

The Australian Government's Fiji Program Support Facility

Fiji Facility Health Program

5th Pacific Biomedical Network (PBN) Meeting, 29th – 31st May 2023

THEME: "SUSTAINING BIOMEDICAL SERVICES IN THE PACIFIC REGION"

Title: "Our partnership - Improvement Initiatives for the Biomedical Engineering team at CWM Hospital"

Ms Vasiti Nawadra-Taylor Hospital Supply Chain Support







CWMH

- Centennial Year
- 527 bed hospital
- Referral Hospital

Linkages – Our Support to Health Sector

Supply Chain Reform Project

End of project outcome:

FHP supports MHMS supply chain reforms to improve access to essential drugs and medical supplies

Intermediate outcomes and key outputs by 2024:

WAREHOUSING AND DISTRIBUTION:

Fiji's major warehouses have institutionalised mSupply, leading to accurate real-time data on stock availability and faster order processing

HEALTH FACILITY STOCK MANAGEMENT:

There is greater than 90% availability of essential drugs and medical supplies across all hospitals and health facilities

PROCUREMENT AND FORECASTING:

MHMS has lower drug costs, more effective and timely procurements, and fewer supplementary/ emergency orders

FPBS, IMT Warehouse and FEMAT Warehouse have real-time and accurate information on stock availability and orders from health facilities.

mSupply is implemented in over 200 hospitals and health facilities in Fiji with demonstrated improvements in ordering and stock control. FPBS conducts annual tenders for all health commodities resulting in improved value for money and reduced supplementary and emergency orders.

Warehousing procedures are optimised to reduce order processing times and improve order processing accuracy. Major hospitals have improved availability of PPE and IPC supplies on wards and at point-of-service delivery. Quantification for orders is accurate resulting in greater than 90% availability of essential health commodities and reduced stockouts at FPBS.

Area medical stores established and operational in strategic locations across Fiji, and goods are delivered directly to >95% of health facilities.

Major hospitals are using mSupply to track biomedical equipment and there are improvements in timely maintenance. Health commodities managed through programs are digitised and integrated with other processes wherever possible.

National health facility survey completed and findings actioned by MHMS.

Objectives of BPHN Meeting

Leadership

Capacity Building

Network

- Coaching of BME lead & senior team
- Appointment of Improvements Officer
- ICT Capacity Building: Use of Tupaia IS for asset registration & Management
- Mini 2nd level Storage for new Biomedical Equipment
- Develop/Review of framework documents e.g. SoPs, Policies
- Develop Training Plan for Certification on High End Equipment

BPHN

Need to link with Aust/NZ

Achievements

- Completed review of CWMH BME SCM & now implementing key recommendations up to Dec 2024.
- Completed Board of Survey of obsolete BME>3years
 - Value \$FJD 1.65 million
- Adopt Tupaia Information Systems @ AUD 92,000, Q3 2023
 - Governance compliance, National Digital Health Strategy
 - Completed Flowchart of Registering New Equipment & PM
- Review of CWMH complete Biomedical Equipment List, 75% completed

Lessons Learned

- Appreciation and Value of Biomedical Engineering Cadre
 - Registration of Cadre?
 - Career Pathways
 - Job Evaluation Exercise/MQR
 - Special certification for Engineers
- Good Governance for Biomedical Equipment
 - Review National BME Committee ToR or merge 3 National Committees
 - National Standards for Biomedical Equipment
 - Clinically driven BME List (within expertise & governance framework)
 - Better Asset Management

Sustainability

- Special Certification
- Reduced Carbon footprint?

Lessons Learned

- Appreciation and Value of Biomedical Engineering Cadre
 - Registration of Cadre?
 - Career Pathways
 - Job Evaluation Exercise/MQR
 - Special certification for Engineers
- Good Governance for Biomedical Equipment
 - Review National BME Committee ToR or merge 3 National Committees
 - National Standards for Biomedical Equipment
 - Clinically driven BME List (within expertise & governance framework)
 - Better Asset Management

Sustainability

- Special Certification
- Reduced Carbon footprint?
- Continue PHN Regionalism, Sub-regional Platform

Moving Forward: Upcoming Support

- Specialist Review for BME Systems and Cadre
 - Governance Structure
 - Career Pathways
 - Improved Supply Chain Management for BME
 - Sustainability
- Absorption of Project officer
- Australia Awards Priority for Health

Thank you Vinaka vakalevu