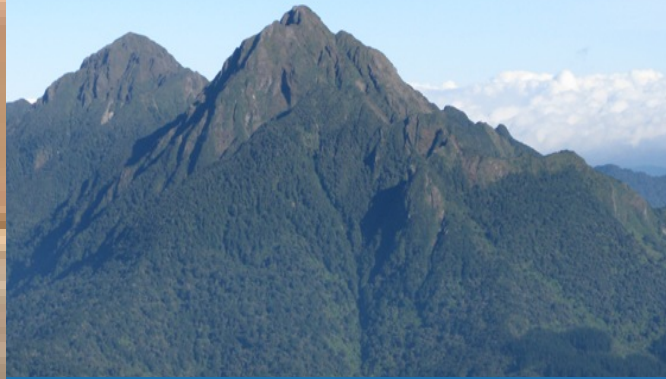


**Kaupapa Māori ED Service  
Māori ASH Pilot**

**NZ Emergency Department Conference  
2019**

**Theresa Ngamoki NP  
Maori Health Gains & Development  
BOPDHB**

# Ko wai au?

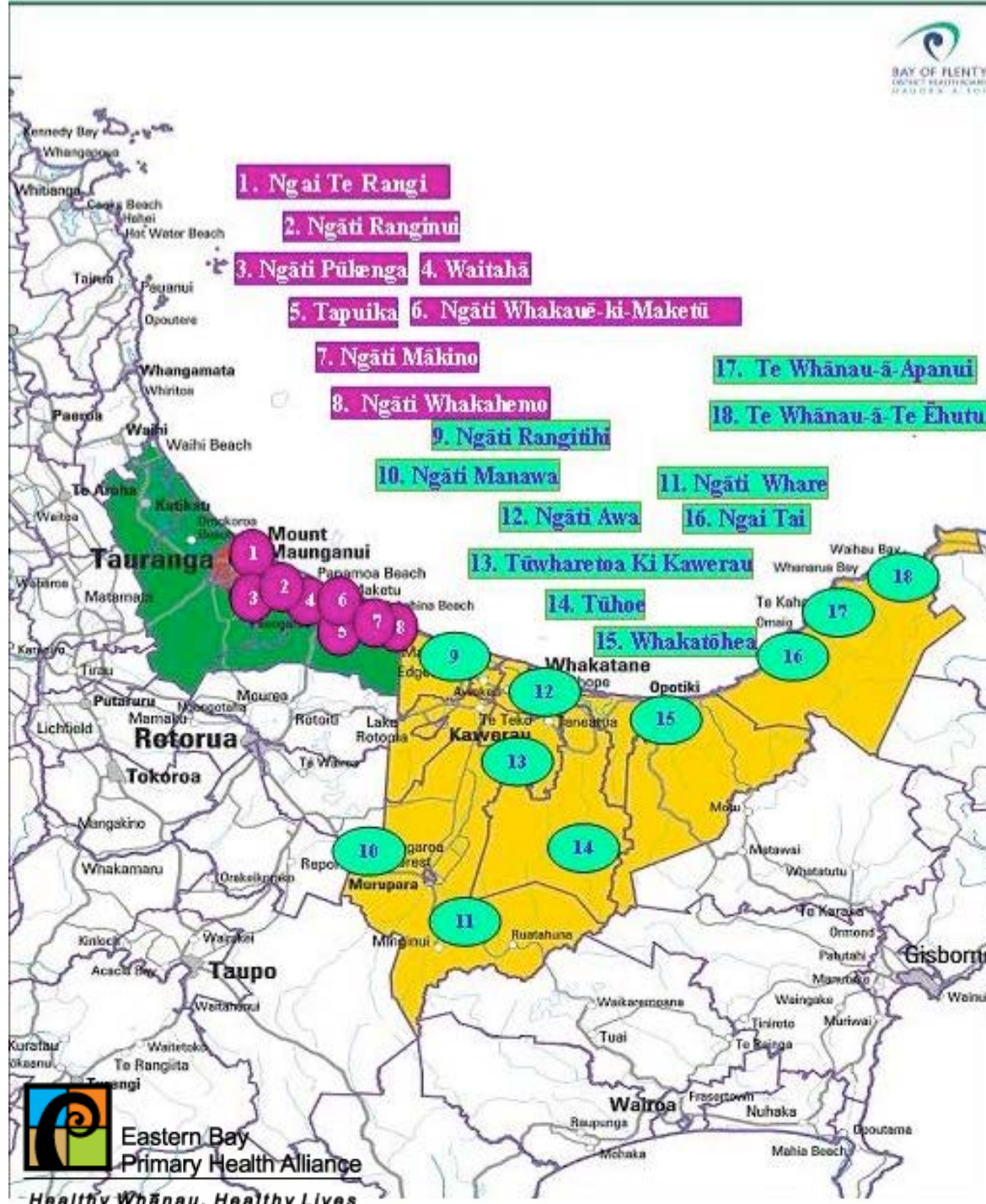


# Objectives

- ▣ Te Moana a Toi
- ▣ Whakatane ED & EBOP rohe
- ▣ Kaupapa Māori project & phases
- ▣ Te Ao Māori view
- ▣ Effectiveness of project
- ▣ Recommendations



