets for patients. In the future, the Hospital is looking at purchasing new sets of kitchen utensils and equipment and providing baking services for fresh whole meal breads and buns replacing biscuits. A new modernized kitchen with modernized kitchen utensils and equipment as part of redevelopment plan with improved menu, with three course meals served on plates, replacing trolleys.

### Transport Services

The Transport Services covers both Transport and Communication Services. The Transport Section is managed by the Transport Manager with fourteen Drivers working under his supervision on shift basis. The goal of the Transport Section is to provide quality, reliable and efficient Transport Services to the Hospital staff, patients and stakeholders. Vehicles are maintained, serviced, registered and insured by the Transport Manager on a timely basis for smooth operations of Transport Services.

The Communication Services is managed by OIC Communication with eight staff working under his supervision on three shifts. The current Communication System in ANGAU Hospital includes, the PA system, telephone and Radio Network System. The main role of Communication Section is to coordinate Transport Services, staff movement, receiving external calls and disseminating information to staff.

Transport Services are now using AutoMart to service vehicles has improved service time, service quality and service cost as opposed to Ela Motors.

Communication Services has improved a bit with the Hospital maintaining a good Communication service to staff, and stakeholders as a result of good coordination and management.

### Security Services

This is an essential service to the Hospital. The primary goal of this service is to protect staff, patients and Hospital property from any harm, danger or threats from within or without. In 2016, the Security Services for the Hospital was provided by an outside contractor, Wap and Co Limited. The company was selected through the normal tender process.

There were nine guards working on day shifts and eleven guards working on night shifts seven days a week. There was also security escorts provided during pickups and drop offs for on call doctors and evening and night shift nurses.

In the course of normal operations, guards were stationed in strategic locations in the Hospital premises and were instructed to carry out specific tasks as per the Standard Operating Procedures (SOP). They (guards) reported security issues and concerns including progress on specific assignments to the Coordinator of General Services. The Coordinator reports these issues

to the Director of Corporate Services who then updates the Management Team on a weekly basis. Recommendations of future security upgrade are to install alarm and camera system throughout the Hospital premises as well as vehicle tracking systems for all Hospital vehicles and personal tracking device for senior management staff.

### Domestic Services

The Domestic Services covers Laundry Services, Patients Service Assistance (PSA) and Grounds Services. The Laundry Service an essential service to the Hospital is managed by the OIC Laundry with nine staff working under his supervision on two shift basis. Sheets, linens and other materials used in the wards or in the operating theatres including drapes and gowns are washed and refreshed daily for good patient care and smooth operations especially in the operating theatres. Seamstress services is also an important services under Laundry where materials are sewn for linens, sheets and drapes for use in the Hospital.

The Laundry services is now centralized and all Laundry Services are done at the central Laundry Facility. The Hospital is currently using two laundry machines and two dryers donated to the Hospital by the PNG Gaming Board. The machines are serviced on a monthly basis by Nice Tumas Limited, a company contracted by ANGAU to do the service.

The PSA Services is managed by the PSA Supervisor with twenty four staff mainly casuals working under his supervision on normal working days and two hours during weekends. The main function of PSA is to assist clinical staff clean the wards to ensure hygiene is maintained in the wards according to Infection Control Standards, collect stationeries for the wards, changing linens, dropping off soiled linens to the laundry and bringing cleans



Patient Staff Assistants, Grounds and Casual Staff during their induction program.



linens back to the wards and the operating theaters. PSA provides essential services towards patient care, clinical staff as well as the general public.

The Grounds Services is managed by the OIC Grounds with six staff working under his supervision. The main function of Grounds includes, cleaning around the campus, beautifying, landscaping and emptying of rubbish to assigned disposal area. The Grounds are also responsible for the burning and disposal of medical wastes. The Hospital currently has a new incinerator built by the NDoH.

#### Staff Accommodation

The Hospital Management recognizes the importance of providing suitable and safe accommodation for staff/ employees of ANGAU Hospital who are entitled to accommodation. Providing accommodation to staff/employees is also a means of attracting and retaining essential staff and maintaining out of hours and on call services.

The Hospital provides a limited number of staff accommodation for essential and on call staff in institutional houses and living quarters on campus. Most contract officers are housed in rental properties off campus by way of Lease Agreements with the landlords and Real Estate Agents.

Institutional houses on campus are the property assets of the Hospital and come under the direct control of the Management and the Board.

The Housing Committee makes decisions on accommodation requests, relocations, bond fees and other matters relating to staff accommodation both on and off campus. These decisions are made based on the ANGAU Housing Policy, the Public Service General Orders and the National Doctors and Nurses Agreements/Awards.

Work have also commenced on the long overdue maintenance work on institutional houses on campus. There is now improved control in the usage of utilities (Power and water) by installing easy pay meters for power and water connection to individual institutional houses on campus and all staff eligible for accommodation on and off campus were accommodated and relocated to appropriate locations.

#### Facilities

The Facilities Section is managed by the Facilities Manager with twenty two staff working under him. There are nine Technical Trade Units in the Facilities Section: (a) Facilities Management and Administration

- (b) Projects
- (c) Electrical
- (d) Mechanical
- (e) Plumbing
- ((f) Carpentry
- (g) Air Conditioning and Refrigeration
- (h) Assets Management
- (i) Information and Communication Technology.

The Facilities Management Section is responsible for the efficient and effective management of all Facilities to ensure that the Hospital achieve its Core Business, which is Patient Care. Patient Care which is the Core Business of the Hospital.

As much as possible, despite the Section being inadequately funded and less equipped with better tools, equipment, and working facilities, the Section continues to strive to achieve better outcomes to support Patient Care and Service Delivery at the Hospital.

The Facilities Section receives around 80 to 100 job requests from the client departments in a month. The Section attends to the jobs and completes about 82% of the job requests submitted for a month. Sometimes delays and nonattendance on many of the job requests in a timely manner is simply due to under staffing and non-availability of the raw material required to execute a planned task as soon as it is required.

As per the daily job requests, we conduct inspections to identify the following:

Materials - Quantities of the different types of materials required to complete the job

Manpower - determine what technical trades and how many officers of each trade are required.

Machinery - Assess if there is any need for the use of machinery.

Money - obtain quotations/pricing from suppliers/service providers for analysis and cost effective project /job implementation.

Based on these information, the hospital management is advised whether the job would require open public tendering or procured internally as per provisions of the Public Finance Management Act.

MR. AUNG KUMAL

Director Cooperate Services

## FUTURE PLANS

- Developing and implementing guideline to improve requisition processing time and payment and procurement procedures and processes.
- Installing and processing casual payroll system into the MYOB system.
- Improving budget management and expenditure control system
- Increasing internal revenue options for the Hospital
- Alesco Concept Payroll System to be housed together with the Human Resource Management.
- Review, update and implement Training Policy for all ANGAU staff
- Training to build staff capacity and competency to manage procurement process and systems for improved and efficient Supply Services.
- New modernized building and computerized procurement system in place as part of redevelopment plan.
- Purchase of four new vehicles, two buses for nursing and two Toyota Land cruiser ten sitters for administration duties.
- New modernized Laundry facilities with modernized Laundry washers and dryers as part of redevelopment plan.
- Review Nursing Awards and allocate houses to Nursing Officers eligible for accommodation.
- New modernized storage facilities with modernized inventory control and management systems in place as part of redevelopment plan.





# Nursing Services

Whether serving as a nurse in an extended care facility, overseeing nursing assistants, or working as part of a team in a large hospital, the demeanour of each nurse sets the tone for the entire environment.

