



# ROTARIANS AGAINST MALARIA NATIONAL MALARIA CONTROL PROGRAM



## Q2 MALARIA TRIP REPORT ON THE SUPERVISORY M&E VISIT AND DRUG DISTRIBUTION FOR EAST NEW BRITAIN PROVINCE, APRIL 2024



**By:** Erica Nawara, Malaria Coordinator NIP/ENB- RAM/NMCP



**DATE:** 06-28.04.24

**ENBPHA Malaria Team:**

1. Mr. Patrick Vuravura- Provincial Malaria Supervisor (PMS)
2. Miss. Joelyn Salo- Homebased Management of Malaria Officer (HMMO)
3. Mr. George Luga- Driver (Casual)

**People met with in the Province:**

1. Mr. Norman Vakore- Public Health Director
2. Mr. Joachim Kais Provincial Disease Control Officer
3. Ms. Imelda Kally- District Health Coordinator, Pomio
4. Mr. Conrad Piya- District Health Coordinator, Gazelle
5. Mr. Patrick Vuravura- Provincial Malaria Supervisor
6. Miss. Joelyn Salo- Homebased Management of Malaria Officer (HMMO)

**Purpose:** Round 2 of Malaria Supervisory Visit and Drug Distribution of Malaria Commodities (RDTs, ACTs & Primaquine) for all the Health Facilities in East New Britain (ENB) Province 2024.

**Objective**

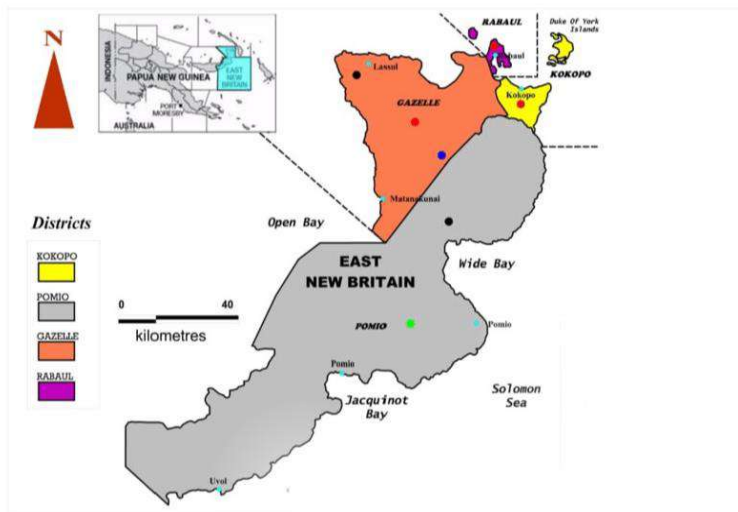
This was the second trip of 2024, to visit all accessible health centres (HC) in East New Britain Province (ENBP), and ensure that healthcare givers in these facilities are correctly diagnosing and treating malaria cases as per National Malaria Treatment Protocol. This trip was also to ensure that there is adequate supply of Malaria Rapid Diagnostic Test (RDT) kits, Artemisinin-based Combination Therapy (ACT)s and other malaria commodities including Antenatal Care (ANC) nets in all health facilities based on consumption rates and as per their monthly Malaria Register reports and National Health Information System (NHIS) reports.

**Brief Background of East New Britain Province**

East New Britain is a province of Papua New Guinea consisting of the north eastern part of the island of New Britain and the Duke of York Islands. The capital of the Province is Kokopo not far from the old Capital of Rabaul, which was largely destroyed in a volcanic eruption in 1994. East New Britain has 4 districts which is Kokopo, Rabaul, Gazelle and Pomio and 23 Local Level Government. East New Britain has 32 Health Facilities which are coded under the National Health Information System (NHIS).



Below is the Map of East New Britain Province



### **SUMMARY OF QUARTER TWO VISIT**

**Table 1:** Shows the Summary of what has been done in Q2 Malaria Visit in ENBP.

Days	Dates	Activities done
Tuesday	02.04.24	Health Facility visit and drug distribution to Tapo HC, Gelegele HC and Papatatava HSC by the PMS Mr. Patrick Vuravura.
Wednesday	03.04.24	Health Facility visit and drug distribution to Mungou HC by the PMS Mr. Patrick Vuravura.
Thursday	04.04.24	Health Facility visit and drug distribution to Kerevat RH, Gaulim HC, Napapar HC and Warangoi RH by the PMS Mr. Patrick Vuravura and HMMO Miss. Joelyn Salo.
Friday	05.04.24	Health Facility visit and drug distribution to Tapipipi HC, Vunapaka HC, Livuan Day Clinic and Rabaul Urban Clinic by the PMS Mr. Patrick Vuravura and HMMO Miss. Joelyn Salo.
Saturday	06.04.24	Health Facility visit and drug distribution to Lassul Bay HC by the PMS Mr. Patrick Vuravura.
Sunday	07.04.24	Loaded vehicle with Drugs and HMM cargoes. Traveled to Wide Bay, but did not make it due to very bad road conditions, so the team traveled back to Kokopo.
Monday	08.04.24	Did wrapping for all the Drugs and HMM cargoes. Consigned all the cargoes on RAMs shipping bound for Palmalmal Station Pomio. Bought 3 passengers ship ticket for the PMS, HMMO and myself.
Tuesday	09.04.24	Travel to Palmalmal Station Pomio on the Ship, it was a 18hours ship ride.
Wednesday	10.04.24	Arrived in Palmalmal Station, Pomio on the ship. Unloaded all the cargoes on the ship. Palmalmal Rural Hospital Ambulance and EPI vehicle assisted the team to transport the cargoes to store at Palmalmal Rural Hospital Conference Room. Did Malaria CQI for all the staff at Palmalmal Rural Hospital, including all the CHWs from the Aidpost which are under their catchment. A total of 22 participants attended.



