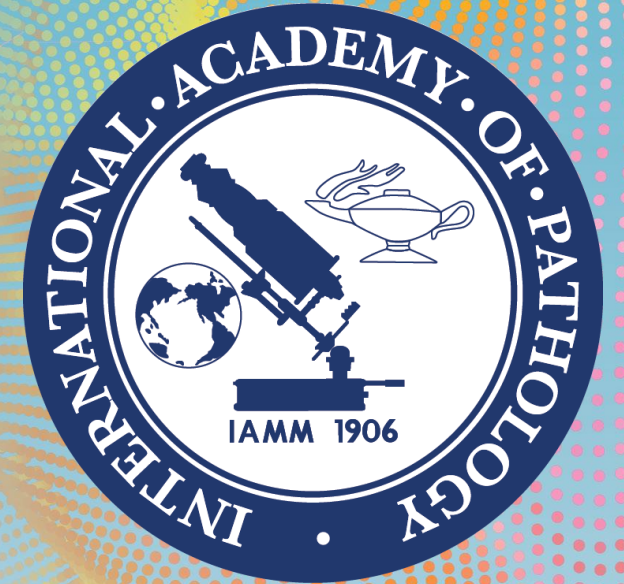


# Pacific Island Forum

- What a lab visit looks like

Dr Peter Earls

“SydPath” St Vincents Hospital, Sydney



The 48th Annual Scientific Meeting *of the*

Australasian Division of the  
International Academy of Pathology

# Disclosure of Relevant Financial Relationships

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No relevant financial relationships

# What a lab visit looks like

## Aims

- Inspire those
  - that haven't visited to do so
  - that have to collaborate strategically
- I will discuss
  - types of visit
  - the range of activities that can be done
    - Illustrated by my recent PNG visit
  - future strategies



# What can an AP do?



# Types of lab visit

## My experience

- since 2008
  - x3 visits to Fiji
  - x1 Tonga
  - x1 PNG
- Supervised DFAT/RCPA Scholarships
  - Graduates from Fiji, Tonga, Kiribati
  - + Samoa in 2025

# Types of lab visits

- “One off”
  - Help with the immediate work at hand
    - Provide relief for local pathologist
    - minimal education input

# Types of visits

- Part of a planned schedule
  - RCPA/FNU Masters of Pathology Programme

2013 RCPA FELLOW VISITS FOR PATHOLOGY TEACHING IN FIJI		
MONTHS	PATHOLOGISTS	TOPICS
January	Mathew Meerkin Jan 28 - Feb 8	Clinical chemistry
February	Raghwa Sharma	Gyane, Breast
March	Ewan Miller: March 11-15	Renal Path and Lab Issues
April	Jane Dahlstrom April 15-21 David Ellis April 15-21 (We envisage a weeks symposium)	Jane: Immuno, Histochemistry, Autopsy, Placenta; David : Hematopathology, IP's.
May	Sandy Darling May 6 <sup>th</sup> to 10 <sup>th</sup> Amanda Caswell May 27 <sup>th</sup> to 31st	Skin Pathology Clinical Chemistry (liase with Mathew)
June	Andrew Ruskiewicz; June 3-7 David Roxby; June 17-21	Gastrointestinal and hepatobiliary pathology Transfusion medicine
July	David Fulcher Svetlana Cherepanoff	Immunopathology Eye pathology
August	Brett Delahunt	Uropathology
September	Duncan McCleod	GIT/ Hepato-biliary
October	Neil Lambie	lung, head and neck and/or possibly hematopathology
November	Raghwa Sharma	Exams

# Types of visits

- Part of a planned schedule
  - RCPA/FNU Masters of Pathology Programme
  - DFAT/RCPA scholarship reciprocal visits



# What a lab visit looks like – PNG November 2023

Sydpath/RCPA

Dr Joanne Joseph (Haem)

Dr Alisa Kane (immunology)

Dr Peter Earls (AP/Cyto)



# What a lab visit looks like – PNG November 2023

## Formal teaching

- Lecture for Medicine undergraduates
- Grand rounds
- Curriculum development (cytology)



# What a lab visit looks like

## Formal teaching

- Lecture for Medicine undergraduates
- Grand rounds
- Curriculum developments (cytology)

## Teaching within laboratory

- tutorial

## Consultation for difficult cases





# What a lab visit looks like

- Training and assistance of technical staff
- Review of
  - Procedures
  - Quality activities
  - Safety manuals
  - Staff training





