

# **NSOAP Conference**

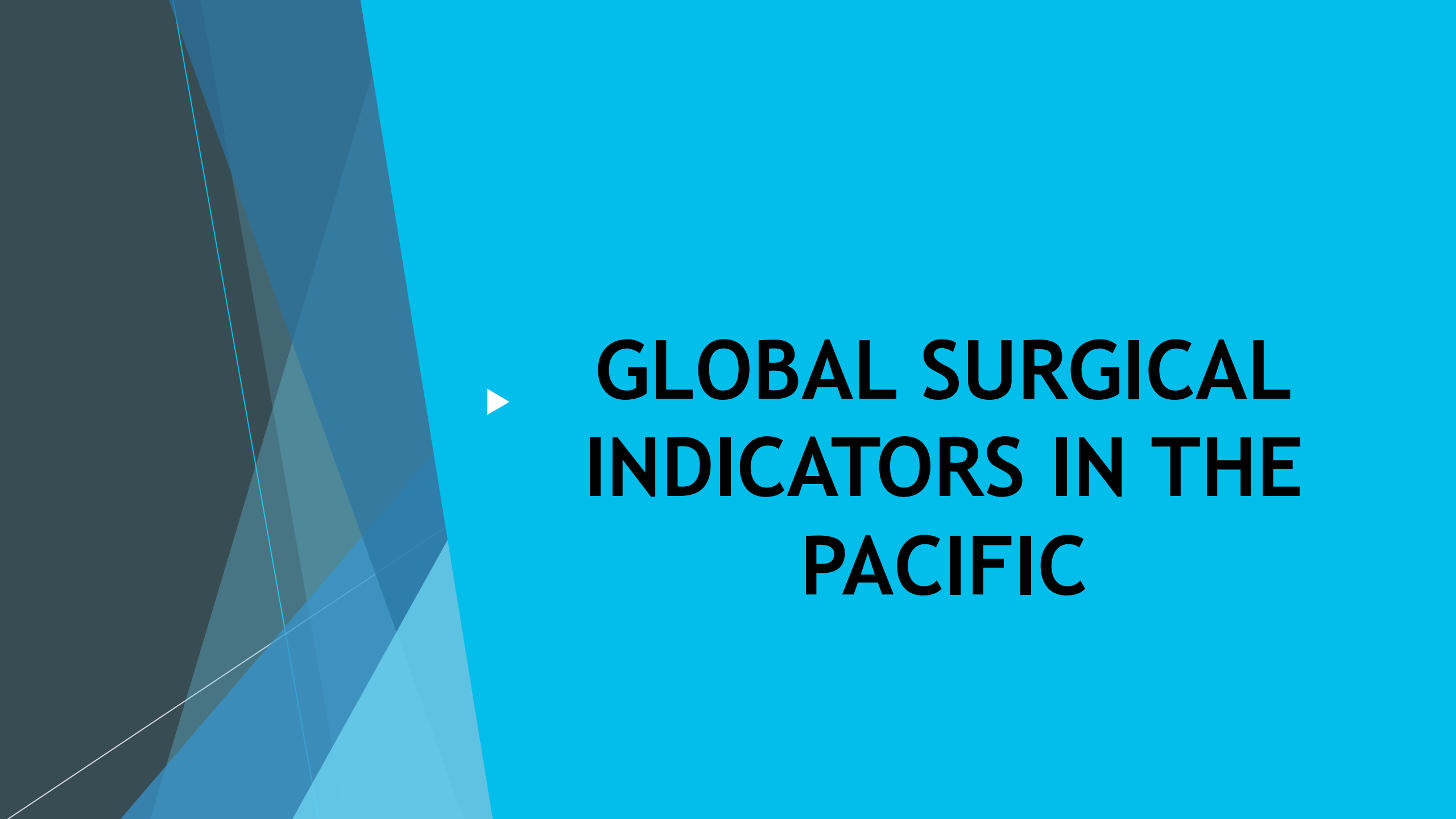
- ▶ **20-21 March 2019**  
**Dubai**

# **GLOBAL SURGICAL INDICATOR TRACKING**



**Progress, Challenges,  
Opportunities.**

**Viliani Tangi (Lord Tangi)**



**▶ GLOBAL SURGICAL  
INDICATORS IN THE  
PACIFIC**

# THE PACIFIC



# History

- ▶ Sept 2012 : Surgical Symposium.....RACS, Melbourne.
- ▶ March 2013 : POMR Workshop.....RACS, Melbourne.
- ▶ April 2013 : Pacific Head of Health endorsed Pacific to work on POMR.....SSCSiPs, Denarau.
- ▶ ASC, May 2013, Auckland.
- ▶ May 2014 : POMR Publication, World J Surg, D Watters et others.
- ▶ April 2015 - Lancet Commission Report “GLOBAL SURGERY 2030”
- ▶ May 2015 - WHA Resolution 68.15
- ▶ 2016-2018 : More Reports and Publications on Global Surgery and Indicators.

# Leaders

- ▶ RACS - Prof. David Watters ; Glenn Guest ; Annette Holian ; Kiki Maoate ; John Patten and 3 immediate past Presidents of RACS and others.
- ▶ Lancet Commission on Global Surgery - Prof John Meara and others.
- ▶ WHO - Prof Walter Johnson
- ▶ SSCSIP / SPC
- ▶ PISA

# POMR.....Initial Global Indicator to deal with.....2013

- ▶ Endorsed by Heads of Health
- ▶ Individually Driven
- ▶ No Standard Mechanism
- ▶ IT

# POMR

- ▶ Relatively Easy
- ▶ Led by Head of Information.....IT
- ▶ Visited 3 other countries on POMR Training



# Tonga POMR

- ▶ POMR :  $15/3220 \times 100 = 0.466\%$  (2012)
- ▶ POMR :  $6/4811 \times 100 = 0.124\%$  (2013)
- ▶ POMR :  $6/5061 \times 100 = 0.118\%$  (2014)