Thursday	11.04.24	Loaded the dingy with drugs and traveled to Uvol HC. Did HF visit and drug distribution as well as the Malaria CQI training. A total 5 HF staff attended the training. HMMO also collects her CMV's data and visited 3 CMVs. The team spend a night in Uvol.
Friday	12.04.24	Traveled back to Palmalmal Station. Assisted a patient with a diagnosis of right lower limb compound fracture to Palmalmal Rural Hospital. Arrived in Palmalmal Rural Hospital and arranged logistics for wide bay Trip.
Saturday	13.04.24	Traveled to Aona and Sivauna HC by the EPI vehicle and visited both Aona HC and Sivauna HC. The vehicle was driven by HEO/OIC of Palmalmal Rural Hospital because the driver has other commitments.
Sunday	14.04.24	Traveled to Pomio, visited Pomio HC. PMS went to Matong on the same day and visited Matong HC. The team couldn't make it to Nutuve HC because Pomio HC ambulance was not in good condition to assist the Team. Drugs for Nutuve HC and Muela HC were signed off and left at Pomio HC dispensary for pickup, both SIC's were informed.
Monday	15.04.24	Loaded the Dingy with Drugs and HMM cargoes and traveled to Wide Bay. Visited a CMV at Maskilcle Ward in East Pomio LLG, gave gumboots, T-shirt, and 3 box of RDTs and few ACTs. We couldn't make it to the shore because of no proper beach front to take the dingy in, so the CMV has to paddle to us with his canoe to collect his things. We also visited other 3 Wards with CMVs. We spend a night a night at Klampun Ward at the Ward Member's house.
Tuesday	16.04.24	Loaded the Dingy and traveled to Guma, visited Guma HC. Traveled to Hoiya HC, picked up CMVs on our way to Hoiya HC for their refresher training. Arrived at Hoiya HC did Facility Visit and drug distribution, while HMMO did her refresher training. A total 6 CMVs attended the refresher Training. After the training and facility visit the team traveled all the way to Marunga HC. Did Facility Visit and Drug distribution in the night and also spend a night at Marunga HC.
Wednesday	17.04.24	Loaded the dingy with the remaining drugs and travel to Mungou. Arrived in Mungou waited for an hour for the vehicle to arrive from Kokopo. Vehicle arrived and picked the team up to head back to Kokopo, while the District Health Dingy took off back to Palmalmal Station with the District Health Coordinator for Pomio District Ms. Imelda.
Thursday	18.04.24	Visited St Marys Hospital Vunapope & Butuwin Urban Clinic. Arrange logistics for Malaria School Survey and CQI Training at St Mary's School of Nursing Vunapope
Friday	19.04.24	Traveled to Duke of York Islands, visited Molot and Vatnabara HCs and returned back to Kokopo.
Monday	22.04.24	Health Facility Visit and drug distribution to Raunsepna HSC.
Tuesday	23.04.24	Health Facility Visit and drug distribution to Rabaul Provincial Hospital. Debrief with PDCO
Wednesday	24.04.24	Radio Talk back show to commemorate World Malaria Day on Radio ENB Went to Kerevat to follow up on the late monthly reports from Jan to March 2024
Thursday	25.04.24	Debrief with Public Health Director Attended the Filariasis Survey Training by WHO, IMR & JICA



Friday	26.04.24	Conducted Malaria CQI training for St Mary's School of Nursing. A total of 100 students and teachers attended the training.
Sunday	28.04.24	Travel back to POM. Couldn't make it to POM because of continuous flight disruptions in ENB
Monday	29.04.24	Travel to Namatanai from Kokopo via Dingy. NIPHA Malaria Team assisted me to Kavieng from Namatanai.
Tuesday	30.04.24	Traveled to POM from Kavieng Airport.

## Summary

Health Facility Visit and drug distribution for East New Britain Province in Q2 started 1 week early by the PMS and HMMO prior to the RMC arrival in the Province. A total of 28 Health Facilities were physically visited by the Team in Q2. Out of the 28 HFs 4 were not physically visited, but their drugs were signed off and left at the nearest HF for pickup and all the officers in charged were notified. There were no major stock outs of RDTs, ACTs and Primaquine at the Facility level, most facilities still have stocks available from Q1 so they were all given stocks according to their current stock on hand. Most HFs are keeping good stock management, however only few HFS needs more improvement. All HFs visited are following the new updated Malaria Treatment Protocol. Timeliness of monthly report submission is still an issue for few HFs. Clinical diagnosis is slowly declining and most of our HFs are now using the ENHIS tablets and they are up to date with the daily entries of Malaria data which is a very big improvement. HMM program also conducted the Malaria refresher training at Hoiya HC for the CMVs under Hoiya HC catchment area and the supervisory visit for CMVs under Guma HC catchment area. The team conducted 3 Malaria CQI trainings in this quarter, two at the HF level and one at the School of Nursing. Pomio District Health has supported the Team in this quarter with the dingy and vehicle which is the kind of support and partnership the program needed going forward. Acknowledgment to the Hard working Malaria Team in the Province for completing Q2 Malaria Visit successfully with 87.5% HF coverage rate.

## Rabaul District

Rabaul district has 2 reporting Health Facility which is Rabaul Urban Clinic and Nonga Rabaul Provincial Hospital. For this quarter it took 2 days to visit each Health Facilities. Rabaul Urban Clinic was visited by the Provincial Malaria Supervisor (PMS) and Homebased Management of Malaria Officer (HMMO) on April 21, 2024 and Rabaul provincial Hospital was visited by the whole team.

## Kokopo District

Kokopo District has 6 reporting Health Facilities which are Vunapope St Mary's Hospital, Butuwin Urban Clinic, Tapo HC, Gelegele HSC, Vatnabara HSC and Molot HC. It took 3 days in this quarter to visit all 6 Health Facility, 4 are easily accessible by road and 2 are sea accessible because they are both located on the Duke of York Islands.

## Gazelle District.

Gazelle District has 10 reporting Health Facility and they are Kerevat RH, Tapipipi HC, Gaulim HSC, Napapar HC, Lassul Bay HC, Paparatava HSC, Vunapaka HC, Livuan Day Clinic, Raunsepna HSC & Open Bay HC. It took 5days to visit 9 Health Facilities in this quarter. Out of the 10 Health Facilities 7 are easily accessible from Kokopo and 3 are inaccessible because it took more than 2 hours to reach them by road



and they are located in the mountains of Baining. These HFs are Raunsepna HSC, Open Bay HSC and Lassul Bay HC. Out of the 10 HFs the team managed to visit 9 HFs in this quarter. The Team couldn't make it to Open Bay HC because of bad road condition.