# Te Moana a Toi



## Eastern Bay of Plenty Tribes:

**Ngāti Awa** (Whakatāne, Rangitaiki, Tarawera, Matata)

**Tūhoe** (Waimana, Ruātoki, Rūatāhuna, Te Patuheuheu and Ngāti Haka)

**Waiohau**

**Ngai Tai** ki Torerenui

**Whakatohea**

**Te Whānau-a-Apanui**

**Ngāti Whare**

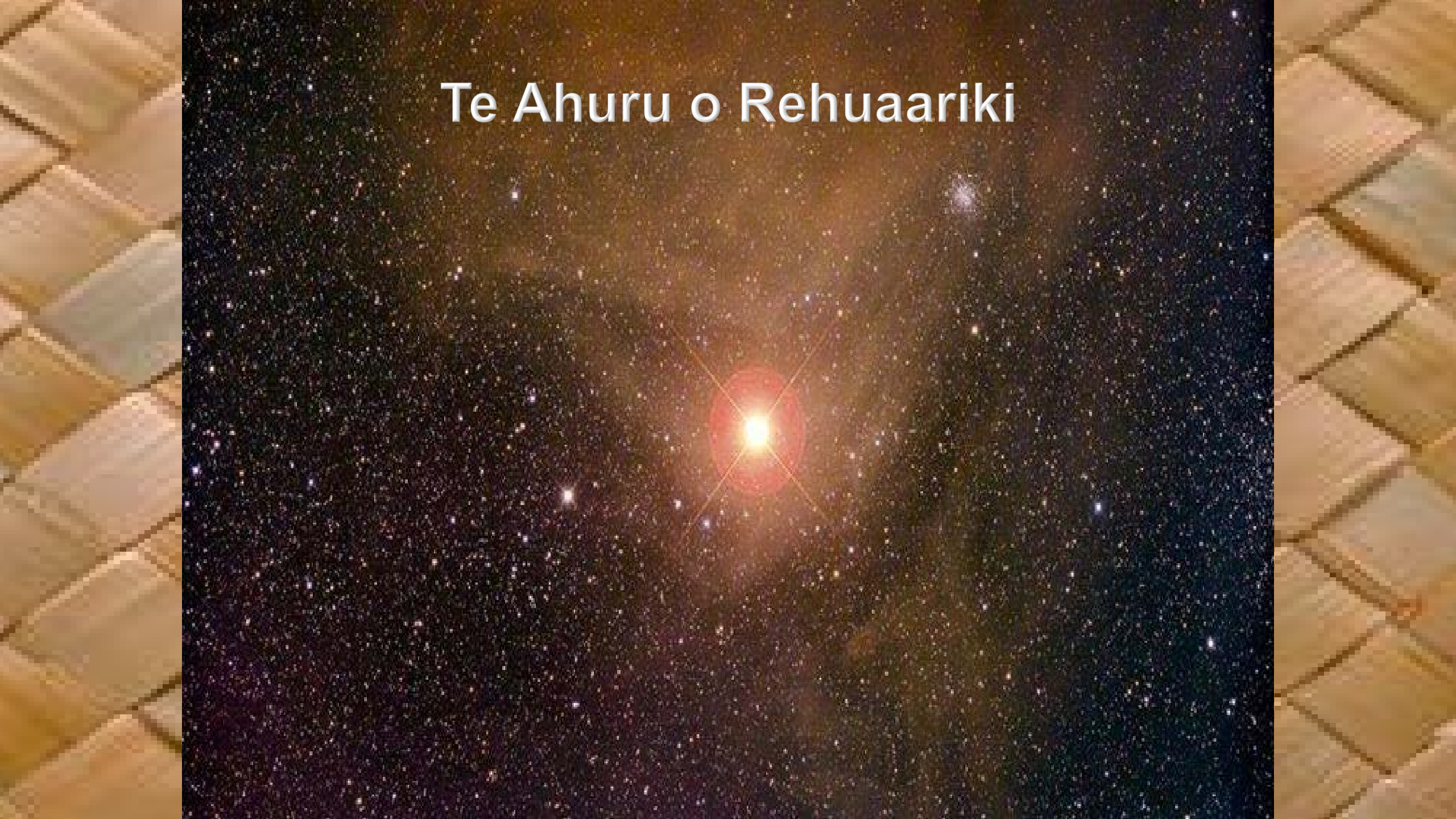
**Ngāti Manawa**

**Tuwharetoa** ki Kawerau

**Ngāti Rangitīhi**

**(Tarawera Matata)**

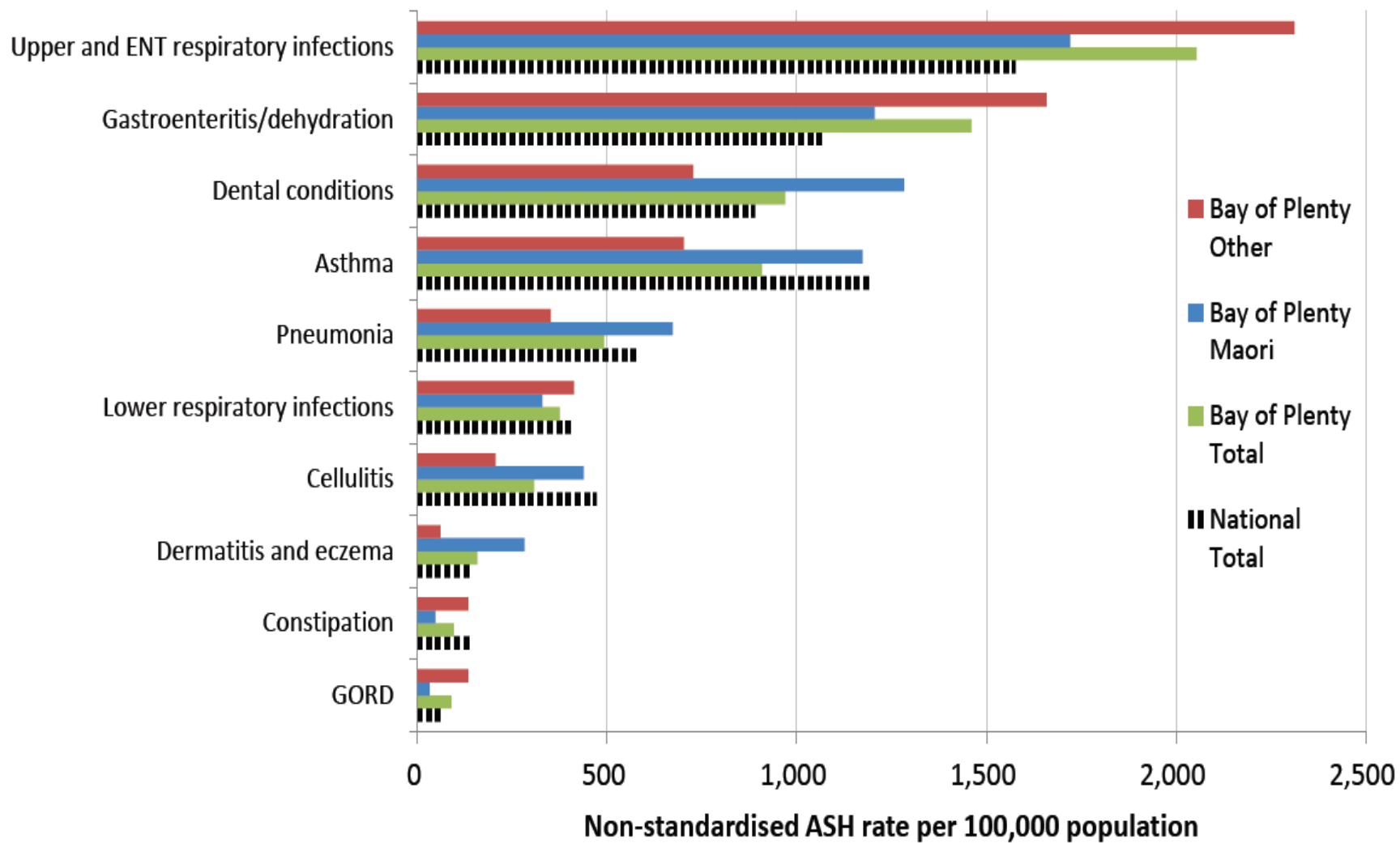
# Te Ahuru o Rehuaariki



# Whakatane ED

- ▣ 18 Bed unit
