

Child Health and Paediatrics. Past, Present and Future

John Vince



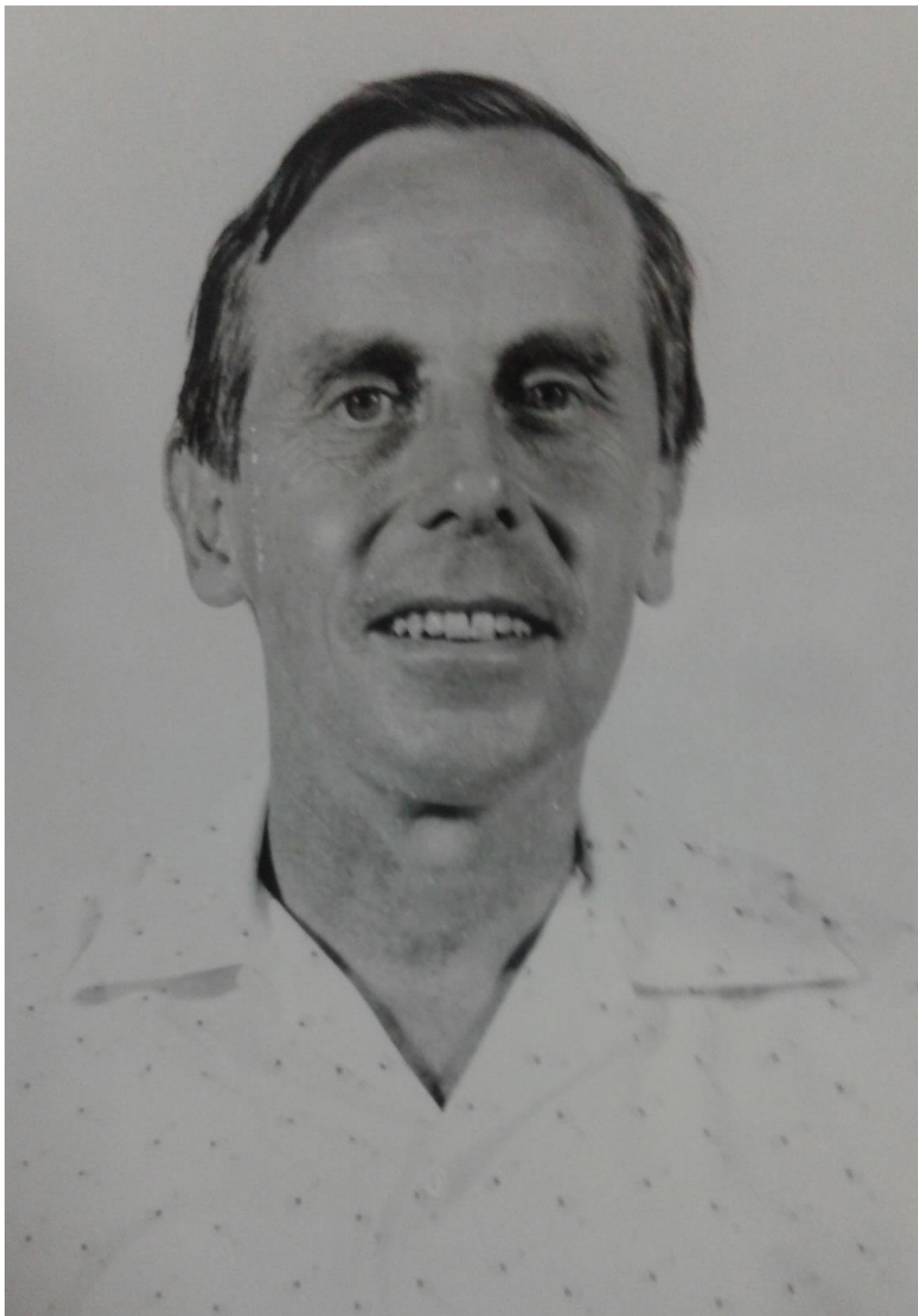






- Training is teaching, or developing in oneself and/or others, any skills and knowledge or fitness that relate to specific useful competencies (Wikipedia)