This year has seen many positive changes with most notably the Nursing Directorate leadership. At the end of 2015, the outgoing Director of Nursing resigned on personal reasons and in January 2016, the hospital management appointed me to be the Acting Director Nursing Services. In October 2016, this appointment was made permanent when I was offered the contract to lead the directorate. A challenge I took in knowing it would not be easy but most rewarding.

2016 will be remembered as a year of change for the management of ANGAU. The change were timely as it coincided with the redevelopment masterplan for the new ANGAU Memorial General Hospital. The Surgical Supervisor filled the position as the Acting Deputy Director Administration until a formal appointment was made. A few other leadership changes made included the appointment of an Acting Nurse

Manager for the Children's Out-Patient Department (COPD) to Acting supervisor for Health Education.

The government's free health care policy has brought with it many challenges. The National Department of Health 2002 Health Plan with the National Government Vision 2050 envisaged that Health care become a priority focus. We support these and also encouraged training of nursing professionals in particular to control infectious measures enabling quality health care.

The closure of the Lae urban clinic has somewhat hampered the staff in their duties especially in the Children's Out-Patient Department (COPD), Accident and Emergency (A&E), and other related services. The influx felt every day and our nursing staff have had to help in the best way they can. The situation is being considered by the management and will be attended to in

the near future.

The Directorate through the various units encourages outreach programs to the public to enable better understanding of personal hygiene and health care. These are highlighted in:

## TRAINING

Staff training is vital in any organization and the Nursing Directorate of ANGAU Hospital will continue to support staff training internally and externally to enable active and spontaneous up skilling of knowledge in respective nursing sections.

In 2016, in-house trainings have enabled nurses trained in pain management, HIV/AIDS practicum, fluid management, preceptorship and SPA concept.

We also congratulate and welcome back into the workforce Sr. Evelyn Yaru who completed studies in Public Health and Sr.



C Pokawin who completed her Masters in Midwifery. Both attended Flinders University in Australia. Other trainings still ongoing are:

UPNG - Bachelor of Clinical Nursing in Acute Care 2

UOG - Bachelor in Midwifery and Health Education 2

DWU - Health Management 2

The continuing graduates from the Lae School of Nursing every year will certainly assist in strengthening our workforce with young vibrant nursing officers.

## NURSING STANDARDS

The review of the Standards of Nursing Practise was done and completed as first draft in September. The intention is to enable nurses to implement health care that is satisfying to patients and importantly within the legal framework of the nursing practices. This document is now being further critiqued by stakeholders and it is hoped the final draft will come out in the first quarter of 2017.

## NURSING RESEARCH

Nursing research improves nursing practices. This highlighted during the 13th National Nurses Symposium held in Lae in October 2016 hosted by the ANGAU Memorial General Hospital. The theme emphasized the need for research. Lack of raw data in any research topics is the main factor in less research carried out by our staff. In this report some data shown are being collected and it is hoped in the next few years, these can become valuable in researching associated topics.

Amongst the many research papers presented, our nurses presented two papers. A technical paper from the Women's Support Centre and an audit paper from the

operating theatre presenting the cancellation of O/T cases.

Over 500 participants who attended came from many of the other hospitals around the country and many went back amazed and happy to have attended a well-organized event. For the first time during the symposium, all presentations were digitally recorded and are available on CD. The nursing directorate give gratitude to all those who participated and helped in the event to make it such a success.

## HEALTH EDUCATION

Apart from the daily nursing care in the Hospital wards, the Nursing Directorate encourages Health Education and promotions to enable the population to be educated on good health care and hygiene. Under the professional guidance of a supervisor, the programs are organized and delivered to the public through;

- In-Reach/Out-Reach Health Education Awareness
- World Health Day events and World TB Day Events

## INFECTION CONTROL

ANGAU Memorial General Hospital is a major referral centre for many sickness and patients come from many parts of the country. Infection Control is a vital areas that must be operating at an optimum level. Although we all know quality health care is not easy to accomplish due to many and varied contributing factors the team and management believe it is possible through awareness and accountability. Every nurse and hospital staff must be made aware and participate in infection control.

The year ANGAU Hospital has put great emphasis on Prevention Mechanism Strategies like HH and prevention of TB infection program and promoting the

prevention of Nosocomial infection. The implementation of these programs will continue to enable a safe environment for all.

## THE UNITS SUCCESS STORIES AND DEVELOPMENT

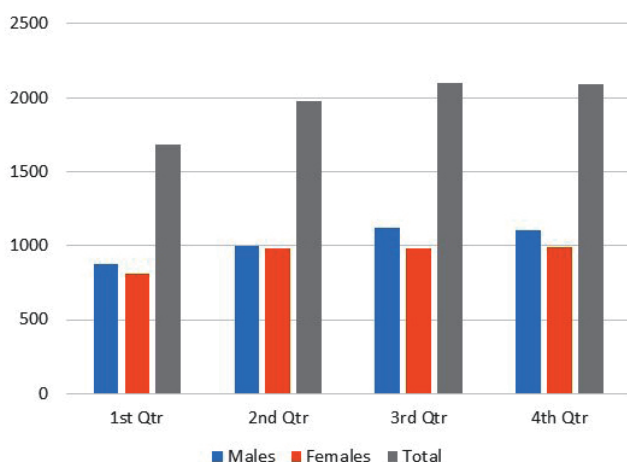
We wish to acknowledge the following organizations for their support in the overall functionality of the many sections and wards;

- DFAT for donating operating equipment to the operating theatre
- DFAT for maintenance work in the operating theatre
- Interplast Visitation in February to the consultation clinic
- Orthopaedic visitation in October to the consultation clinic
- Fred Hollows Foundation donated cylindrical power glass and spherical lens to eye clinic
- Prime Travel donated two 32" LCD TV and DVD player to the Eye Clinic
- L&C Pacific Enterprise for refit of window curtains in 7D ward.
- St. Mary's catholic group visits to uplift patients spiritual needs
- All denominations group visits to uplift patients spiritual needs

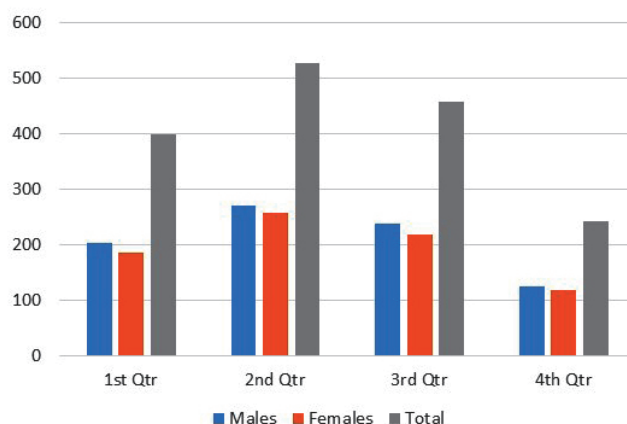
The CONSULTATION Clinic welcomed a total of 15, 759 patients from January to October 2016. Some interesting figures are shown for debates and discussions. The ENT clinic involves in many outreach programs especially during the weekends in and around Lae Urban areas to enable better understanding of health care. It is noticed that Oral cancer tops the list for referrals to ANGAU Hospital. This is one of the reasons for the outreach programs.

## TB STATISTICS AT THE END OF THE YEAR

TB Clinic Admission Statistic



TB Infected Patients and On Treatment Statistics





A total of 5,730 patients attended the clinic. The O&G clinic in 2016 started the Visual Inspection of Acetic Acid (VIA) screening. A first for ANGAU hospital and will continue into the future. The clinic saw 6,695 patients.

Surgical general ward (7D) attended to 842 patients from January to November 2016.