# What a lab visit looks like

## Formal teaching

- Lecture for Medicine undergraduates
- Grand rounds
- Curriculum developments (cytology)

## Teaching within laboratory

- tutorial

## Consultation for difficult cases

## FNA Clinic

- ROSE

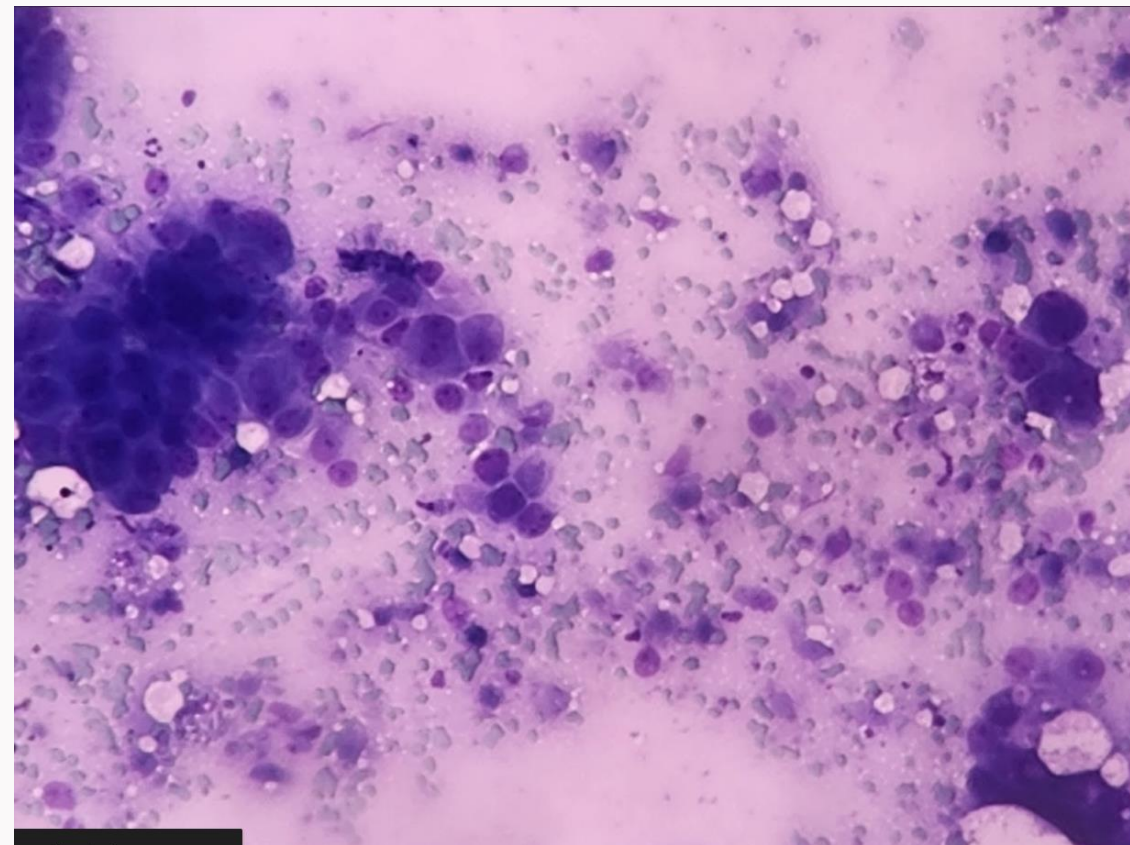
# Fine Needle Aspiration Biopsy (FNA) Clinic



# Introduction of ROSE to the FNA clinic



# Introduction of ROSE to the FNA clinic





# Audit of review cases

## 14 cases

- Brain x 8
- Breast x 3
- Head and neck x 2
- Gynae x 1

## Delay in report

- range 3 years to current
- most 4 -5 months

# Neuropathology Cases

Pt	Age	Sex	Site	Port Morseby Provisional Dx	St Vincents Diagnosis	IHC	Molecular
1	28	M	Brain	Astrocytoma	Abscess/gliosis		
2	7	F	4 <sup>th</sup> Vent	Medulloblastoma	Medulloblastoma	Syn+ Yap- Gap-	
3	53	F	Brain	Astro vs Meningioma	Meningioma G1	SMARCE1 retained	
4	3	F	Cerebellum	Nil	Pilocytic astrocytoma, G1		
5	48	M	Pituitary	Nil	PitNET (NOS)		
6	68	M	Brain	Met AdenoCa, Prostate	Met AdenoCa, Lung	TTF-1 +	
7	14	M	Brain	Nil	Oligodendroglioma G3	IDH1 -	1p/19q code1, IDH2 R172K mut
8	11	F	Eye/Optic n.	Nil	Pilocytic astrocytoma, G1	IDH-	