- ▣ Since 2013 32% increase in presentations
- ▣ 9.8% increase in population
- ▣ Only after hours provider in Whakatane

## Top 10 conditions, non-standardised ASH rate, Bay of Plenty DHB, all conditions, 12 months to end December 2017





# Project Phase 2017 Contemplate

- Phase 1- Winter 2017 Kaupapa Māori ED Service (KMEDS)
- Adult Asthma COPD Respiratory
- ?GP engagement
- Frequent Attenders
- Clinically Stable & Consent to Pilot
- Room for improvement



# Project Phase 2018

## Collaborate

- Phase 2- Primary Care & Māori Health  
Provider Focus
- ED + KMEDS + Allied Health + Pharmacy =  
ALPHA
- Paeds Cohort
- Community Mental Health
- Inpatient vs Treated & Discharged
- Outpatient

## ALPHA TEAM in ED (Case Finding)

WHO



ED Staff



Physio



OT



Social Worker



Pharmacy



Kaupapa Maori  
NP



Podiatry



Specialty Nurse  
Family Health team

WHEN



0830 Intro

1100 huddle

1400 huddle

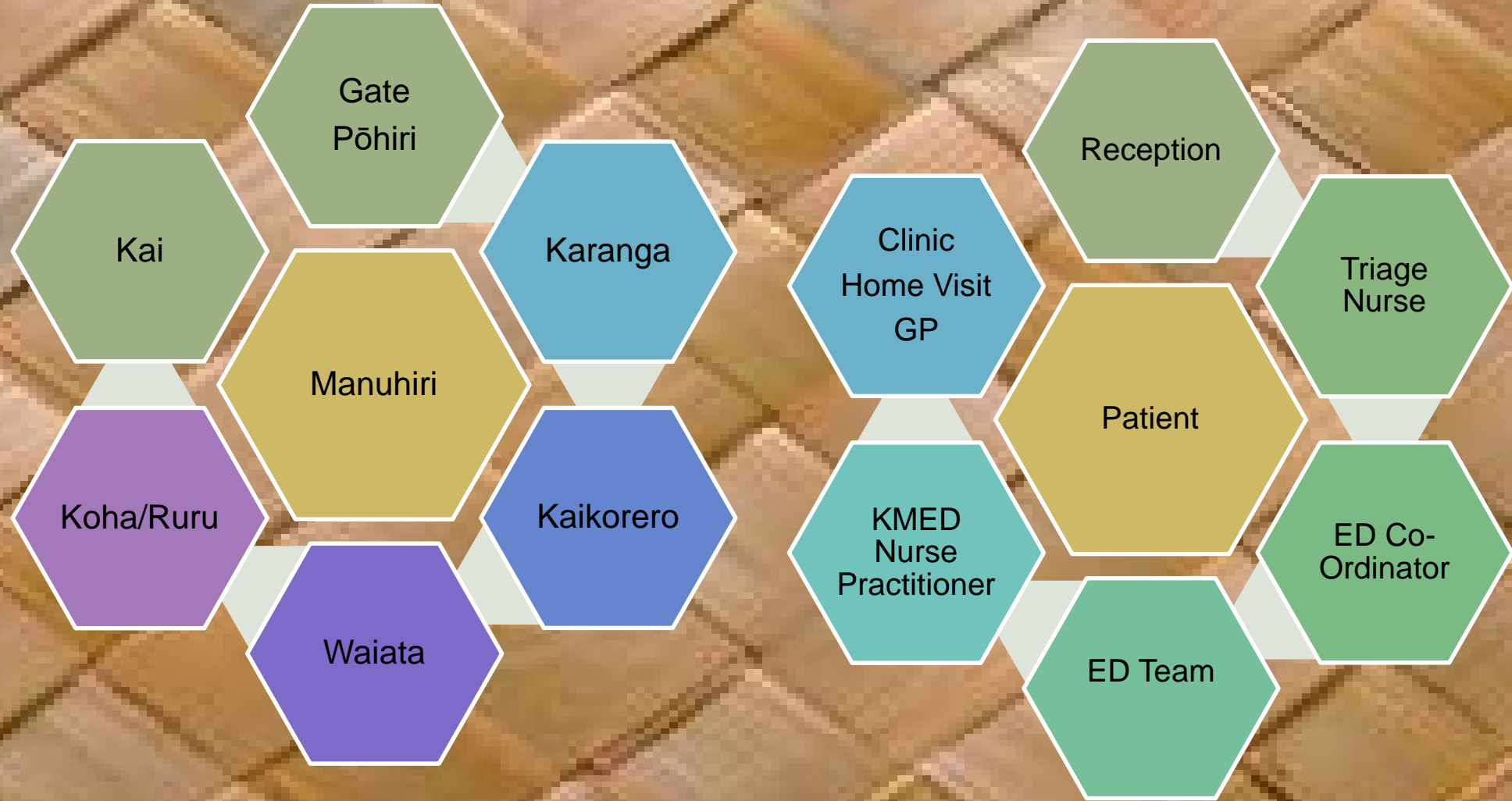
Request assistance via Whats App message