The Well Women's Clinic staff participated in the following events including Midwifery Day, World TB Day, World No Tobacco Day, World Sight Day, World AIDS Day and Global Hand-Washing Day. COPD attended to a total of 29,795 patients.

The closure or non-functioning of urban clinics has caused this influx of patients to ANGAU Hospital.

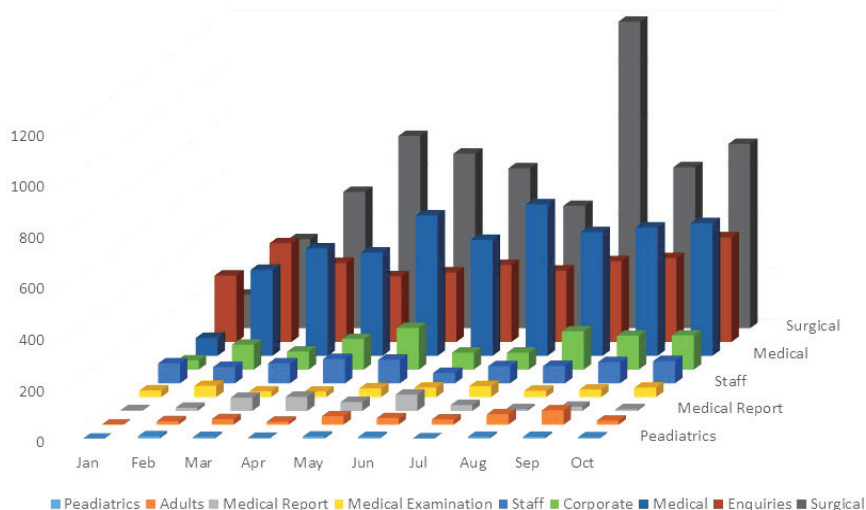
The Rotary Club of Lae came to the Blood Bank section rescue with a 25 seater bus purposely modified for mobile blood bank services. Together with this gift the section celebrated the World Blood Donor Day on June 14, 2016. This awareness event helped many youths understand the importance of donating blood to save lives.

Operating out of ANGAU hospital the HIV/ART clinic which was first funded and operated in 2005, it now covers a total of 64 sites in Morobe province. Besides, other related services and activities the centre is now the HIV clinical database centre for the province. The Nursing staff though not to capacity have been very professional in their roles and responsibilities in caring for the affected.

The ACUTE MEDICAL WARD (7A) has also lived up to maintain and improve the provision of nursing care to patients. The patient's summary from December 2015 to October 2016 which reflects optimum health care provision.

ANGAU Memorial General Hospital is also a central TB Clinic and receives TB patients

Consultation Clinic Data



from the urban clinics (when functioning), aid posts, health centres, church run clinic and private institutions. The total attendance is 7,349. However, not all patients have TB. Many are infected with related sicknesses. The TB Clinic statistics alone is at 1,156.

Though the Postpartum Contraception Insertion was implemented by the NGO Marie-Stopes in July 2016, there is much awareness still to be done to realize the importance of this service. A few notable events relevant to the unit that took place include;

- PNG Midwifery Society Lae Branch hosted the International Midwifery Day on May 05, 2016
- DFAT and ANGAU Management handed over the 20 bed ward and O&G theatre to the O&G section, much to the delight of patients.

## CONCLUSION

Although much data has been collected over the year and may be archived within the hospital, it is our belief that as of 2016 onwards, all data will become available to

all for the purpose of deriving meaningful research work. Raw data is what is meaningful research is based on and we will encourage our staff to make every effort to take part in research.

To this end, we the nursing family pay a special tribute to a senior nursing officer who tragically passed away on August 2016. Sr. Christine Waken was a very active member of the midwifery unit and contributed enormously towards the units achievements. May she rest in peace.

From the Nursing Services Directorate including all the nursing sections and wards and staff I wish to convey our sincere appreciation to the hospital board, CEO and Management for supporting and delivering a successful 2016 to all of us in all facets of our employment.

We will welcome 2017 and look forward to providing the best of nursing care to all our patients.

SR. CONCILIA AMOL

Director Nursing Services





Dr. Seth Yalamu attending to patient Silingo Maeoka at the new dental clinic using the new equipment funded by the Australian Government.



# Medical Services

Our core function is to oversee the provision of high quality specialist patient care, and training of doctors. We make sure that services are provided in accordance with the set standard operating procedures and treatment guidelines.

ANGAU Hospital's annual total patient attendance to access various Hospital Services had increased from 92,774 in 2014 to 100,060 in 2015. In 2016, ANGAU Hospital's total patient attendance was further increased to 110,701.

The number of patients admitted to the hospital in 2016 was very high and generally shows an increased trend.

ANGAU Hospital's annual Recorded Births have increased from 8,332 in 2014 to 9,241 births in 2015. The Recorded Births at ANGAU Hospital in 2016 was 9,101. This figure is the second highest to Port Moresby General Hospital. Refer to the graph in the Obstetrics & Gynaecology report that shows an increase in the number of births recorded between February and June of 2016.

The National Cancer Radiation Treatment Centre and the National Orthotic

& Prosthetic Centres are both located on the ANGAU Hospital Grounds. National referrals for these group of patients come from all of PNG and remain admitted to the Cancer and Limb wards for months until discharged.

## MANPOWER SUMMARY

Medical Services section in 2016 had 186 staff members, out of this:

- 138 were under ANGAU Hospital,
- 43 were under the National Health Department while the remaining
- 5 were Division of Health staff under the Morobe Provincial Government.

There were 46 Medical Officers that maintained all the core clinical services throughout the Year 2016.

## CLINICAL ADMIN SUPPORT

Clinical Medical Administration continued

to co ordinate and offer administrative support to all core clinical service providers under the Medical Services had been challenging without a substantive Medical Services Director.

## EMERGENCY DEPARTMENT (ED)

Emergency Department at ANGAU Hospital is open 24 hours a day, 7 days week to attend to all emergencies. It had attended to 31,472 in 2016. This figure is an under reporting since record keeping has been poor due to many factors including corridor consultation, inadequate manpower to man the triage section and unavailability of the registry clerks at ED at all hours.

There were 29,022 adult patients seen at ED at all hours with an equal sex distribution while 2,450 were children seen after hours.

The commonest cause for ED attendance and admission was;



Respiratory Track Disease 7703,

Malaria 4400,

Trauma 3690,

Gastro Intestinal Disease 1643.

The causes of presentation to the ANGAU ED could be similar to other hospitals in PNG however the growing number of Trauma Cases has become a concern for us in ANGAU as 70% of our limited medical supplies were exhausted by all Trauma patients.

Referral cases from the urban clinics in LAE accounted for 60% of the all the ED attendance during the day.

### INTERNAL MEDICINE

The Emergency Department admitted 1,600 patients to the adult Medical Unit. The Medical Unit took delivery of total of 2,523 patients in 2016. This excluded patients who had been admitted to the Cancer and Limb wards.

The commonest causes for admission to the Medical Wards in 2016 were TB, HIV, Malaria, Lifestyle Diseases and other Respiratory Track Diseases like Asthma & Chronic Obstructive Airways Disease.

Extra Pulmonary TB, HIV, Diabetes and Hypertension either combined or separately appear to be the leading causes of adult Morbidity and Mortality. The long term morbidity due to HIV/AIDS & TB requiring prolonged hospitalisation caused 45% of Medical Ward excess block for newly admitted patients from ED.

Malaria is still a prevalent and significant disease in LAE due largely to the frequent rainfalls.