- ‘



Prof. Robert Arthur John Biddulph

- First Professor for child health PNG**
 - Born 1935 in England, moved to Australia**
 - 1954 came to PNG as 3rd year medical student at Sydney University**
 - 1961 employed by NDoH & posted to Angau MH, Lae**
 - 1962 Recruited to teach at the newly established Papuan Medical College**
- Appointed as first Professor of Child Health at UPNG**

1991 Retired to Australia after 30 years of outstanding service and contribution to child health services of PNG

1993 Developed Acute Leukaemia

1998 Died in Brisbane

Entrance to TB Ward



Malnutrition Ward



Acute Ward



Wards











7. 2001





COLLEAGUES WHO HAVE PASSED ON

- **Laupu Bussim**
- **Joel Kia**
- **Jeff Tuvi**
- **Alphonse Rongap**
- **Joe Kumbu**
- **Job Hawap**
- **Wendy Pameh**
- **Madeleine Kaupa**
- **Guapo Kiagi**
- **Naomi Pomat**
- **Peter Asuo.**
- **Louis Samiak.**







Or Retired

- **Ben Tahija**
- **Langas Garap**
- **Theresa Rongap**
- **Ilomo Hwaiwhange**
- **Hilda Polume**
- **David Mokela**
- **Angai Dama**

Or Retired







DRUG DOSES

Frank Shann

Intensive Care Unit
Royal Children's Hospital
Parkville, Victoria 3052, Australia

Sixteenth Edition
2014

Do not use this edition after Dec 2017

DK. M. 111. 2

PAEDIATRICS
FOR
DOCTORS
IN
PAPUA NEW GUINEA

DR NIK POMAT

FRANK SHANN
AND
JOHN BIDDULPH





- **Keith Edwards**
 - Buk blong halpim APOs lukautim Pikinini igat sik
 - The Original 10 step check List. (Taken up by WHO)
 - The toilet paper spear for discharging ears.



**Paediatric Society of Papua
New Guinea 1974 - 2014
Celebrating 4 decades in
service**

Dr.M.Kiromat & Prof.J.Vince

Publications

- **Standard Treatment Books now 11th edition (Almost there!!)**
- **Paediatrics for HEOs and Nurses**
- **Paediatrics for Doctors in Papua New Guinea.**
- **Buk blong halpim APOs lukautim Pikinini igat sik**