# Breast cases

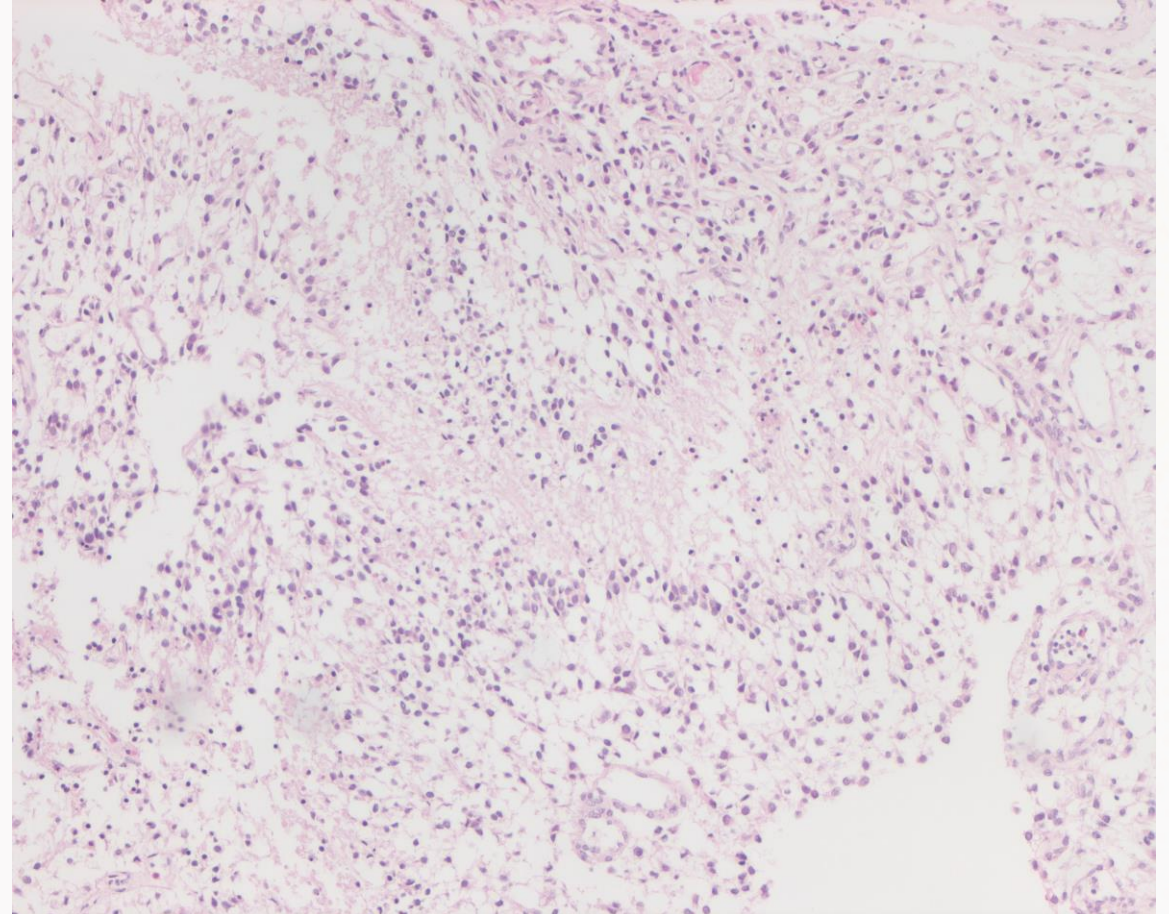
Pt	Age	Sex	Port Morseby Provisional Dx	St Vincents Diagnosis	IHC
9	33	F	IDC, G1	IDC, G3	ER- PR- Her2 -
10	61	F	IDC, G1	IDC, G3	ER+, PR+, Her2+
11	40	F	DDX IDC vs adenosis	Sclerosing adenosis	