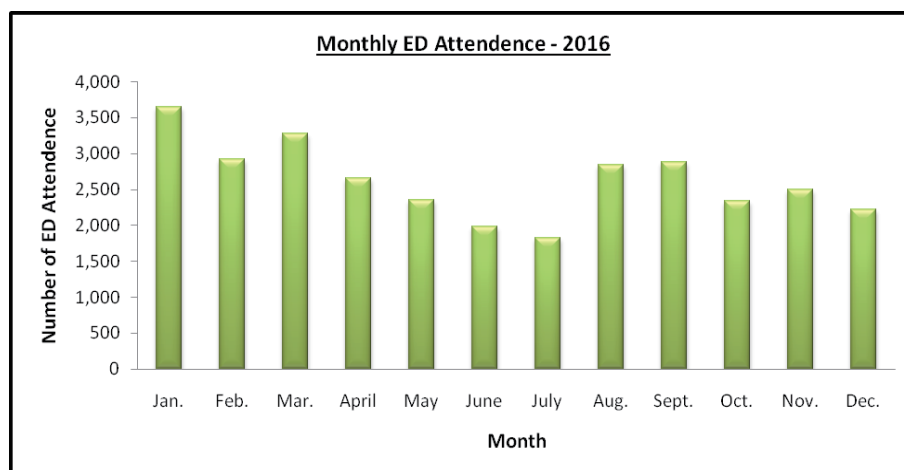
### ANUA MORIRI Day Care Centre (AMDCC- HIV)

Anua Moriri Day Care centre is functionally a day clinic that coordinates all HIV/AIDS patient management in LAE, MOROBE Province and the MOMASE region. It does counseling for HIV testing and clinically manages HIV positive patients with Anti Retro-viral Treatment (ART).

The total patient attendance at the Centre was 4,820 up to September 2016 with 315 new cases registered within this period. The majority of the new patients fall between 20 to 49 years. The above figure is an under reporting as its last quarter report is not available for updating.

### TB DOTS Clinic

TB DOTS Clinic is open during working hours to screen, register, and follow up review of all outpatient TB treatment.



The TB DOTS Clinic receives referrals from Health Centres, Urban Clinics, Private Clinics, Church Health Facilities around LAE and other sections of ANGAU Hospital.

In 2014 the TB DOTS clinic attended to a total of 6,978 TB patients, then 6,805 patients in 2015. In 2016 the Clinic attended to a total of 8,892 TB patients. You will note that due to overcrowding, urban migration and over population, this trend of TB increase will affect a lot of people in the community. The children with TB are managed separately by the Paediatricians after registration.

### STD (FRIENDS) Clinic

The friends Clinic attends to all Sexually Transmitted Disease except HIV/AIDS is on the first floor of GWARE Building that is run by the Provincial Disease Control Unit.

The STD Clinic attended to 3,150 patients in 2014, then 2,927 patients in 2015 and in 2016 attended to 3,037 patients. An average of 15 STD patients are treated at the Friends Clinic every working day

### Psychiatry (Mental Health)

The Psychiatric Unit in ANGAU Hospital had two experienced Psychiatrist since 2011. There has been an increase in the incidence of substance abuse in the community where the two Psychiatrists have been managing these psychiatric patients, commonly the younger age.

The Psychiatric Unit in ANGAU Hospital will soon get new AUSAID funded infrastructure to operate in.

### SURGERY

The Surgical Unit took delivery of 1,116 patients through ED admissions. The Children's Out Patients and the Surgical Clinics also admitted surgical patients not accounted for here in 2016. Trauma continued to account for 70% of all Surgical Wards admission in 2016.

The number of surgical operations done in 2014 was 2,300 and this number dropped

down to 1,243 in 2015 due largely to cancellation of surgery for many reasons beyond the hospitals control. The number of surgeries increased to 1,500 in 2016 but the cancellation of surgery on a monthly basis affected more than 1,000 cases with a monthly average of 85 due to the unavailability of Basic Medical Supplies as well as manpower shortages.

### Ear, Nose & Throat (ENT)

The ENT Clinic attended to a total of 4,572 patients in 2016. There were 480 patients were planned for surgery, however only 128 patients were ever operated on when more than 100 cases had to be canceled due to shortage of manpower, consumables, sterilizer break down and patient factors.

### Ophthalmology (EYE)

The Eye Clinic attended to 2,860 patients in the year 2016. Apart from eye testing for glasses, the commonest day surgery done at the EYE Clinic is Cataract Surgery in the elderly. More than 100 Eye patients had Cataract Surgery in 2016. Dr Aulong also did 20 major eye surgeries in the main operating theatre.

### PAEDIATRICS

The Paediatric Unit manages all new borne babies up to 13 year old children. These babies and children are admitted mainly through the Children's Out Patient (COPD) during the day and ED after hours.

In 2016, the admission cause distribution showed the six most common causes for childhood morbidity that accounted for 80% of all Paediatric admissions.

- Severe Malnutrition,
- Pneumonia,
- TB,
- Malaria,
- Diarrhoeal diseases
- Anaemia



Severe Malnutrition and TB accounted for almost half of the most common causes for admission into the children's ward. In 2015, the total Paediatric admission was 1,176 but this figure increased in 2016 to 1,620.

### Neonatology

Special Care Nursery (SCN) is a section of Paediatrics that caters for sick new born babies admitted directly from the Birthing Suite and manages until these neonates well enough to join their mothers and eventually discharged.

In 2016, the most common causes for admission to the Special Care Nursery were Neonatal Sepsis, Birth Asphyxia and Very Low Birth Weight. These accounted for 99% of all SCN admissions.

The total number of Neonates admitted to the Special Care Nursery was 1,079 in 2015 but decreased to 873 in 2016.

### Children's Outpatients (COPD)

Children's Outpatient Section attended to a total 25,639 children in 2014, then 27,714 children in 2015 and 34,169 children in 2016.

The Children's Out Patient attendance average per month was 2,300 for 2015 with a daily average of 77 children.

In 2016, the COPD staff attended to an average of 99 children per day, which amounted to a monthly average of 2,847.

The number of immunization given at the COPD amounted to 14,307 in 2016 with a daily average of 40 immunizations per day. It can be seen that a lot of medical and nursing manpower is required in this area to adequately attend to this childhood population that will not stop coming. The onus is on the management to ensure that adequate manpower is available to handle this patient load during the days.

### Paediatrics Review & Specialised Clinics

These clinics review ongoing management of a variety childhood illnesses like Cardiology, Neurology, Endocrinology, TB, Malnutrition.

### OBSTETRICS AND GYNAECOLOGY (O&G)

The O&G Unit manages all Birthing Mothers and the adult female with diseases of their reproductive system.

ANGAU Memorial Hospital recorded births for 2015 was 9,241 babies, and then in 2016 ANGAU Hospital's recorded Births amounted to 9,101 babies. These figures are second only to Port Moresby General Hospital that delivers over 12,000 babies

a year.

This trend in the reported figures on maternal health indicators are continuing to rise per year due to an increase in the reproductive age population in LAE and PNG as a whole.

The O&G Clinics attended to 2,820 women in 2015 and this number jumped up to 4,462 in 2016.

The total number of women operated on using the main operating theatre was 1,028 in 2015 and 1,136 in 2016. Caesarean Section (Delivering Babies through Surgery) alone accounted for 460 for that year.

### ANAESTHETICS & INTENSIVE CARE SERVICE

The Anaesthetic Unit assist all forms of surgery by putting patients to sleep during the operation as well as managing the critically ill patients on respirators. The anaesthetic records show that 2,170 patients were anaesthetized for surgery in 2015 which increased to 2,516 in the year 2016.