### **Pomio District**

Pomio District has 14 reporting Health Facility and it is the biggest district in the Province in terms of land mass. It also has most of the hard to reach health facilities because of its geographical location. In this quarter the Team managed to physically visited 11 Health Facility out of the 14. It took 8days in this quarter to visit the 11 health facilities, because of good weather. The Team traveled to Palmal Station on the Ship (Mira Spirit) and returned to Kokopo by Dingy. 3 of the HFs not physically visited are Nutuve HC, Visopuna HC and Muela HC, all these 3 HFs are listed as inaccessible health facilities.

### **HEALTH FACILITY COVERAGE RATE**

**Table 2:** Below indicates summary of the visit and mode of distribution used in Q2 2024

<b>28</b>	HF's which were physically visited and distributed
<b>0</b>	HF's not physically visited but commodities were picked up at PHO by Health Staffs
<b>4</b>	HF's not visited but commodities are left at the Transit Medical store & nearest HF for pickup.
<b>0</b>	HF's Closed
<b>32</b>	Total Accessible HF's
<b>17</b>	Total Inaccessible HF's
<b>32</b>	Total HF's open
<b>0</b>	Air Drop off HF supplies
<b>164.7%</b>	Coverage Percentage of Accessible HF's Visited
<b>87.5%</b>	Coverage Percentage of Total HF's

### **2024 Q2 HEATH FACILITY SUPERVISORY VISIT SUMMARY**

**Table 3.** Distribution of Health Facilities in the Province, their accessibility and the date of visits in quarter 2 2024.

DISTRICT	HF	HF TYPE	AGENCY	ACCESSIBILITY	ACCESSIBILITY STATUS	DATE OF VISIT
Gazelle	Kerevat HC	HC	Government	Road	Accessible	04.04.24
Gazelle	Lassul Bay	HC	Government	Road	Accessible	06.04.24
Gazelle	Napapar	SC	Catholic Health	Road	Accessible	04.04.24
Gazelle	Open Bay SC	SC	Company	Road	Inaccessible	<b>Not Visited</b>
Gazelle	Paparatava SC	SC	Catholic Health	Road	Accessible	02.04.24
Gazelle	Raunsepna SC	SC	Catholic Health	Road	Inaccessible	22.04.24



Gazelle	Vunapaka HC	HC	Government	Road	Accessible	05.04.24
Gazelle	Gaulim SC	SC	United Church Health	Road	Accessible	04.04.24
Gazelle	Tapipi HC	HC	Government	Road	Accessible	05.04.24
Gazelle	Livuan	SC	Government	Road	Accessible	05.04.24
Kokopo	Butuwin	SC	Government	Road	Accessible	18.04.24
Kokopo	Molot	HC	Government	Sea	Accessible	19.04.24
Kokopo	Vatanabara SC	SC	United Church Health	Sea	Accessible	19.04.24
Kokopo	Vunapope Hosp	Hospital	Catholic Health	Road	Accessible	18.04.24
Kokopo	Tapo HC	SC	Government	Road	Accessible	02.04.24
Kokopo	Gelegele	SC	Government	Road	Accessible	02.04.24
Pomio	Aona	SC	Catholic Health	Sea/Road	Inaccessible	13.04.24
Pomio	Guma	SC	Catholic Health	Road/Sea	Inaccessible	16.04.24
Pomio	Marunga	SC	Catholic Health	Road	Inaccessible	16.04.24
Pomio	Matong	SC	Government	Sea	Inaccessible	14.04.24
Pomio	Muela	SC	Catholic Health	Sea/Track	Inaccessible	<b>Not Visited</b>
Pomio	Mungou	HC	Government	Road	Accessible	03.04.24
Pomio	Nutuve	SC	Catholic Health	Sea/Track	Inaccessible	<b>Not Visited</b>
Pomio	Palmalmal	HC	Government	Sea	Inaccessible	10.04.24
Pomio	Pomio	HC	Government	Sea	Inaccessible	14.04.24
Pomio	Sivauna SC	SC	Government	Sea/Road	Inaccessible	13.04.24
Pomio	Uvol SC	SC	Catholic Health	Sea	Inaccessible	11.04.24
Pomio	Warangoi HC	HC	Government	Road	Accessible	04.04.24
Pomio	Viosopuna HC	HC	Government	Sea/Track	Inaccessible	<b>Not Visited</b>
Pomio	Hoiya SC	SC	SDA Health	Road	Inaccessible	16.04.24



Rabaul	Rabaul Provincial Hosp.	Hospital	Government	Road	Accessible	23.04.23
Rabaul	Rabaul UC	UC	Government	Road	Accessible	05.04.24

**PLAN FOR HARD TO REACH HEALTH FACILITIES**

**Table 4:** Shows plan for hard to reach Health Facilities in Q2 2024

No.	Health Facility	How drugs will be distributed	Reasons for not visiting the Health Facility physically
1.	<b>Muela HC</b>	Drugs signed off and left at Pomio HC for pick up. SIC was notified	Inaccessible/ Tracking HF
2.	<b>Visopuna HC</b>	Drugs signed off and left at Palmalmal RH for pickup. OIC was notified	Inaccessible/ Tracking HF
3	<b>Nutuve HC</b>	Drugs signed off and left at Pomio HC for pick up. SIC was notified.	Inaccessible/Pomio Ambulance was in bad condition so couldn't assist the Team to Nutuve HC and back.
4	<b>Open Bay HC</b>	Drugs signed off and left at Butuwin Provincial Store for pick up. OIC was notified.	Inaccessible/Bad Road Condition

**Table 5:** Shows Health Facilities visited by each Malaria Officers in Q2 2024

No.	HF visited by RMC, HMMO & PMS	HF visited by PMS & HMMO	HF visited by PMS
1	Aona HSC	Kerevat RH	Mungou HC
2	Sivauna HC	Tapipipi HSC	Tapo HC
3	Uvol HC	Napapar HC	Gelegele HC
4	Pomio HC	Rabaul UC	Paparatava HSC
5	Palmalmal RH	Livuan Day Clinic	Warangoi RH
6	Guma HC	Vunapaka HSC	Lassul Bay
7	Hoiya HC	Gaulim HC	Matong HC
8	Marunga HC		
9	Vatnabara HSC		
10	Molot HC		
11	Raunsepna HSC		
12	Rabaul Provincial Hospital		
13	Butuwin U/C		
14	St Marys Hospital		

According to the table above it shows that 14 HFs were physically visited by the PMS and HMMO before the arrival of the RMC which is one of the program achievements in terms of program sustainability at the PHA level.