The standard Treatment Book

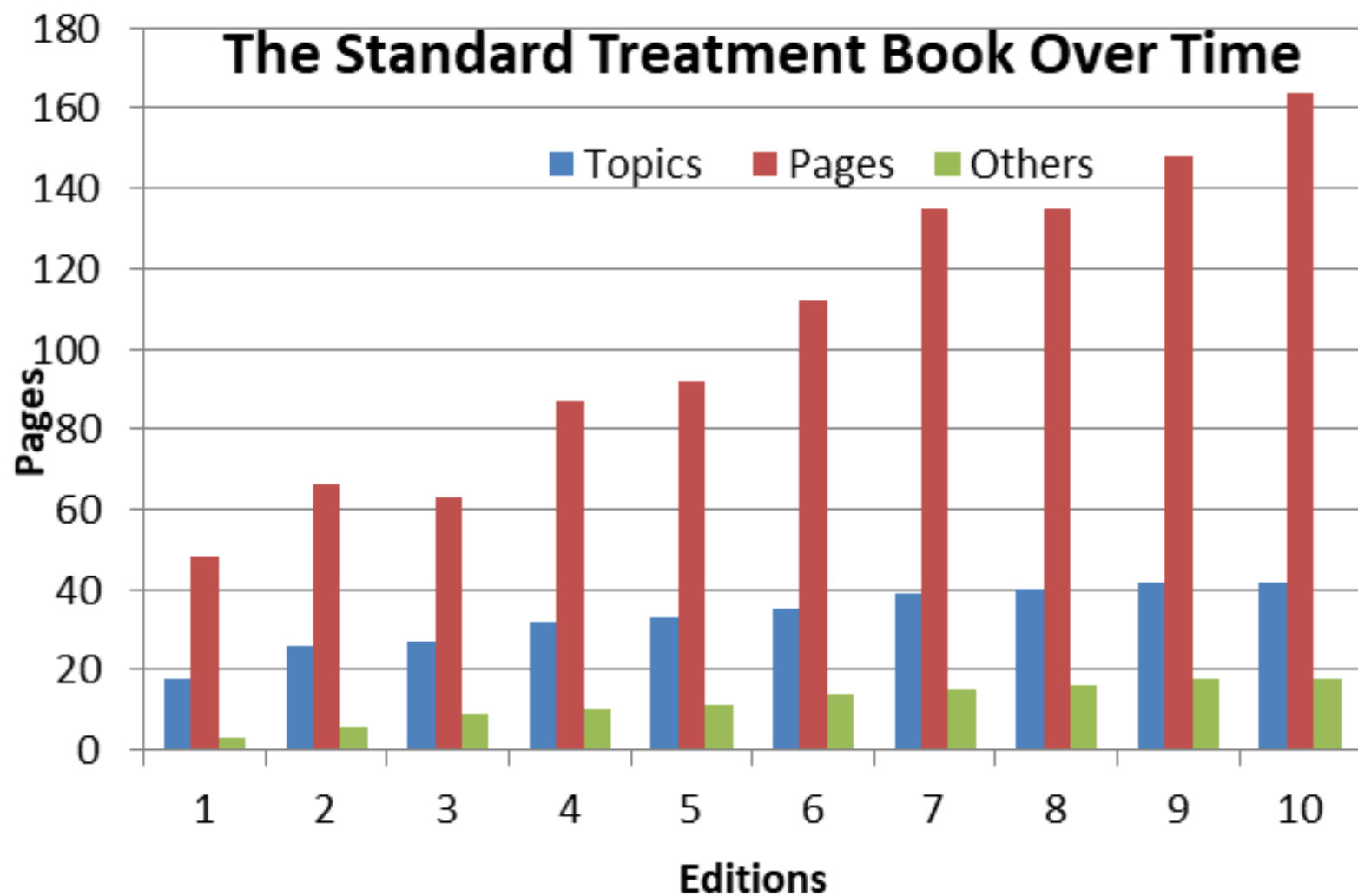
First edition 1975

- **50 pages**
- **19 topics**
- **Large print**

10th edition 2016

- **164 pages**
- **42 topics**
- **Some topics Subdivided (eg Malnutrition , TB.)**
- **Evidence Based**
 - **16 updates**
- **More complex**
- **Smaller print**
- **Do our Health workers use it???**

The Standard Treatment Book Over Time



**Child Health for Nurses
and Health Extension
Officers in Papua New
Guinea Eighth Edition
2022**

CHILD HEALTH

FOR HEALTH EXTENSION OFFICERS AND NURSES IN
PAPUA NEW GUINEA

Seventh
Edition
1999



by

JOHN BIDDULPH

Emeritus Professor of Child Health, University of Papua New Guinea
and formerly Senior Specialist Medical Officer (Paediatrics),
Department of Health, Papua New Guinea

and

JOHN STACE

Formerly Specialist Medical Officer (Paediatrics),
Department of Health, Papua New Guinea

and

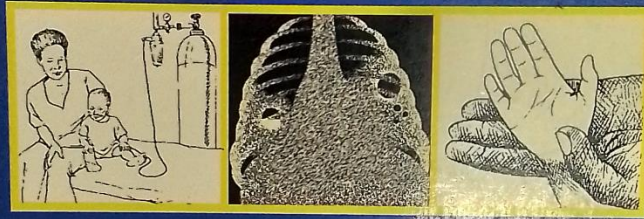
BOB DANAYA

Senior Specialist Medical Officer (Paediatrics),
Department of Health, Papua New Guinea