This vital hospital service was affected due to shortage of essential drugs, malfunctioning Anaesthetic Equipment that required maintenance.

### Rural & Urban Outreach

The Rural and Urban outreach unit made regular weekly visits the urban clinics at Malahang on Tuesdays, Buimo Road Clinic on Wednesdays and Milford Haven Clinic on Thursdays.

The Wampar Rural Health Centre at Nadz-

ab was also visited intermittently in 2016 while other Rural Health Facilities were not visited due to logistics issues.

### Dental /Oral Health

The Dental Clinic in town has been operational, providing much needed tooth extractions and fillings. It is being run jointly by both the Provincial Health and The ANGAU Hospital staff. In 2017 the hospital staff will operate from the new dental facility put up by the Australian Govt near the Nursing School.

### Cancer Radiation Treatment Centre (Oncology)

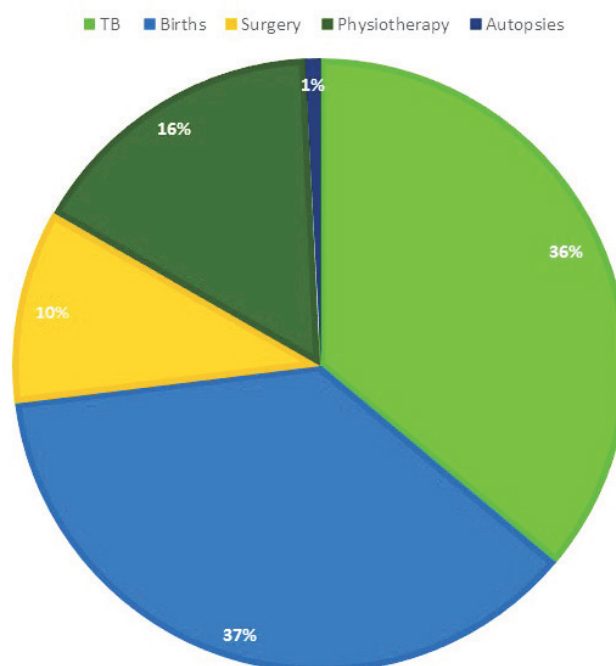
The PNG Cancer Treatment Centre in Lae offers mostly Palliative Radiation Therapy and Chemotherapy to cancer patients, many of whom present at a very late stage. In 2016 only chemotherapy services were offered due to a non availability of a Radiation Oncologist. This will continue for a while until the necessary man power is on the ground.

It is important for the public to know that without surgical excision for any localised cancer, there may be no cure except palliative treatment with Chemotherapy and Radiation.

### Physiotherapy

The Physiotherapy staff attended to 1,355 patients in 2016 and performed 3,932 rehabilitative procedures/sessions on these patients to regain their normal physical function.

The physiotherapist have taught and trained patients on self exercise at home



This pie chart shows total percentage of patients in the respective categories.



to accelerate recovery and restoration of normal function and to facilitate their recovery after injury or surgery.

### **Family Support Centre / Women & Children's Support Centre**

Staff at the FSC attended to women, children and men who were all victims of some form of violence. This facility treats, counsels and provides other supportive care to the victims of violence. In 2015 a total of 995 patients were attended to while the total number of Intimate Partner Violence (IPV) was 564. The Sexual Violence cases reported to the FSC for 2016 was 362 with another 84 people presented to FSC for counseling relating to previous violence or threatened violence.

### **Social and Spiritual Welfare Service**

The Social Welfare Service attended to 3 mentally unsound people and referred them over to the Psychiatrist, 7 babies for adoption were also referred to the Provincial Welfare Officers, assisted 9 disadvantaged rural based patients who had difficulty in funding their repatriation home, 12 deserted small children were referred to the Provincial Welfare office and 17 family members of deceased relatives were assisted to return home.

### **National Orthotic and Prosthetic Service (NOPS)**

This is the supportive centre where artificial limbs are manufactured for individual patient needs; their sheltered workshop builds coffin boxes and sold to relatives of the deceased.

The 14 National Orthotic and Prosthetic staff members were year marked to be transferred to the ANGAU hospital structure when our new restructure gets approval by DPM.

In 2014 NOPS fitted 455 artificial limbs and 713 in 2015 and 685 in 2016. They sold 198 crutches in 2014, 149 crutches in 2015 and 82 crutches in 2016. It made and sold 128 coffins to relatives of the deceased in 2015 and 72 in 2016.

### **Mortuary Service**

The hospital had 4 containerised freezers with temperatures regulated to store dead bodies before taken away for burial.

Twice weekly autopsies were conducted to determine the causes of death upon a coroners request for an autopsy. Unclaimed bodies are stilled stored for up to six months and require the LAE City Council's assistance for burial.

Number of Autopsies performed in 2014=156, 2015=171 & 2016=191

### **BIOMEDICAL EQUIPMENT ENGINEERING**

The Biomedical Unit is an essential part of any hospital function that services and maintains all the medical equipment in the hospital. It is highly technical and ANGAU Hospital is fortunate to have three biomedical technicians who ensure that all essential Medical Equipment are operational to maintain the continuity of hospital care.

### **MEDICAL LABORATORY**

The medical laboratory is a diagnostic facility that supports clinicians in accurately managing their patients by providing an up to date and timely report on body specimens collected and sent for analysis.

ANGAU Hospital offers Medical Laboratory test for Biochemistry, Haematology, Serology (HIV, Hepatitis & Immunology), Microbiology and Histopathology.

The total individual list of test done by each section in the Pathology Laboratory in the year 2016 were;

Biochemistry	158,601
Haematology	19,368
Microbiology	5,194
Serology	10,800
Immunochemistry	279
Histopathology	4,433
Blood Grouping	5,154
Blood X-matches	3,653

(Note: The total of 4,433 is a combination of 4,070 pap smears and 363 histopathology test).

### **Malaria laboratory**

The Malaria Laboratory smeared a total of 9,741 blood slides for malaria diagnosis in 2016. All malaria blood slides done inclusive of the main Pathology Laboratory was 13,448.

### **Blood Bank**

The Blood Bank is a Medical Services function that is successfully run by Nursing Officers. Blood Bank attendance was 6,185 in 2016. The total number of blood bags donated was 2,809 in 2016.

A total of 4,363 were grouped for X-Match and made available, out of this 3,586 units were actually X-Matched but 2,334 bags were ever transfused.

The Staff of the blood bank do a commendable job to ensure that ANGAU Hospital is well stocked with blood for all surgery throughout the year 2016.

### **MEDICAL IMAGING**

Medical Imaging is a medical procedure that helps clinicians confirm diagnosis of some illness and injuries to bony structures. This includes plain X-rays, Ultra Sound Scan and C T Scan. The Medical Imaging Unit has three conventional X-ray Machines, a manual X-ray Film Processors and two CR machines as well as an Ultrasound Scan. The new C T Scan installed but became faulty after flooding in 2015 and a replacement is yet to be installed.

In 2016 a total of 15,046 plain X-ray examinations were done with 30 special radiological examinations. Chest X-Rays account for three quarters of all X-ray examination done.

Ultrasound Scan examinations done in 2016 was 2,803.

### **PHARMACEUTICAL SERVICE**

The Hospital Pharmacy receives most of its pharmaceutical and medical supplies from the Government Base Medical Stores which procures and distributes them to all health facilities around the country. The Hospital pharmacy in turn dispenses them to all sections of the hospital as well as dispensing to patients directly through a doctor's prescription.

A total of 53,804 prescriptions were served in 2015 with a monthly average of 4,484 which is 224 prescriptions per day. In 2016 a total of 55,939 prescription forms were served with a monthly average of 4,662 which is 233 per working day.