## **STOCK MANAGEMENT**

Overall in the Province there's slow improvement due to continuous Health Facility visit and emphasizes. Stock Cards are kept well and updated for most HFs, only few Health Facilities still needs more improvement. Generally, there is **NO STOCK OUTS** of Malaria Commodities especially RDTs, ACTs and Primaquine at all the Health Facilities in East New Britain in Q2 2024.

**Table 6:** Shows Stock card management and stock out situation for the 28 Health facilities that were physically visited in Q2 2024.

<b>Health Facility physically visited</b>	<b>Stock Card Management</b>	<b>Stock Out Situation</b>
Paparatava HC	They have stock cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 Supplies were given according to their current stock on hand.
Napapar HC	They have stock cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they were found to have few supplies available. Q2 Supplies were given according to their current stock on hand.
Kerevat RH	Stock cards are well kept and its always updated	<b>NO STOCK OUTS</b> , they were found to have few stocks available. All their Q2 Supplies were given accordingly.
St Mary's Hospital (Vunapope)	Stock cards are well kept and its always updated	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Only RDTs and ACT 24 were supplies in Q2.
Tapipipi HC	They have stock cards but it's not updated.	<b>NO STOCK OUTS</b> , they have few supplies available. Q2 supplies were given according to the current stock on hand.
Gaulim HC	Stock cards are well kept and its always updated	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Tapo HC	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have sufficient stocks, so their Q2 supplies were given according to their current stock on hand.
Rabaul Urban Clinic	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 Supplies were given according to their current stock on hand.
Livuan Day Clinic	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they were given few stocks form the buffer stock before the actual distribution. All their Q2 2024 supplies were given during the visit.



Rabaul Provincial Hospital	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have sufficient stock of ACTs, so only RDTs was given during the Q2 visit.
Warangoi RH	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Gelegele HC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Mungou HC	They have stock Cards and it is only updated by the person responsible. When that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Butuwin Urban Clinic	Their Stock cards are well kept and it's always updated.	<b>NO STOCK OUTS</b> , they have sufficient stock, so their Q2 supplies were given according to their current stock on hand.
Vatnabara HC	They have stock cards and it is only updated by the person responsible and when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Molot HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Vunapaka HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024. Their Q2 stock were given according to their current stock on hand.
Lassul Bay HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> All their Q2 supplies were given during the visit.
Aona HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024. Their Q2 stock were not supplied. Most of their stocks were removed and redistributed to other HFs who needed supplies.
Sivauna HC	They have stock cards but is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 were given according to their current stock on hand.
Uvol HC	They have stock cards but is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.



Palmalmal RH	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Pomio HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Matong HC	They have stock cards and it is only updated by the person responsible and when that person is not available then the stock card is not updated.	They have stock outs on ACTs in a month, but it was not reported and also the stock out experienced is because they did not receive their Q1 supplies from Kokopo. Q1 supplies were supposed to be send to Palmalmal, but because of the PDCO's advice saying the PMS will do the distribution once his claim is ready. But unfortunately the claim was not ready, so their Q1 supplies was delivered by the Team during the Q2 visit. They were using Quinine tablets during this stock out period.
Guma HC	They have stock cards but is not updated.	They have few days' stock outs on ACTs because they did not receive their Q1 Supplies. Same issue as Matong HC. But they did seek assistance from Hoiya HC.
Hoiya HC	They have stock cards and it is only updated by the person responsible and when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.
Marunga HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q1 2024 distribution. Q2 supplies were given according to their current stock on hand.

### **ACCOUNTABILITY OF MALARIA DRUGS**

Accountability of Malaria Drugs is slowly improving in most HFs, which is a positive sign. This issue was continuously mentioned during all the quarterly visit, so most HFs are making sure all their drugs supplies are accounted for.



## **DRUG DISTRIBUTION**

**Table 7:** Shows RDTs, ACTs and Primaquine procured by NDoH and supplied by Kokopo AMS and distributed in Q2.

ITEM	BATCH NUMBER	EXPIRY DATE	TOTAL SUPPLIED IN Q1
<b>RDT</b>	<b>H006B010DB</b>	<b>09/24</b>	<b>800 boxes of 25 cassettes</b>
ACT 6	3E02047	12/25	51 boxes of 30 blisters
ACT 12	B1APH014	11/25	144 boxes of 30 blisters
ACT 18	B1APH017	11/25	43 boxes of 30 blisters
ACT 24	B1APH020	11/25	384 boxes of 30 blisters
Primaquine 7.5mg	T35804	09/26	500 boxes of 100 tablets

All supplies for Q2 2024 were supplied by AMS Kokopo from the NDoH supplies.