# Other cases

Pt	Age	Sex	Site	Port Morseby Provisional Dx	St Vincents Dx	IHC
12	28	M	Jaw	Nil	Ameloblastoma (desmoplastic variant)	BRAF V600E+
13	21	F	Scalp	Nil	Cellular blue naevus	
14	56	F	Endometrium	Nil	Benign endocervical polyp	

# Interesting cases

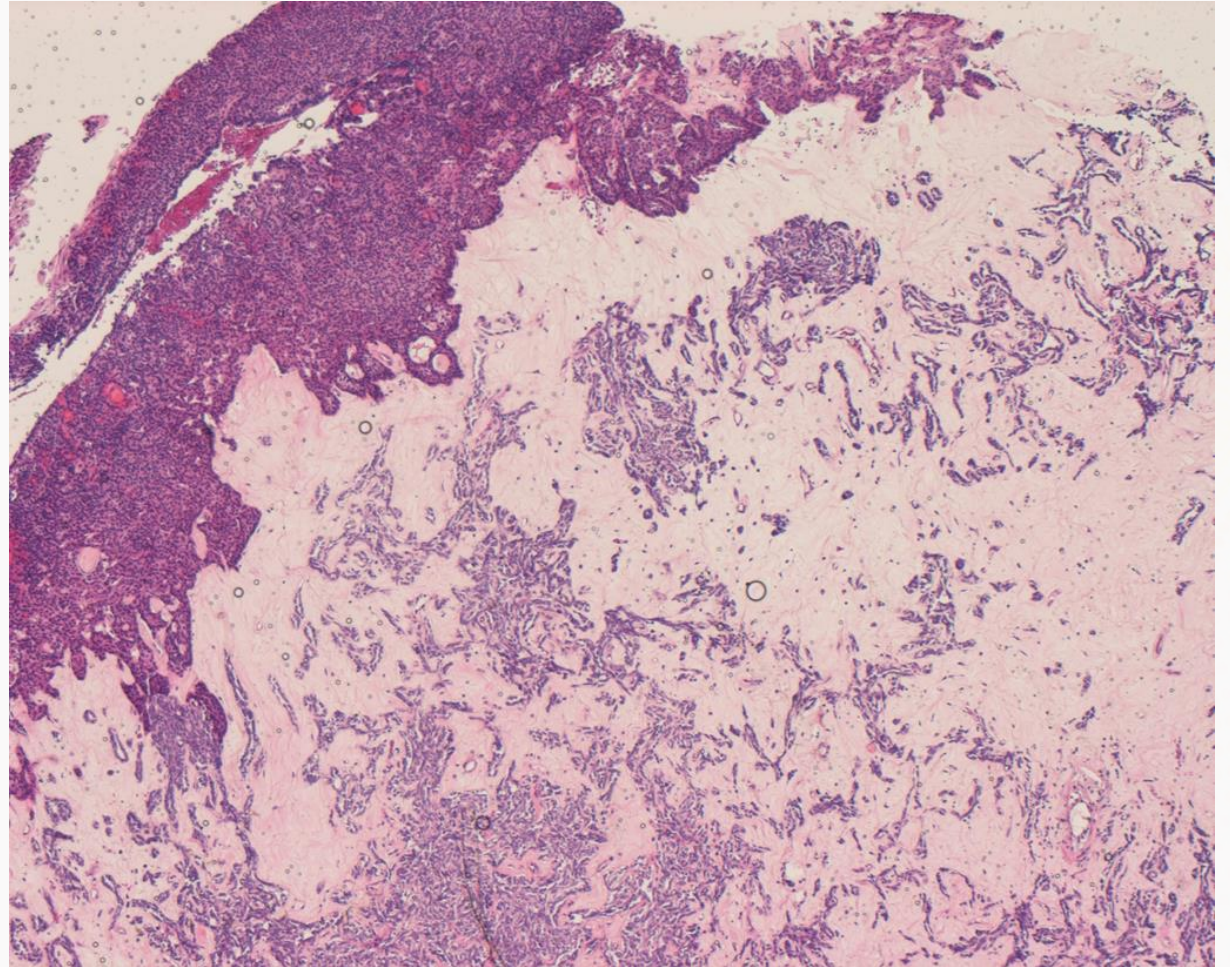
- 14M brain tumour
  - Oligodendroglioma
  - grade 3
    - FISH 1p/19q co deleted
    - IDH2 R172M mutation