The consumption of pharmaceutical products in LAE is surprisingly high.

ANGAU Hospital Trust Account funds were exhausted when so many of the basic essential medicines were not supplied by the Base Medical Stores. The Hospital spent over K820,728 on medical supplies and consumables due to these short falls for the year 2016. Out of this City Pharmacy received the highest amount of K128,631.50.

### **Medical Library**

Medical Library provides reference books and journals for all hospital staff who wish to further their medical training. It is not fully resourced now but will be looked at when we relocate to another location later. An Internet cafe is planned which will boost the flow of educational information for all our staff.

### **MEDICAL RECORDS**

Patient management records are stored and tabled in the hospital Medical Records Section. All hospital statistics are collect-



ed and processed by the Medical Records Section.

### ISSUES & CHALLENGES

Medical and Pharmaceutical Supply shortfalls had exhausted hospitals funds and continues to do so due to inadequate quantity issued to us by the Base Medical Stores.

ANGAU Hospital continues to appeal to our valued partners in LAE District Health, HOUN GULF District Health & NAWAEB District Health to open their clinics at least during all working hours. These 3 Districts that share part of the urban land boundary within the LAE City need to increase their nursing staff strength by creating more new nursing positions in their structure as well as HEO's and Medical Officers to help take some load off from ANGAU Hospital's Emergency Department.

Shortfalls in the delivery of services at ANGAU Hospital are countrywide that will only be solved with the National Government intervention.

### Staff Farewell

The Medical Services farewelled DR MICHAEL GARUAI who retired after many years of service to ANGAU Hospital.

The Medical Services also farewelled DRS ALPHONSE RONGAP Snr (Paediatrician) and DR SONGLI SOCTINE (DMS), both very senior staff of ANGAU who died during the year 2016.

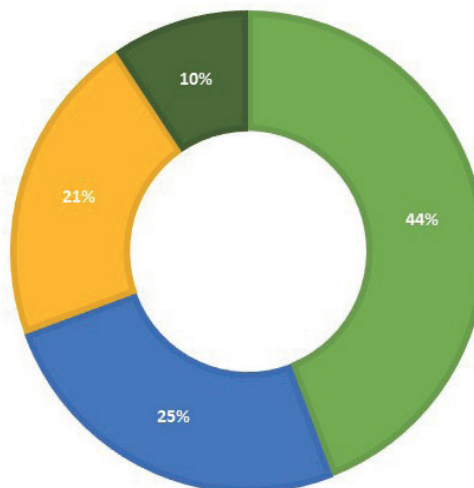
Recently we have farewelled Mr. SONETH-ANE NGAHAN (Senior Medical Records staff) and DR. DELA PUKATOU (Hospital Staff Doctor).

DR RUSO PERONI

A/Director Medical Services

### COMMON CAUSES OF ED ATTENDANCE AND ADMISSION

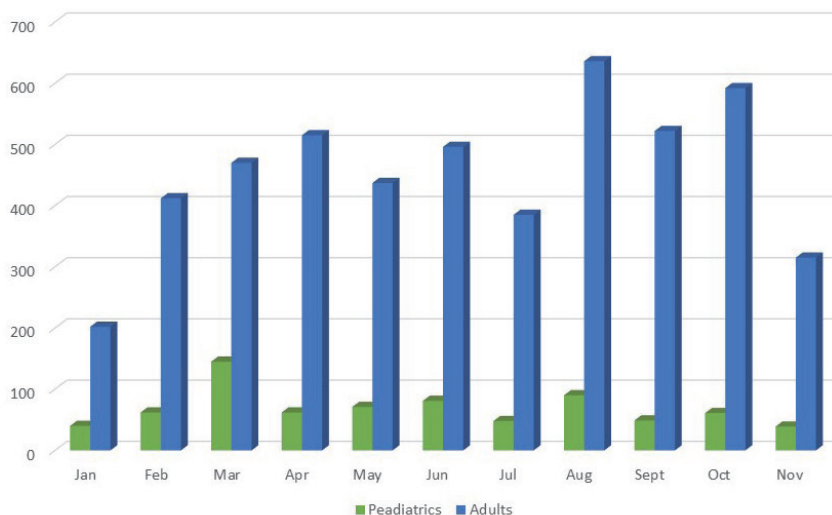
■ Respiratory Track Disease ■ Malaria ■ Trauma ■ Gastro Intestinal Disease



### Well Women's Clinical Services provided in 2016

Total Client Reviews and Appointments	3577
Total Pap Smear Tests Performed	1297
Total Normal Smears Identified	129
Total Inflammatory Cells Identified/ Treated	685

### ENT Clinic Statistics 2016



Total number of paediatric and adult patients that visit the ENT Clinic.

# Financial Statements

Year Ended 31 December 2016



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# ANGAU MEMORIAL GENERAL HOSPITAL

## DECLARATION BY MANAGEMENT

In accordance with a resolution of the Board of the ANGAU Memorial General Hospital, being responsible for approving the annual accounts, we state that:

- a) The accompanying financial statements of the ANGAU Memorial General Hospital have been drawn up so as to give a view of the receipts and payments of the Hospital for the year ended 31 December, 2016.
- b) This report has been prepared in accordance with the Finance Instructions 2/2004 issued under Section 117 of the Public Finance (Management) Act 1995 and the International Public Sector Accounting Standard - Financial Reporting Under the Cash Basis of Accounting.
- c) We certify that all records and books of account have been properly maintained.
- d) We certify that the Statement of Receipts and Payments for the year ended 31 December, 2016 are correct.
- e) As at the date of this statement, there are reasonable grounds to believe that the Hospital will be able to pay its debts as and when they become due and payable.

On behalf of the Board

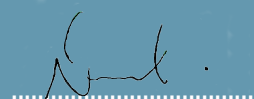
Signed in Lae this                      day of                      , 2017



David Wissink  
Chairman



Dr Christopher Kenyhercz  
Chief Executive Officer



Aung Kumal  
Director Corporate Services



CONSOLIDATED STATEMENT OF ACCUMULATED FUNDS  
AS AT 31 DECEMBER 2016

	FY 2016	FY 2015
Accumulated Funds brought forward	34,440,337	35,434,811
Operating surplus/ (deficit)	7,191,827	(994,474)
Total Accumulated Funds	41,632,164	34,440,337

This is represented by:

Current Assets

Operating Bank Account	14,794,529	15,278,371
Trust Bank Account	1,597,808	2,241,383
Redevelopment Bank Account	5,239,827	16,920,583
Interest Bearing Deposit	20,000,000	
Net Cash/ Funds Available	41,632,164	34,440,337

CONSOLIDATED STATEMENT OF RECEIPTS & PAYMENTS  
AS AT 31 DECEMBER 2016

	Notes	Total FY 2016	Total FY 2015
RECEIPTS			
Appropriations from government	4	59,564,079	53,124,438
Other Receipts	5	987,636	456,796
Total Receipts		60,551,715	53,581,234
PAYMENTS			
Salaries, Wages & Employee Benefits		35,580,385	31,080,631
Supplies and Consumables	6	3,842,305	3,805,534
Utilities		5,522,708	4,772,313
Administrative Expenses	7	1,118,778	1,181,569
Other Expenses	8	6,609,089	6,662,200
Capital Expenditure	9	686,623	7,073,461
Total Payments		53,359,888	54,575,708
INCREASE/ (DECREASE) IN CASH		7,191,827	(994,474)
Cash at Beginning of the Year	10	34,440,337	35,434,811
Increase/ (Decrease) in cash		7,191,827	(994,474)
Cash at End of the Year	10	41,632,164	34,440,337