**Table 8:** Shows total number of Malaria Commodities distributed in Q2 2024.

Item	Total Distributed in Q2 2024
RDT	1,250 boxes of 25 cassettes
ACT 6	60 boxes of 30 blisters
ACT 12	129 boxes of 30 blisters
ACT 18	47 boxes of 30 blisters
ACT 24	184 boxes of 30 blisters
Primaquine 13.2mg	320 containers of 100 tablets

**Table 9:** Shows the current buffer stock of Malaria Commodities at the Provincial Medical Store after 2024 Q2 Distribution

<b>RDT</b>	<b>ACT 6</b>	<b>ACT 12</b>	<b>ACT 18</b>	<b>ACT 24</b>	<b>Primaquine</b>	<b>Antenatal Nets</b>
1,050 boxes of 35 cassettes	51 boxes of 30 blisters	148 boxes of 30 blisters	31 boxes of 30 blisters	373 boxes of 30 blisters	480 boxes of 100 tablets	6 bales (300 nets)



## **ANTENATAL NETS**

**Table 10:** Shows Q2 Antenatal net distribution list.

02.04.24	Tapo HC	Sr Arnolda	Patrick Vuravura	38094	50	1650	Q2 Distribution
02.04.24	Gelegele HC	P. Bradley	Patrick Vuravura	38095	50	1600	Q2 Distribution
02.04.24	Paparatava HC	Mariestella Pirpir	Patrick Vuravura	38096	50	1550	Q2 Distribution
04.04.24	Gaulim HC	Savanita Barat	Joelyn Salo	38097	50	1500	Q2 Distribution
04.04.24	Kerevat RH	Joanne Gaius	Joelyn Salo	38098	50	1450	Q2 Distribution
04.04.24	Napapar HC	Sr Ponahai	Joelyn Salo	38099	50	1400	Q2 Distribution
05.04.24	Livuan Day Clinic	Dianna Konga	Joelyn Salo	38100	50	1350	Q2 Distribution
05.04.24	Rabaul Urban Clinic	Kariah Mek	Joelyn Salo	50901	100	1250	Q2 Distribution
10.04.24	Palimal RH	Anasthsia Palal	Erica Nawara	25429	100	1150	Q2 Distribution
11.04.24	Uvoli HC	Emma Nauarea	Erica Nawara	25430	100	1050	Q2 Distribution
13.04.24	Sivauna HC	Victor Talmane	Erica Nawara	25431	50	1000	Q2 Distribution
14.04.24	Matong HC	Agatha Penias	Patrick Vuravura	25432	50	950	Q2 Distribution
14.04.24	Pomio HC	Gethrude Otto	Erica Nawara	25433	100	850	Q2 Distribution
15.04.24	Guma HC	Gabriel Farisman	Erica Nawara	25434	50	800	Q2 Distribution
16.04.24	Marunga HC	Flora Lonaneso	Erica Nawara	25435	50	750	Q2 Distribution
18.04.24	St Marys Hospital Vunapope	L. Paska	Erica Nawara	25436	300	450	Q2 Distribution
19.04.24	Molot HC	Samantha Kua	Erica Nawara	25437	50	400	Q2 Distribution
19.04.24	Rabaul Provincial Hospital (Nonga)	Marythrese Bapu	Erica Nawara	24538	100	300	Q2 Distribution
						<b>300</b>	

In Q2 2024 a total of **1,400** nets were distributed to Health facilities according to their current stock on Hand

## **ACCOUNTABILITY OF ANC NETS**

There were no major stock outs of ANC nets in the Province. Health facilities are reporting on time. There is also an improvement in the accountability of nets in most Health Facilities and only few health facilities need improvement. Otherwise ANC net distribution is an ongoing activity done in the Province.



## MALARIA REPORT

East New Britain Province

MALARIA REPORT January to March 2024

Date Printed: 26/04/2024 18:34:35

Code	Facility	No of reports	OUTPATIENT		INPATIENT		DEATHS		Slides Examined			RDT Examinations				
			Clinical	RDT	Clinical	RDT	Clinical	RDT	No. Exam	+ve %	+ve % falcip	No. Exam	+ve %	+ve % falcip	Failed	
180101	Kerevat HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
180102	Lassul Bay HC	3	0	1274	0	4	0	1	0	0	0	1793	77.6	62.9	0.2	
180103	Napapar SC	3	23	261	7	7	0	0	4	25.0	25.0	855	30.8	22.1	0.5	
180104	Open Bay SC	1	0	90	0	0	0	0	0	0	0	222	40.5	35.6	0	
180105	Paparatava SC	3	9	200	0	20	0	0	1	0	0	881	34.1	20.5	0	
180106	Raunsepna SC	3	20	71	0	0	0	0	0	0	0	238	39.9	26.1	1.3	
180107	Vunapaka HC	3	0	188	2	0	0	0	0	0	0	831	22.6	12.5	0	
180108	Gaulim SC	1	0	63	0	1	0	0	1	0	0	200	31.5	19.5	0	
180109	Tapipiji HC	3	0	28	1	0	0	0	0	0	0	190	14.7	8.4	0	
180110	Livuan SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>GAZELLE District</b>			20	52	2175	10	32	0	1	6	16.7	16.7	5210	46.4	34.5	0.2
180201	Butuwini SC	3	69	550	0	0	0	0	0	0	0	1985	24.5	15.7	0.2	
180202	Molot HC	3	0	311	0	0	0	0	0	0	0	627	50.1	43.9	0	
180204	Vatanabara SC	3	4	209	2	0	0	0	0	0	0	307	66.4	29.3	0	
180205	Vunapope HO	2	13	208	7	1	0	0	53	98.1	0	624	18.1	10.3	0	
180206	Tapo SC	3	9	299	0	1	0	0	0	0	0	1750	33.3	26.3	0.2	
180203	Gelagela SC	3	2	181	0	0	0	0	4	25.0	25.0	593	29.8	19.1	0	
<b>KOKOPO District</b>			17	97	1758	9	2	0	0	57	93.0	1.8	5886	31.9	22.3	0.1
180301	Aona SC	3	0	50	0	1	0	0	0	0	0	292	17.8	12.3	0	
180302	Guma SC	3	0	373	0	1	0	0	0	0	0	580	54.3	39.0	0	
180303	Marunga SC	3	0	904	1	15	0	0	0	0	0	1055	68.9	54.3	0.5	
180304	Matong SC	2	0	75	0	0	0	0	0	0	0	133	45.1	34.6	0	
180305	Muela SC	3	1	578	0	1	0	0	2	50.0	50.0	390	18.5	8.7	0	
180306	Mungou HC	3	0	86	0	3	0	0	91	24.2	17.6	337	53.1	40.1	0.3	
180307	Nutuve SC	3	8	315	0	1	0	0	0	0	0	718	44.2	31.3	0	
180308	Palimalmal HC	3	0	1256	0	17	0	1	0	0	0	1934	69.9	46.8	0	
180309	Pomio HC	3	15	460	3	3	0	0	0	0	0	765	67.3	40.8	0	
180310	Sivauna SC	3	1	632	4	9	2	0	0	0	0	542	84.7	68.1	0.9	
180311	Uvol SC	3	6	1104	1	17	1	0	1	100	100	1486	75.4	60.3	0.1	
180312	Warangoi HC	3	2	117	0	0	0	0	0	0	0	838	45.6	34.6	0	
180313	Viosopuna HC	3	2	18	0	0	0	0	0	0	0	63	27.0	19.0	0	
180314	Hoiya SC	3	0	679	0	29	0	0	0	0	0	1384	49.0	37.1	1.4	
<b>POMIO District</b>			41	35	6647	9	97	3	1	94	25.5	19.1	10517	59.4	43.5	0.3
180401	Nonga Base Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
180402	Rabaul UC	3	32	507	0	0	0	0	0	0	0	1262	30.9	25.5	0	
<b>RABAUL District</b>			3	32	507	0	0	0	0	0	0	1262	30.9	25.5	0	
<b>East New Britain Province</b>			81	216	11087	28	131	3	2	157	49.7	12.7	22875	47.8	35.0	0.2