# Project Phase 2019

## Consolidate

- ▣ Phase 3 - Holding the Line
- ▣ ED & ALPHA
- ▣ ↑ Referral pathways in & out
- ▣ Multi Agency relationships
- ▣ NP workforce
- ▣ Te Toi Ahorangi Māori Health Strategy
- ▣ ↑ Understanding of Te Ao Māori

# Pōhiri Process





# Information

↑ 200 referrals  
ED 130

↑ 75% reside in Domicile  
Deprivation Index 9 & 10

## Patient Tūroro

Average 5 encounters  
14 interventions ie. GP,  
DNS, WINZ, NGOs, Iwi  
providers, specialists,  
pharmacies, MH service.

95% Māori  
55% Male 40-64 years  
old  
25% Mental Health  
Conditions

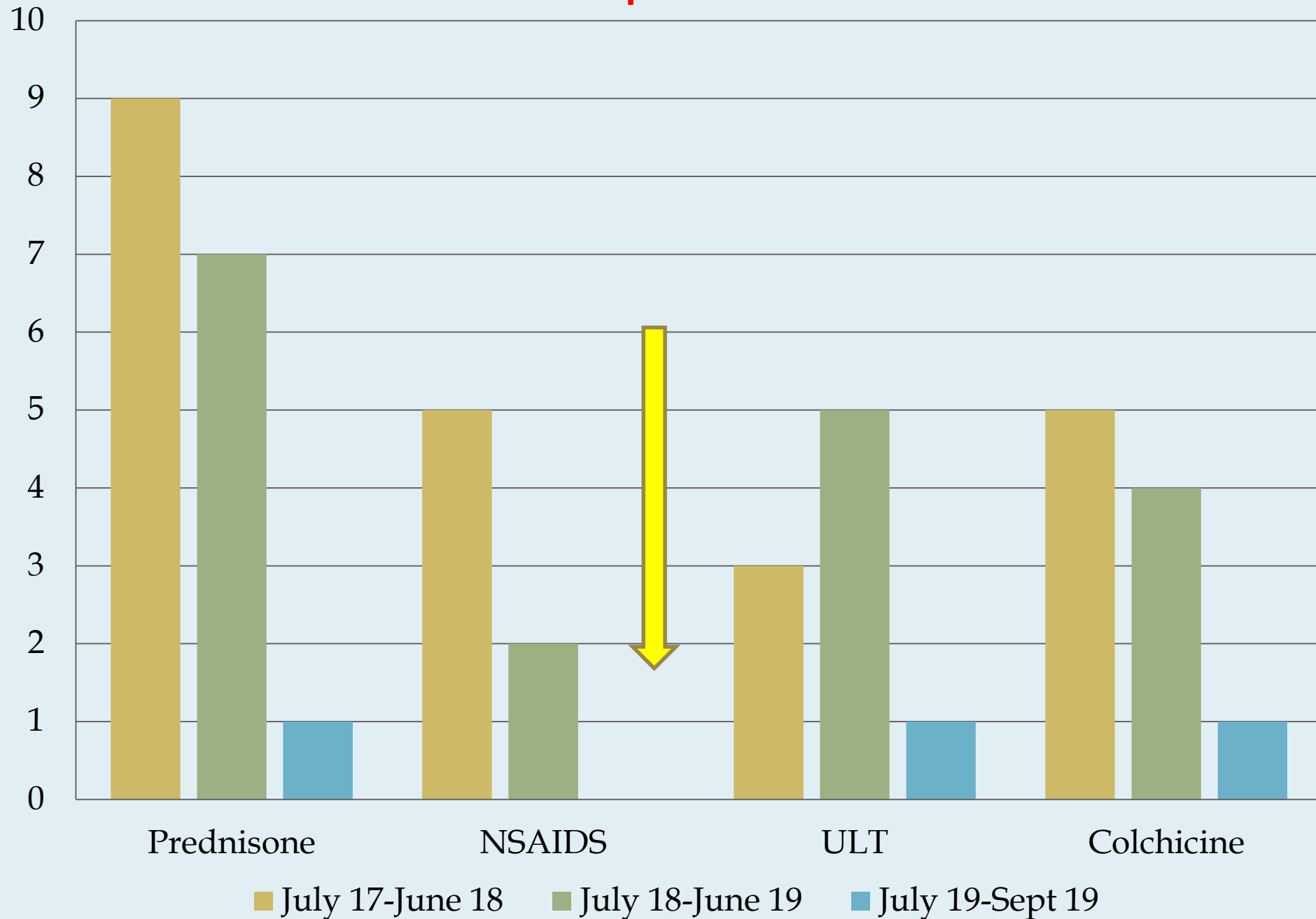
# Matua

- ▣ Māori male, age 58
- ▣ 1<sup>st</sup> gout attack age 21
- ▣ Significant damage to joints
- ▣ Co-morbidities CRF, HTN, High Cholesterol, Depression
- ▣ ↑ ED and Inpatient Visits
- ▣ Scrapes \$ for GP visits
- ▣ \$24 pw after basics
- ▣ Lots of Scripts
- ▣ Health Literacy
- ▣ Lost Years & Potential