CONSOLIDATED STATEMENT OF RECEIPTS & PAYMENTS  
AS AT 31 DECEMBER 2016

	Notes	Receipts/Payments Controlled by Entity FY 2016	Payments by other Government FY 2016	Payment by Exter- nal Parties FY 2016
RECEIPTS				
Appropriations from government	4	30,230,830	29,333,249	0
Other Receipts	5	987,636	0	0
Total Receipts		31,218,466	29,333,249	0
PAYMENTS				
Salaries, Wages & Employee Benefits	6	6,247,136	29,333,249	0
Supplies and Consumables		3,842,305	0	0
Utilities		5,522,708	0	0
Administrative Expenses	7	1,118,778	0	0
Other Expenses	8	6,559,089	0	0
Capital Expenditure	9	686,623	0	0
Total Payments		23,976,639	29,333,249	0
INCREASE/ (DECREASE) IN CASH		7,241,827	0	0

**CONSOLIDATED STATEMENT OF RECEIPTS & PAYMENTS**  
**AS AT 31 DECEMBER 2016**

	Notes	Receipts/Payments Controlled by Entity	Payments by other Government	Payment by External Parties
		FY 2015	FY 2015	FY 2015
<b>RECEIPTS</b>				
Appropriations from government	4	28,500,642	24,623,796	0
Other Receipts	5	456,796	0	0
Total Receipts		28,957,438	24,623,796	0
<b>PAYMENTS</b>				
Salaries, Wages & Employee Benefits		6,456,835	24,623,796	0
Supplies and Consumables	6	3,805,534	0	0
Utilities		4,772,313	0	0
Administrative Expenses	7	1,181,569	0	0
Other Expenses	8	6,662,200	0	0
Capital Expenditure	9	7,073,461	0	0
Total Payments		29,951,912	24,623,796	0
INCREASE/ (DECREASE) IN CASH		(994,474)	0	0



**ANGAU MEMORIAL GENERAL HOSPITAL**  
**NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED 31 DECEMBER 2016**

**SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The ANGAU Memorial General Hospital provided primary health and hospital services to the people of Morobe Province, mainly funded by the Government of Papua New Guinea. The objectives of the hospital are to: manage and maintain curative services, improve standards of patient's care, provide training to medical students and other health staff as well as provision of specialist doctors in the hospital and rural areas.

ANGAU Memorial General Hospital is established under the Public Hospital Act 1994, which regulates the services and functions of the hospital, its Board, its CEO and the appointment of officers. The hospital is a public body and reports and operates under the Public Finances (Management) Act 1995.

**1.1 Basis of Accounting**

The financial statements are general purpose financial statements and have been prepared on a cash basis of accounting in accordance with the International Public Sector Accounting Standard (IPSASs)- Financial Reporting Under the Cash Basis of Accounting issued by the International Federation of Accountants.

The financial statements are in line with requirements for non-for-profit entities in Papua New Guinea as required by the Finance Instructions 2/2004 issued under Section 117 of the Public Finances (Management) Act 1995.

The accounting policies set out below have been applied in preparing the financial statements for the year ended 31 December, 2016. The going concern basis was used to prepare the financial statements.

**1.2 Basis of Consolidation**

The financial statements incorporate operating bank account, other trust and project accounts.

The balances and effects of transactions between the account included in the financial report have been fully consolidated. Separate records were maintained for each account:

- a) Operating Account with the BSP Bank; for the purpose of receiving government grants and used for payments of personal emolument, goods and services and other ongoing expenses and fixed assets such as office equipment, plants & equipment and motor vehicles.
- b) Trust Account with BSP Bank; for the purpose of collecting patient fees, donations, house rentals and other receipts. The money is used to pay for purchase of medical drugs, medical supplies and other operating expenses.
- c) Project Redevelopment Account with BSP Bank; for managing funds for specific projects.

Project codes are assigned in the Hospital's financial system that enables the Hospital to separately identify and report on funds received for specific projects.

In many cases, this is necessary to meet contractual and accountability obligations imposed by funding bodies. The project monies are placed in special bank accounts and expended in accordance with the terms of government agreements. The monies are not available for other purposes.

**1.3 Functional and Presentation Currency**

The financial report is presented in PNG Kina. ANGAU MEMORIAL GENERAL HOSPITAL

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**1.4 Foreign Currency Transactions**

Transactions denominated in a foreign currency are converted at the rate of exchange prevailing at the date of the transaction.

**1.5 Comparative figures**

Where necessary, comparative figures have been adjusted to conform with changes in presentation in these financial statements.

**1.6 Cash at Bank**

Cash at Bank comprises cash on hand, cash at bank, deposits held at call and money market investment which can be readily converted to cash. The Hospital does not operate a bank overdraft.

**1.7 Receipts**

Government grants are recognized as revenue at the time the cash is received in the operating account. Patient fees are recognized as revenue at the time when the cash is collected.

Appropriations and other receipts are deposited into its bank accounts and are controlled by the Hospital's Board.

**1.8 Payments**

Payments are recognized as expenses at the time the cheque is raised for payment.

**1.9 Taxation**

The Hospital is exempted from paying all types of taxes including income tax. This is in accordance with the Income Tax Act 1959, Section 24, Subsection A - Exemption of Public Authorities.

**1.10 Events Since Balance Date**

There are no events occurring after the balance date that could materially affect the financial position of the Hospital as at 31 December 2016.

**1.11 Economic Dependency**

The Hospital is to a significant extent dependent on monies received from the Government to fund its operations. In 2016, funding from government represented 98.4% (2015: 99.1%) of the total receipts.

**1.12 Payments by Other Government Entities - Department of Finance**

The Hospital benefits from payments made by Department of Finance. These payments constitute cash receipts and payments of the Hospital, and are controlled by the Hospital, as the Personal emoluments have been appropriated through the National Budget.

The International Public Sector Accounting Standard (IPSASs) - Financial Reporting Under the Cash Basis of Accounting required separate presentation of the Payments by Other Government entities in the Consolidated Statements of Receipts and Payments. These financial statements did not follow the requirement hence, it represented a departure from IPSAS.

**1.13 Fixed Assets**

The Hospital does not maintain a fixed asset register and is therefore unable to disclose total balance for fixed assets in the financial statements.



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Set out in the table below is a summary of fixed asset addition for the past six years:

	Office Equipment	Plant & Equipment	Motor Vehicles	Renovation & Construction	Total
FY 2011	164,630	535,578	134,642	114,682	949,532
FY 2012	140,152	917,013	79,990	5,430,722	6,567,877
FY 2013	309,586	738,613	561,511	1,494,394	3,104,104
FY 2014	633,847	2,147,813	56,089	4,807,104	7,644,853
FY 2015	1,019,371	1,483,595	-	4,570,495	7,073,461
FY 2016	404,960	47,140	-	234,523	686,623
	2,672,546	5,869,752	832,232	16,651,920	26,026,450

The Hospital owns land as outlined below with current title to these land holdings:

	Section	Allotment	Town	Province
Hospital Site - Markham Road	177	03	Lae	Morobe
Hospital Staff Housing - Markham Road	177	04	Lae	Morobe
Old Airport Land - Markham Road	375	03	Lae	Morobe
House & Land - Sangeng Street, Omili	123	05	Lae	Morobe

#### **1.14 Liabilities**

The Hospital does not maintain a creditors ledger and is therefore unable to disclose the balance for trade creditors and other liabilities in the financial statements.

#### **1.15 Medical Materials**

The Hospital incurred costs in purchasing medical drugs and pharmaceutical products that are not readily available in the Area Medical Store.