- Timeliness of monthly report submission is still an ongoing issue in the province. 2 Health Facilities with ZERO reports for Q1 which is Rabaul Provincial Hospital and Kerevat Rural Hospital. 2 HFs with 1 report which is Open Bay HC and Gaulim HC and 2 HFs with 2 reports which is Matong HC and St Mary's Hospital, Vunapope. Otherwise all the HFs have submitted all their Q1 monthly reports.
- Most of the HFs are reporting **ZERO CLINICAL CASES** in Q1 of 2024 which is an improvement compared to the previous Years.
- Malaria Positivity Rate in most HFs is still above 50%, only few is below 50%.
- There are 2 confirmed RDT deaths reported in Q1 in Lassul Bay HC and Palimalmal Rural Hospital this are the 2 High Burden HFs in the Province. The 2 main reason for both deaths is late presentation due to geographical location and the beliefs of witch craft.



**Table 11:** Shows HFs who are using ENHIS tablet and are doing Daily Data entries and HFs who are using NHIS Hard Copy.

No.	ENHIS	Daily Data Entry
1	Kerevat HC	No
2	Lassul Bay	Yes
3	Napapar	Yes
4	Open Bay SC	Yes
5	Paparatava SC	Yes
6	Raunsepna SC	No ( They a starting now after the Q2 visit)
7	Vunapaka HC	Yes
8	Gaulim SC	Yes
9	Tapipi HC	Yes
10	Livuan	Yes
11	Butuwin	Yes
12	Molot	Yes
13	Vatanabara SC	Yes
14	Vunapope Hosp	Yes
15	Tapo HC	Yes
16	Gelegele	Yes
17	Aona	Yes
18	Guma	No (They are starting this month because they just received their reporting tablet)
19	Marunga	They have a faulty tablet so they are currently using NHIS hard copy for reporting.
20	Matong	Yes
21	Muela	Yes
22	Mungou	Yes
23	Nutuve	Yes
24	Palmalmal	Yes
25	Pomio	Yes
26	Sivauna SC	Yes
27	Uvol SC	Yes
28	Warangoi HC	Yes
29	Viosopuna HC	Yes
30	Hoiya SC	Yes
31	Rabaul Provincial Hosp.	No ( They are not reporting on a timely manner)
32	Rabaul UC	Yes

### **MALARIA TREATMENT PROTOCOL**

All health Facility visited in Q2 are following the Malaria Treatment protocol accordingly. The Information on the new updated Treatment Protocol on the ACT use in First Trimester of Pregnancy was also disseminated to the Health Facility Staffs during the visit.



**INTERMITTENT PREVENTATIVE TREATMENT IN PREGNANCY**  
**(IpTP)**

All health Facilities visited in Q2 are practicing the Intermittent Preventive Treatment for Pregnant mothers. Fansidar tablets are given according the updated treatment protocol.

Picture below shows the Antenatal Net register at St Mary's School of Nursing, where IpTP record are also recorded in the same book.

**PROGRAMME FOR THE DISTRIBUTION OF LONG LASTING INSECTICIDAL NETS TO PREGNANT WOMEN REGISTER BOOK**

PROVINCE: EAST NEW BRITAIN DISTRICT: KOKOP HEALTH FACILITY: VUNAPOPE ST. MARY'S HOSP. (ANC)

#	Date	Full Name of Beneficiary	Village/Settlement	Age	Name of Husband	Month of Pregnancy	Pregnancy Number
1	2024	DYANNE MALANG	POMIO / KATAT	22	PALANE KILANG	20/40	1
2	229	JOAN ANAS	KAPAY	24	ANAS TIOLAM	20/40	1
3	230	LYDIA MANDALA	IMANALAM	30	SARINS TIVILA	20/40	5
4	231	JOSEPHINE MELI	TAMU(2) BUTABEA	32	YANE MELI	19/40	1
5	232	NOVCE EREMAS	RALUANA	28	JOHN AGADY	20/40	1
6	233	LAINETH COLMENO	GARE GIFE	33	EDLREW KLEKPAH	20/40	4
7	234	BARIE DICK	VUNAPO	25	ELIZAH SAPE	20/40	2
8	235	FEDITHS KIPIN	BUTABEA (MALS)	26	MICHAEL URIAP	20/40	2
9	236	MILLINE HENRY	RANAPU RST.	30	PEDRO MANK	20/40	6
10	237	SUZIE MARY	ULAVED	30	ANNA KILA	20/40	5
11	238	KAVE MANU	ULAVED	32	ALAN	20/40	4
12	239	RACHAEL ALLAN	KARAPAP	32	LUAS URAVAI	20/40	4
13	240	ROSE LUAS	BANUANA	30	ELIAS LAVAVUR	20/40	4
14	241	KEITHY KEPEP	KARAVI (CENTRAL)	30	ARON ALEX	20/40	4
15	242	KAROL PETER	BELE BELE	24	ANTON A LOIS	20/40	1
16	243	MICHAELYN PATRICK	MELUNA	21	ALEX SAKIMTERY	20/40	5
17	244	MARIE ANTONETTE MANUA	VIE GOMP.	32	ALFRED TIKU	20/40	2
18	245	HENRIGIA EKAPETE	TAMU 1 - BUTABEA	32	WILLIAM NELSON	20/40	2
19	246	CHRISTINE FIDELIS	BAROVON	33	MARK TUNA	20/40	5
20	247	YUDITH MARTIN	TEKWAR (KARAT)	34	WILLIAM SOLVEIRA	20/40	2
21	248	MICHAELYN SECKRIE	PAL-NALAMR	29	MICHAEL KULUMU	20/40	4
22	249	ALICE JOHN	BELE BELE	26	ANTON TABIA	20/40	5
23	300	AUGUSTINA ANTON	BELE BELE	30	MATHIA WANNIATA	20/40	3
24	301	JOSEPHINE MATHAN	BUNANKA	30	FRANCIS TAKURA	20/40	4
25	302	DANUSILA ISRAEL	BUNANKA	36			4