2013 EDITION

POCKET BOOK
OF

Hospital care for children



GUIDELINES FOR THE MANAGEMENT OF
COMMON CHILDHOOD ILLNESSES

Second edition

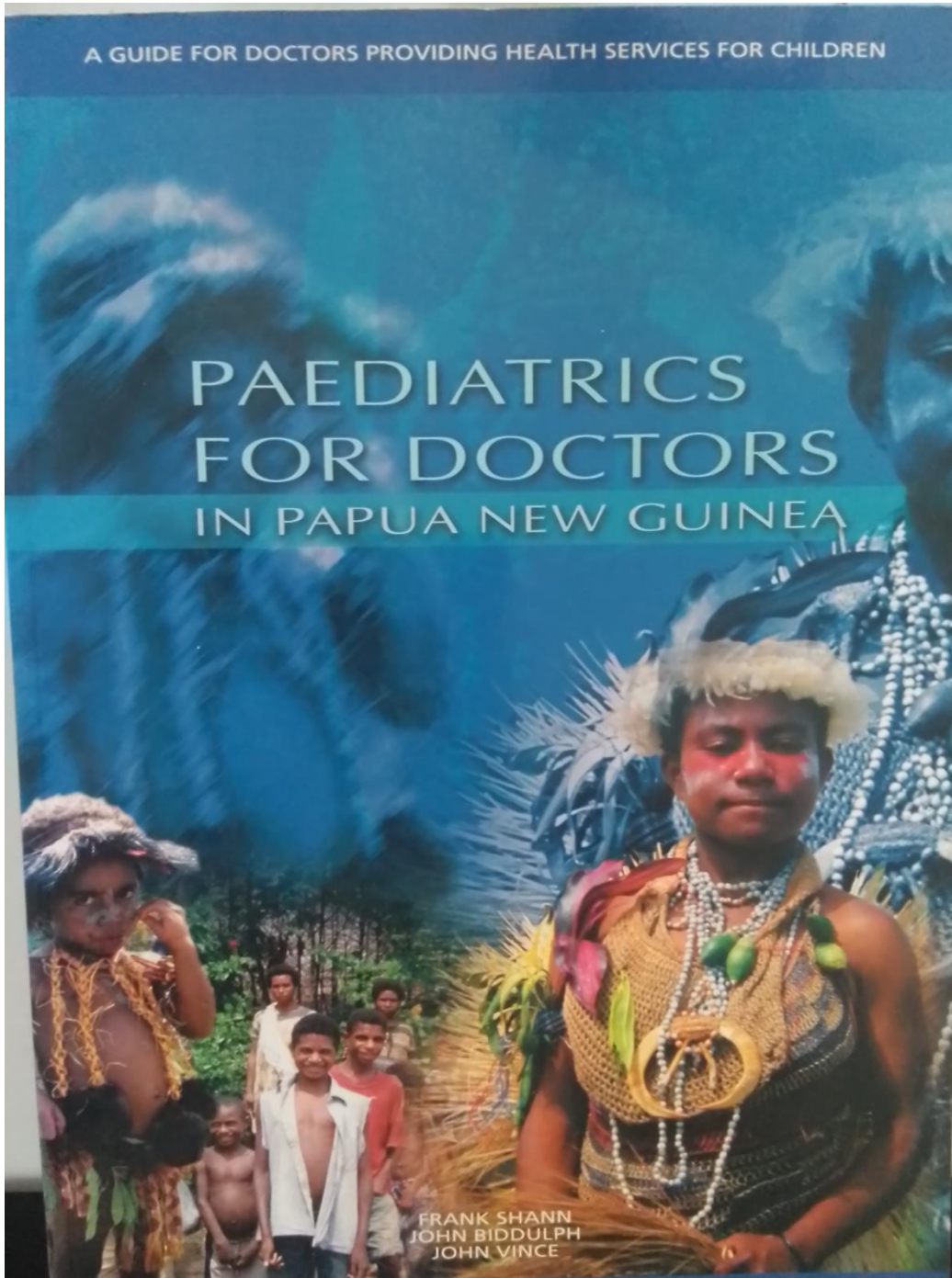


World Health
Organization

A GUIDE FOR DOCTORS PROVIDING HEALTH SERVICES FOR CHILDREN

PAEDIATRICS FOR DOCTORS IN PAPUA NEW GUINEA

FRANK SHANN
JOHN BIDDULPH
JOHN VINCE



Achievements

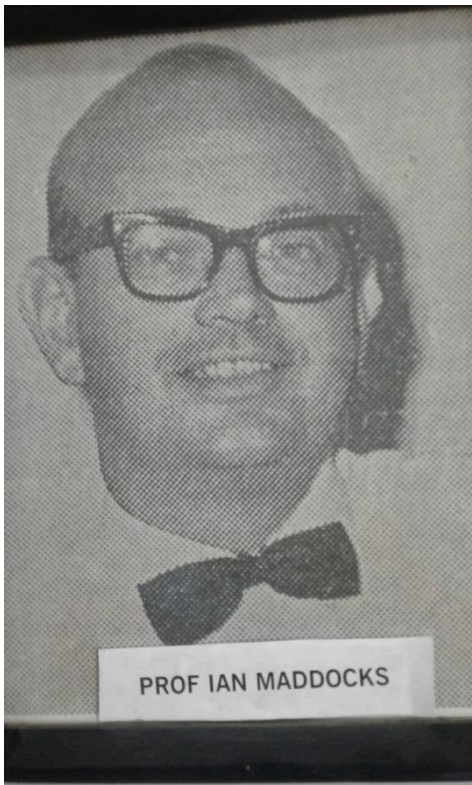
- **Infant feeding Control Act (1978 amended 1984)**
- **The 10 (and 8) step check lists.**
- **Feeding Survey and recommendations.**
- **Child Health Advisory Committee.**
- **Child Health Policy and Plan and Strategic Management Plan**
- **PHR System**
- **Vitamin A supplementation 2002**

Achievements

- **HiB Vaccination**
- **Pentavalent Vaccine**
- **Pneumococcal Vaccine**
- **IPV vaccine (now two doses)**
- **Measles Rubella vaccine – less rigid schedule**
- **Nutrition Policy**
- **Early Essential Neonatal Care.**
- **Hospital Care for Children**
- **Higher Postgraduate Diplomas in Paediatric Cardiology and Paediatric Oncology.**

Postgraduate training in Child Health History

- **Aware of the likelihood of a brain drain - the best way to train specialists and to retain them in Papua New Guinea was to introduce postgraduate training programmes. (Prof Ian Maddocks)**