- ▶ POMR :  $5/3467 \times 100 = 0.144\%$  (2015)
- ▶ POMR :  $6/3104 \times 100 = 0.193\%$  (2016)

# BMJ Global Health 2017....

Collecting data for global surgical indicators : a collaborative approach in the Pacific Region. Glenn Douglas Guest et others.

- ▶ 14 Countries
- ▶ Support from RACS and PISA
- ▶ 13 countries collected first 4 Global Indicators
- ▶ Challenging exercise but quite possible
- ▶ Baseline data
- ▶ Regional Collaboration work possible

# Challenges

- ▶ Differences in countries' profiles
- ▶ Transportation problems within and between countries
- ▶ Health Information System and Computerisation
- ▶ Understanding of the whole concept of these Surgical Indicators
- ▶ Sustainability of Data Collection
- ▶ Workforce free migration

# Opportunity

- ▶ “GLOBAL”.....WHO AGENDA
- ▶ Still a child. Only 6 years in the Pacific.
- ▶ Political & Health Leaders WELL INFORMED.
- ▶ NSOAP
- ▶ Ownership of those plans.

# Mortalities Summarised - Surgical Ward, Vaiola Hospital 2017

## All cause post-operative mortalities

- ❖ 7 mortality cases
  - ▶ 3 Laparotomies
  - ▶ 2 DFS
  - ▶ 1 Sepsis
  - ▶ 1 Neurological

## All in-hospital mortalities

- ▶ 45 mortalities in total
- ▶ 38 had no operations
- ▶ 7 had operations
- ▶ Total admissions of 2291

# Issues

- ▶ Surgical patients dying before/without surgery.
- ▶ Not addressed by POMR.
- ▶ Universal Access, Safe, Affordable and Timely Surgical and Anaesthetic Care when Needed.



▶ **Thank you**