**MALARIA MICROSCOPY FACILITIES IN THE PROVINCE**

Table 12: Shows Malaria Microscopy Facilities in East New Britain Province.

No	HF	Operational Status
1	Nonga Base Hospital	Currently operating with 1 working Microscope. They have reagents available which is provided by the Hospital. They are not using the issued Malaria Microscopy register book but they are using their own register book. They are reporting frequently into the ENHIS.
2	Vunapope Hospital	Currently Operating with also 1 working microscope. They have improved in their reporting compared to previous years.
3	Kerevat RH	Currently Operating with a functional Microscope. Their main challenge is that there is no reagents and Microscopy Slides. They are reporting very well into the ENHIs monthly report.
4	Butuwini Urban Clinic	Currently operating, however no Microscopy were done in the month of March and April due to stock outs on reagents.
5	Gelegele HC	They have a Laboratory Technician, working Microscope and Reagents are taken from Nonga Rabaul Provincial Hospital and they are also reporting into the ENHIS monthly report.
6	Warangoi HC	Not operating due to run down laboratory
7	Rabaul Urban Clinic	Not operating due to no reagents.
8	Pomio HC	Not operating due to no reagents
9	Palmalmal RH	Not operating due to no reagents



## **HOMEBASED MANAGEMENT OF MALARIA**

HMM Program in the Province is only in Pomio District and it covers only 6 Health Facilities in the district which is Warangoi RH, Mungou HC, Marunga HSC, Hoiya HSC, Guma HSC and Uvol HC. **For HMM Program in 2024 there won't be any more Trainings of New Community Malaria Volunteers (CMV) but the HMM Coordinator will concentrate only on the Refresher Trainings and Supervisory visits to the existing CMVs.**

**Table 10:** Shows CMV status in the Province

Total CMV Trained (2021-2023)	Total Inactive	Total Active
149	39	103



Pictures above shows Community Malaria Volunteers (CMVs) receiving their Certificates as well as their working materials (Gumboots, T-shirts, malaria flip charts, hand sanitizers, RDTs and ACTs). Picture 1 is at Maskikle Ward, picture 2 is at Bain Ward and picture 3 is at Lop Ward, this CMV had to use her canoe to paddle out to the team on the dingy because of no proper bay for the dingy to go in, all in East Pomio LLG Wide Bay. All these CMVs are under Guma HC catchment area, meaning all their reports will go to Guma HC and they will also receive their ACT and RDT supplies from Guma HC.



**Refresher Training for CMVs done at Hoiya HC for CMVs under Hoiya HC catchment Wide Bay, Pomio District**



## **MALARIA PROGRAM VEHICLE**



*Old Program Vehicle*

**Vehicle used:** RAM Program Vehicle RAQ 619

**Color:** White **Type:** Land Cruiser 10 Seater

**Registration validity:** 05.07.24

**Safety Sticker validity:** 25.07.24

**Duration of use:** 0

**Driver:** George Luga (Casual Driver)

**Contact:** 72181179

**RAQ 612 is out of Ela Motors and ready for shipment to POM**



*New Program Vehicle*

**Vehicle used:** RAM Program Vehicle RAW 379

**Color:** White **Type:** Land Cruiser 10 Seater

**Registration validity:** 25.10.24

**Safety Sticker validity:** 18.10.24



**Duration of use:** 14 days

**Driver:** George Luga (Casual Driver)

**Contact:** 72181179



Brand New Vehicle

**Vehicle** RAM Program Vehicle REX 588

**Color:** Rock Grey **Type:** Mazda BT50

**Registration validity:** 19.12.24

**Safety Sticker validity:** 19.06.24

**Duration of use:** 5days

**Driver:** George Luga (Casual Driver)

**Contact:** 72181179

**Transport used in Palmalmal, Pomio District.**



**Vehicle used:** EPI Vehicle

**Color:** White **Type:** Land Cruiser 10 Seater

**Registration validity:** 06.06.23

**Safety Sticker validity:** not shown



**Duration of use:** 5days

**Driver:** PMS Patrick Vuravura & HEO/OIC Wayne (Palmalmal Rural Hospital)

**Contact:** 71955814/72467161



*Dingy used in Palmalmal, Pomio District.*

**Dingy used:** Pomio District Health Dingy (60 hp/23 ft Boat)

**Duration of use:** 6days

**Dingy Operator:** Titus. Ngatkale

**Contact:** 70719899

### **MALARIA CQI TRAINING**

#### **Health Facility Staff CQI Training**

2 malaria CQI trainings done for 2 HFs in Pomio District which are Palmalmal RH and Uvol HC. For Palmalmal a total of 22 Participants attended the training, this includes all the CHW from the Aid post that are under Palmalmal Rural hospital catchment area. For Uvol a total of 5 Health Staff attended the Training.