# Interventions

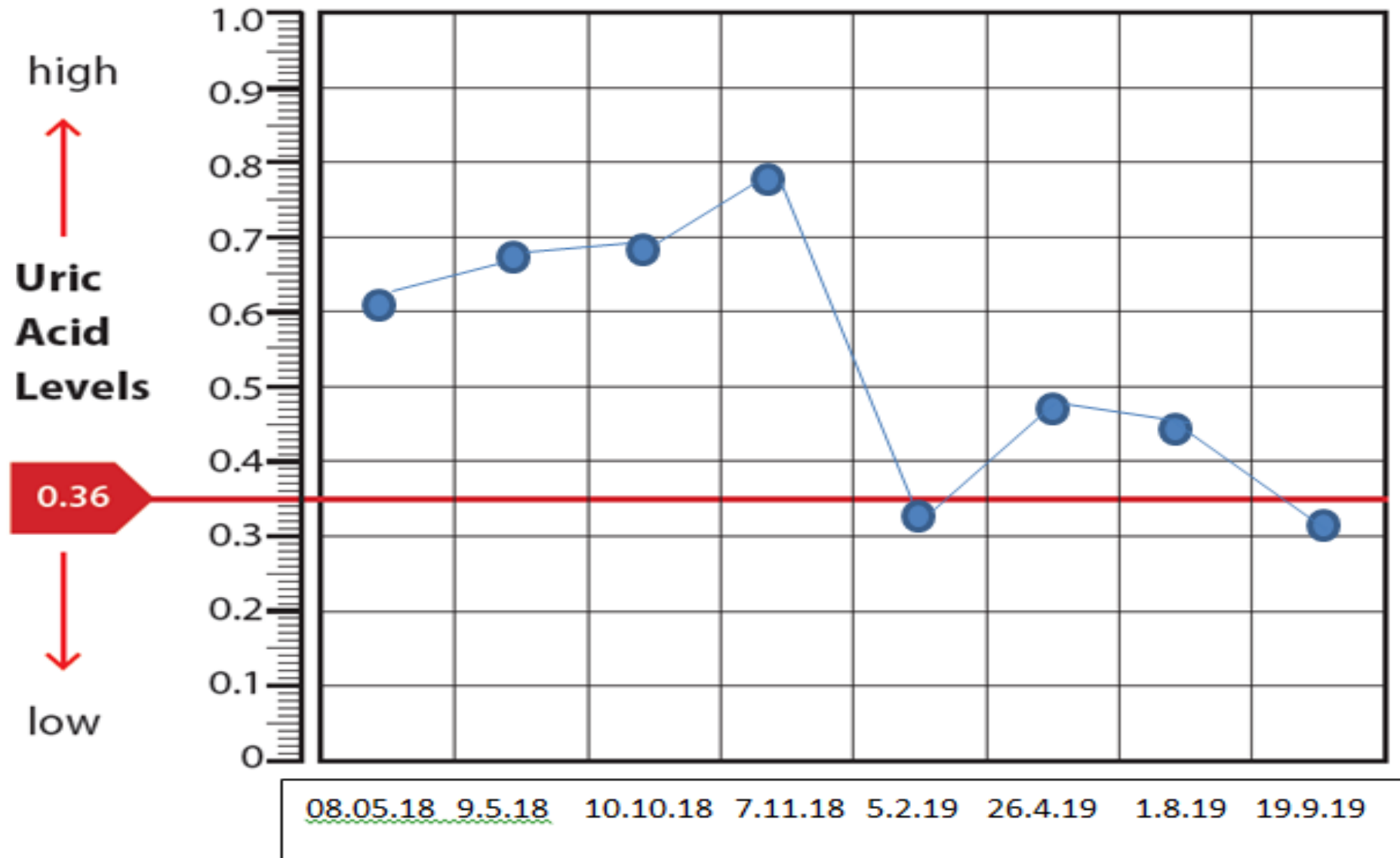
- ▣ Oct 2018 – behind the scenes
- ▣ Short term success Nov 2018- Feb 2019
- ▣ Reviewed 1° and 2° care, community pharmacy
- ▣ Coordinated care with other services – EBPHA, OPC, DNS, lab tests, radiology, hx of DNA
- ▣ Referred KMEDS July 2019

# Number of Scripts Per Annum





# Serum Uric Acid



## Summary of Visits & Cost/Funding

	1 <sup>st</sup> July 2017 – 30 <sup>th</sup> June 2018
<b>Purchase Service</b>	<b>Funded</b>
Community Radiology	70.08
Emergency Department	2,838.00
General Internal Medical Services	8,286.74
Orthopaedic Inpatient	5,298.12
<b>TOTAL</b>	(a)\$16,492.94
	1 <sup>ST</sup> July 2018 – 30 June 2019
<b>Purchase Service</b>	<b>Funded</b>
Physiotherapist	108.14
Podiatry	806.65
Community Orthotics	470.83
Emergency Department	1,475.31
General Internal Medical Services	3,072.40
Nurse Led Outpatients	1,450.54
General Surgery – Inpatient Services	2,028.84
<b>TOTAL</b>	(b)\$9,412.71
A	16,492.94
B	9,412.71
<b>TOTAL SAVINGS</b>	<b>\$7,080.23</b>

# Challenges

- ▣ How to define this NP role
- ▣ Multi-agency plans & communication
- ▣ Environmental factors
- ▣ Health
- ▣ Desperate need
- ▣ Cultural Obligations of Te Ao Māori

# Recommendations

- ▣ Value of a NP workforce
- ▣ Importance of Whakapapa
- ▣ Visionary Leadership
- ▣ Integrated Care Coordination
- ▣ Resource appropriately
- ▣ Kia Kaha, Kia Manawanui, Kia Toa.
- ▣ Be Strong, Be Steadfast, Be Brave.