#### **2. Government Grants**

The Government provides grants to the Hospital through the Annual Budget and the Department of Health which are received in the operating account to finance the Hospital's requirements.

#### **3. Interest Income**

The Hospital earns a normal amount of interest on the Hospital Trust Account held with BSP. The interest income earned on the bank account was transferred by way of automatic direct debit to a bank account nominated and controlled by the Department of Health.

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**4. Appropriations from Government**

	2016	2015
	K	K
Government Grants - CFC's	17,844,932	18,500,642
Government Grants - Cancer	385,898	0
Government Grants - Redevelopment Project	12,000,000	10,000,000
Other Funds paid by government agencies - Concept Payroll	29,333,249	24,623,796
<b>Total</b>	<b>59,564,079</b>	<b>53,124,438</b>

**5. Other Receipts**

	2016	2015
	K	K
Hospital Fees	226,437	179,577
Housing Rentals	327,751	185,581
Interest income - Trust Account	2,792	2,529
Refund of overpayment to contractors	39,381	0
Additional Subsidy for CEO's Salary	292,516	0
Other income	0	59,110
Donations	67,976	30,000
<b>Total</b>	<b>987,636</b>	<b>456,796</b>

**6. Salaries, Wages and Employee Benefits**

Personal Emoluments payments comprise all payments out of government appropriations centrally administered by the Department of Finance, as well as payments from the Operating Accounts, Trust Account and Project Account.

	2016	2015
	K	K
Salaries and Allowances	3,549,824	3,693,026
Overtime	102,935	94,500
Leave Fares	1,227,886	1,862,611
Retirement Benefits, Gratuities and Retrenchments	1,366,491	806,698
Salaries and Wages paid directly by Concept Payroll	27,414,251	23,451,589
Superannuation - permanent staff (paid for by Dept. of Finance)	1,918,998	1,172,207
<b>Total</b>	<b>987,636</b>	<b>456,796</b>



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Note - Salaries & Wages payments for permanent staff are paid directly through the Concept Payroll system. Net Salary payments are made directly from the National Department of Finance Bank Account and as such these amounts are not processed through the ANGAU Bank Account. Payments made through Concept Payroll must be added to salaries and wages paid from ANGAU bank accounts to determine total personal emoluments.

**7. Administration Expenses**

	2016	2015
	K	K
Administration & Consulting	88,200	148,192
Transport and Fuel	394,115	471,397
Officer Materials and Supplies	143,859	443,106
Training	492,604	118,874
<b>Total</b>	<b>1,118,778</b>	<b>1,181,569</b>

**8. Other Expenses**

	2016	2015
	K	K
Travel and Subsistence	444,404	783,213
Rental of Properties	4,345,318	3,651,912
Routine Maintenance	330,178	423,861
Other Operating Expenses	1,436,397	1,800,685
Interest Transferred to Consolidated Revenue	2,792	2,529
Memberships and Subscriptions	50,00	0
<b>Total</b>	<b>6,609,089</b>	<b>6,662,200</b>

**9. Capital Expenditure**

	2016	2015
	K	K
Office Equipment	404,960	1,019,371
Motor Vehicles	0	0
Plants and Equipement	47,140	1,483,595
New Contruction and Renovations	234,523	4,570,495
<b>Total</b>	<b>686,623</b>	<b>7,073,461</b>

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**10. Cash at Bank**

	2016	2015
	K	K
Operating Account	14,794,529	15,278,371
Trust Account	1,597,808	2,241,383
Interest Bearing Deposit	20,000,000	0
Total	686,623	7,073,461

**11. Related Party Transactions**

The key management personal (as defined by IPSAS 20 Related Party Disclosure) of the Hospital are the Minister, Secretary of the Department of Health, members of the Board and the members of the senior management group.

The Minister is not remunerated by the Hospital.

The aggregate remuneration of the Board members and the number of members determined on an annual basis receiving remuneration are:

Aggregate Remuneration:	55,579	Number of members	5 persons
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Note - There are nine members of the Board of ANGAU Memorial General Hospital. Of these, four members are public servants and do not receive any additional remuneration for their duties as Board Members. The other five Board members receive remuneration which is detailed above. It should be noted that the payment of FY2015 remuneration was paid in FY2016, along with the payment of stipend allowances for the half year to June 2016.

The senior management group consist of the Chief Executive Officer, Director of Corporate Services, Director of Medical Services and Director of Nursing Services. The aggregated remuneration of the members of the senior management group and the number of managers on an annual basis receiving remuneration are:

Aggregate Remuneration:	xxxxx
Number of persons:	x persons

**12. Commitments**

Commitments for future expenditure include operating and capital commitments arising from contracts. These commitments are disclosed when considered appropriate and provide additional relevant information to users.

The following are significant contracts entered with suppliers:

	2016	2015
	K	K
Nil	0	0
Total	0	0

*All amounts shown in the commitments note are nominal amounts inclusive of GST.*

In the normal course of business, the Hospital does not lease facilities, hence there are no minimum lease payment under lease agreements are detailed in this note.

**13. Contingent Assets and Contingent Liabilities**

Contingent assets and contingent liabilities are not recognized in the statement of Receipts and Payments, but are disclosed by way of note and, if quantified, are measured at nominal value. Contingent assets and contingent liabilities are presented inclusive of GST receivable or payable respectively.

# Thank you

The board members, management and staff would like to thank the following people and organisations for your support to the hospital in 2016.

Acts 29 - Paediatric Team at ANGAU Hospital

All other Denominational Groups

Government of Australia - Department of Foreign Affairs and Trade

Bank South Pacific

Buimo Correctional Institute

Bumayoug Lutheran Secondary School

Cancer Foundation

Cancer Relief Society

City Pharmacy

Changhui Christian Hospital - Taiwan

Christian Revival Crusade Lae

Church of Jesus Christ of Latter-Day Saints Lae

Datec Lae

Digicel PNG Ltd

Daikin PNG

Dr. John & Andrea Niblett

Ela Motors Lae

Fijian Community of Lae

Fred Hollows Foundation

Guard Dog Security Services

Government of Papua New Guinea

Hornibrook NGI Limited

Health and HIV Implementation Service Provider (HHISP)

Huon Gulf Rotary Club

Interplast - Australia & New Zealand

JDA Applus Velosi PNG

Kina Bank

KK Kingston Ltd

Kuima Security Services

L&C Pacific Enterprise

Lae Biscuit Company

Lae Builders & Contractors

Lae City Council

Lae International Hotel

Lae Lions Club

Lae School Of Nursing

LD Logistics

Nurses Christian Fellowship

Lutheran Church

Mainland Holdings - Tablebirds

Marie Stopes Lae

Meddent Medical Services

Medical Equipment Maintenance Project

Morobe Midwifery Association Branch

Morobe Nurses Association Branch

Morobe Provincial Government

Morobe Provincial Health Division

National Broadcasting Corporation

National Department of Health

National Fisheries Authority

NARI

NKW Group

Orthodaepics Specialist Team

Panamax Lae

Papindo Lae

Philippines Community in Lae

PNG Tribal Foundation

Prima SmallGoods

Prime Travel Services

Remington Lae

Soroptomist International Lae

St. Mary's Catholic Group

Summer Institute of Linguistics PNG

Telikom PNG

Technical Enabling Unit - Cardno

TSCF for Secondary Schools in Morobe

University of PNG - Medical Faculty

University of Technology

Wafi-Golpu Joint Venture

WAP & Company Security Services

VSO

Westpac Bank

World Health Organization

World Vision International Lae

Yamgar Investment





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