Training Outline;

- Different Types of RDTs
- Data Collecting Tools
- ENHIS and NHIS reporting
- Importance of Recording and Reporting
- Malaria Treatment Protocol
- Stock Card Management
- Health Facility Malaria Data 2020-2024





*2 Pictures above shows Malaria CQI training done at Palmalmal Rural Hospital*



*2 Pictures above shows Malaria CQI Training done at Uvol Health Centre*

### **Malaria CQI Training at St Mary's School of Nursing**

Malaria CQI training was done successfully at St Mary's School of Nursing Vunapope in one of their classroom. A total of **100** students and teachers attended the training. The students consisted of first years, second years, third years and Midwifery students.

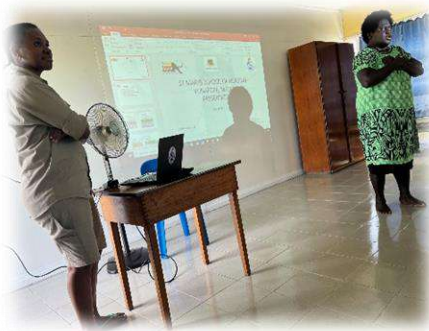
Below is the Training Outline:

- Different types of RDTs, their reading time and the number of buffer drops
- Updated Malaria Treatment Protocol
- Malaria reporting tools
- Importance of Recording and Reporting
- Malaria Programs in the Province (drug distribution and HMM)





*2 pictures above showing Nursing students at St Mary's School of Nursing during the Training.*



*2 pictures above were taken during the opening remarks by the School's Training Coordinator.*

### **MALARIA SCHOOL SURVEY**

Malaria School Surveys for East New Britain Province will be done in May 2024 which will be led by the Provincial Malaria Supervisor and the HMMO will assist where necessary.

### **ACHIEVEMENTS**

- Physically visited 28 Health Facilities in Q2
- Provincial Malaria Supervisor and HMMO started HF visit and drug distribution before the RMC arrival in the Province.
- Malaria CQI training done in Palmalmal Rural Hospital and Uvol HC
- Malaria CQI training done at St Mary's School of Nursing, Vunapope.
- Radio talk on Radio NBC East New Britain Commemorating World Malaria Day
- Team attended the Filariasis Survey Training conducted by WHO, JICA and IMR.

### **CHALLENGERS**

- 4 Inaccessible HFs not visited in Q2
- Other PHA programs using Malaria Program vehicle with the program's fuel without reimbursement, which affects the Malaria activities.
- Matong HC & Guma HC with stock outs of ACTs because they did not receive their Q1 supplies
- Global Fund will not supply Primaquine.
- Most HF staffs lack Information on the usage of the ENHIS tablet.



- A lot of flight cancellations at ENB Tokua Airport.

### **RECOMMENDATIONS**

- Continue Malaria CQI trainings for HFs in Pomio District
- Continue Malaria CQI Training for Rabaul Community Health Worker School.
- PHIO to take the lead in conducting a refresher Training on the usage of ENHIS tablet.
- Facilities not physically visited in the future, all their drug supplies should be left at the nearest place for pick up and not at the Provincial Store.
- Malaria School Surveys to be done in May

### **ACKNOWLEDGEMENT**

- East New Britain Provincial Health Authority
  - Chief Executive Officer Dr. Ako Yap
  - Director Public Health Mr. Norman Vakore
  - Director Curative Health Dr. Patrick Kiromat
  - Deputy Public Health Director Mr. Paschalis Kinakava
  - Provincial Disease Control Officer Mr. Joachim Kais
  - Provincial Pharmacist Mr. Leo Kume
  - Provincial Information Officer Ms. Clare Pidik
  - Partners Coordinator Ms. Ashwin Lau
  - Provincial Malaria Supervisor Mr. Patrick Vuravura
  - District Health Coordinator Pomio Ms. Imelda Kally
  - District Health Coordinator Kokopo Ms. Anastasia Deo
  - District Health Coordinator Gazelle Mr. Conrad Piyap
  - District Health Coordinator Rabaul Ms. Margaret Tavui
  - Driver Mr. George Luga
  - All OICs/SICs of all the Health Facilities in ENB
  - All Health Facility Staffs available during the Q2 Visit 2024
- Catholic Health Services
- United Church Health Services
- SDA Health Services
- AMS Kokopo Acting Manager Mr. Robert
- Home Base Malaria Management Officer Miss. Joelyn Salo Rotarians Against Malaria
- Rotarians Against Malaria
- Global Fund



## **PHOTOGRAPHS**



*Wrapping and consigning drugs for all the Health Facilities in Pomio District. Picture 1 at Butuwini Provincial Store, Picture 2 cargoes ready to be loaded on RAMS shipping bound for Palmalmal & Picture 3 at Palmalmal wharf waiting for vehicle to pick up the cargoes.*



*Picture 1 loading drugs and nets on 2 vehicles (EPI & Palmalmal RH Ambulance) at Palmalmal wharf, Picture 2 loading drugs for Uvol HC distribution & Picture 3, PMS & Dingy Operator assistant with the help of the Villages at Bain Ward East Pomio LLG pushing the dingy back to the sea after HMM supervisory visit.*



*Provincial Malaria Supervisor in action during the Health Facility Supervisory Visit in Q2*





Picture 1 on the highway from Baining to Wide bay and Open Bay our vehicle got stuck because of bad road condition, picture 2 is at Klampun Ward, East Pomio LLG, Villagers assisted the team with loading the dingy with drugs and mosquito nets for Guma, Hoiya and Marunga HC distribution & Picture 3 at Kokopo ready to take off to Duke of York Islands for Molot and Vatnabara HF Visit.



Picture 1 on our way back to Palmalmal from Uvol HC and the team assisted a patient with the right lower limb compound fracture to Palmalmal Rural Hospital for further management. Picture 2 Nurse Flora at Marunga HC signing off GDNs and checklist after work at 8pm in the night, Picture 3, two Nurses at Aona HSC at their well-organized dispensary.



Picture 1 went through on how to do malaria data entry using the ENHIS table, Picture 2 HMMO went through the different types of RDTs, Picture 3 HMMO, PMS and 2 CHW at Raunsepna HSC, Gazelle District.





*Team attended the SOP for IDA Impact Survey for Filariasis conducted by IMR, WHO & JICA at Burnet Institute Conference Room.*