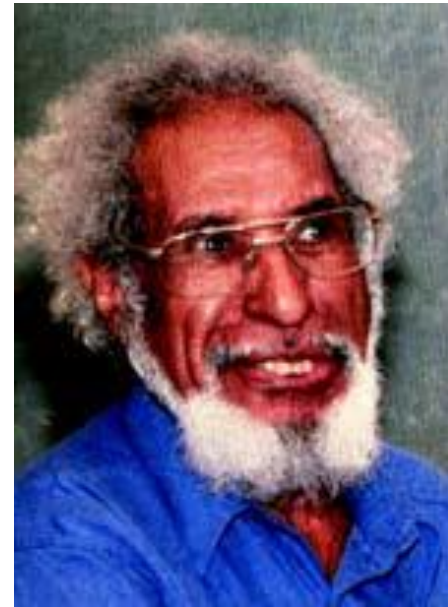
PROF IAN MADDOCKS



John Biddulph



Ken Clezy



Adolph Saweri

Postgraduate programmes

- **DGO and DCH first graduates 1976**
- **DO, DA, DORL established over next 15 years**
- **DEM DipClinDent more recently**
- **MMed First graduates in Surgery and Child Health in 1979**
- **MMed in Internal Medicine, Ophthalmology, Obstetrics/Gynaecology, Pathology, Dermatology, and MDS by 1990**
- **MMed in other Clinical Disciplines**
- **Anaesthesiology**
- **Medical Imaging**
- **Psychiatry**
- **MMed Rural Health in 2010**
- **MMed Clinical Oncology**

Overall output from Child health Postgraduate programme (to Graduation 2023)

	Male	Female	Total	Pacific islands	PNG
DCH	84	70	154	27*	127
MMed	56	43	99	14	85

*1 Australian, 1 Indian , 1 Thai.

Current Situation PNG Graduates

	No
Died	12
Retired	7
Current public clinical practice	40
Current public administration	12
Academic	3
Private practice	5
Overseas employment	3
Overseas studies	2
Other	1

Current Situation Pacific Islands

	No
Died	2
Retired	0
Current public clinical practice	7
Current public administration	2
Academic	0
Private practice	0
Overseas employment	2
Overseas studies	0
Other	1

Paediatricians in PNG Hospitals.