# Interesting cases

28M Jaw tumour

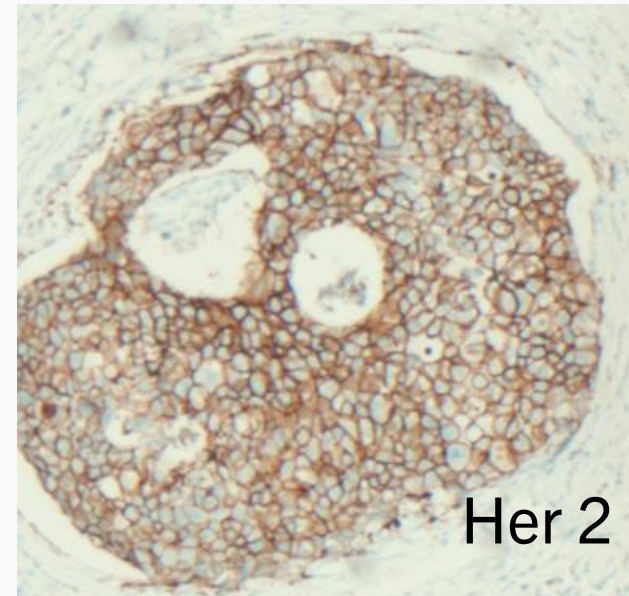
- Desmoplastic Ameloblastoma
- unusual histological variant



# Breast cases

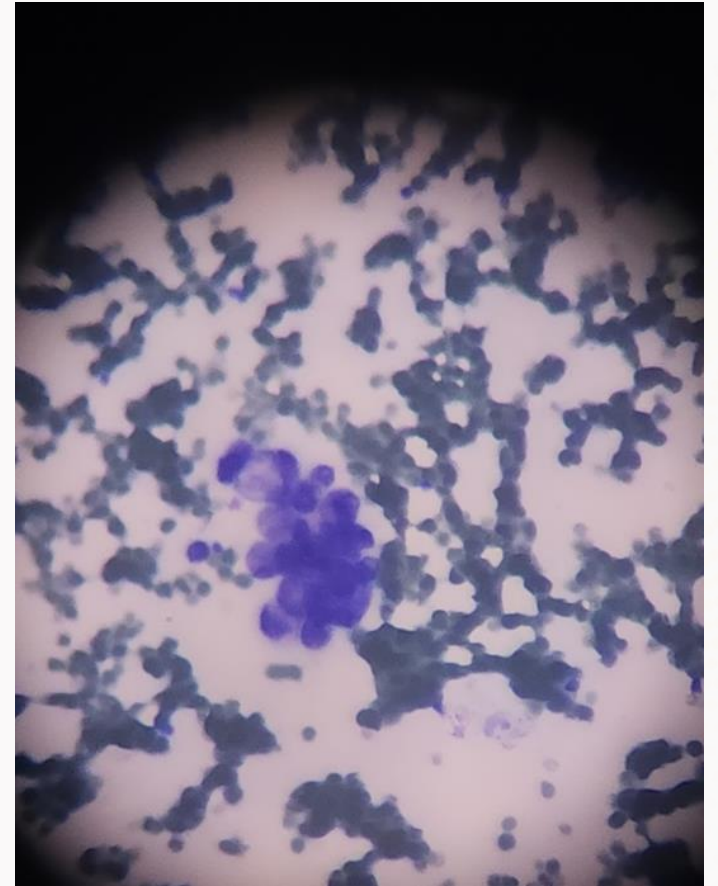
Breast Carcinoma receptor studies

1. Grade 3, Triple negative (ER - PR - Her2 -)
2. Grade 3. ER + PR + Her2 +



# Future with regards to PNG

- Develop a plan of assistance
  - Diagnostic support
    - digital pathology and virtual meetings
  - Network of
    - Scientific staff and pathologists
    - RCPA
  - reciprocal visits
  - joint research
  - funding
    - DFAT
    - other



# Future visits Pacific in general

- Part of structured programme
  - Delivering specified education for that scheduled visit
  - Planning input from RPCA and Pacific nations
  - Generic visit outline with various options
    - Type and size of lab
    - Skills of visiting Pathology team
- Goal setting
  - Achieve optimal level of local pathology service delivery
- Reciprocal visits
- Shared study projects and audits

# Conclusion

- Lab visits are
  - Fun
  - Educational for all involved
  - Better done collaboratively
    - Pathologists, lab scientists, registrars
    - Australasian and Pacific labs share planning
  - Multidisciplinary
    - Across pathology disciplines
    - Other colleges eg RACS



# Building relationships