• Alotau	1	• Manus	0
• Angau	2	• Mt Hagen	2
• Buka.	2	• Mendi	1
• Central	0	• NCD	5
• Dauru	1	• Popondetta	0
• Goroka	2	• Port Moresby	9
• Kavieng	1	• Rabaul	2
• Kimbe	2	• Tari	2
• Kerema	1	• Vanimo	1
• Kundiawa	2	• Wabag	0
• Madang	2	• Wewak	2

Future Developments in Paediatrics and Child Health

- **HPGDip in Neonatology**
- **HPGDip in Paediatric Intensive care?**
- **Introduction of HPV vaccine**
- **Development of a career pathway in Paediatrics and Child Health for HEOs**
- **Reestablishment / Reenergising of the CHAC**
- **More advocacy for Child Health in the media**
 - **Focusing not only on stunting and wasting but on the prevention of Obesity and Syndrome X**

Future Developments in Paediatrics and Child Health

- **Prevention is Better than Cure**
- **Strengthening of Community Child Health**
 - **Establishing Community Child Health positions in the major centres and provinces.**
 - **Supporting District Hospitals and Health Centres.**
 - **Encourage further training in epidemiology/
Public Health. ?MPH**

Some Cautions and Comments

- Port Moresby OR “the Bush”? **NO**
- Port Moresby AND “the Bush” **YES**
- Adequately staffed, funded and supported district hospitals are key to improving Child Health statistics
- Decide what we CAN do and do it well.
- Set Realistic Goals
- Take Pride in Achieving the Goals
- Take advantage of the opportunities for learning through IT and Modern Communication channels



OBESITY

REASONS



no activity



endocrine diseases



hereditary predisposition



unhealthy food

Coca-Cola

TASTE THE FEELING®

THE COCA-COLA PROMOTION IS BACK!

MEGA PRIZE K 250,000

SPRINT
Fanta

Coca-Cola

alamy

Image by iStockphoto.com/John Young/Alamy

STAY **connected**

GET A CHANCE TO **WIN** Digicel

CELL Moni

TOTAL VALUE OVER 1 MILLION KINA





Medical personnel are taking no chances, with all staff at the Port Moresby General Hospital's emergency department going about their tasks in full protective gear, attending to patients. PICTURE BY REBECCA KUKU.

Patients overwhelm capacity at PomGen's isolation, emergency facilities

By REBECCA KUKU

Hospital under siege

MEN - old and young - lie in the 14 beds of Port Moresby General Hospital's emergency department as nurses and doctors attend to them - most have oxygen masks on.
 Nurses, doctors in blue personal protection gowns go back and forth, adjusting the oxygen for them.
 You can literally see the exhaustion on their faces; they are tired, but they work on.

- CONTINUE ON PAGE 3

GRAB YOUR **FREE** **Twist'ries**

#LIFEEMHAMAMASWANTAIMTWISTRIES

HAVE **FANTA** HAVE **FUN**

#FUNTIMEPNG

MARCH - APRIL

CCA COCA-COLA AMTIL

GRAB YOUR **FREE** **Twist'ries**

#LIFEEMHAMAMASWANTAIMTWISTRIES

HAVE **FANTA** HAVE **FUN**

#FUNTIMEPNG

MARCH - APRIL

CCA COCA-COLA AMTIL

Postgraduate Training the Final Product.

- Knowledge
- Clinical Skills
- Experience
- Professionalism
- Special “Paediatric” Characteristics
 - Enjoy working with Children and Families
 - Patience
 - Empathy and understanding
 - Appreciate the importance of the Paediatric Team
 - Understand the importance of Community Child Health
- Be a role model for students

Strengths of Child Health Postgraduate programme

- **Quality of candidates**
- **Quality of Paediatricians at provincial hospitals**
- **Quality of Paediatricians at PMGH**
- **Overseas attachments**
- **Links with overseas colleagues.**
- **External examiners (Quality Control)**
- **Supervision of research projects**
 - **>35 research projects published in last 10 years.**

THANKYOU FOR LISTENING

And

Thankyou for your Friendship and Support and for making the last 46 years in Papua New Guinea so Enjoyable and Rewarding