

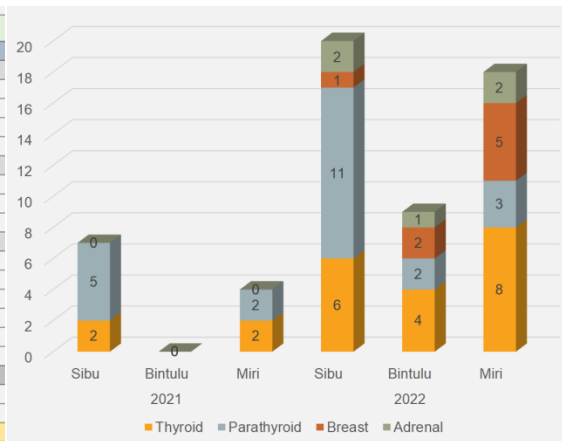
GLOBAL SURGERY : BREAST AND ENDOCRINE SARAWAK GENERAL HOSPITAL, VISITING HOSPITAL CENSUS 2021-2022



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Type of Cases Done	2021				2022			
	Sibu	Bintulu	Miri	Total	Sibu	Bintulu	Miri	Total
Thyroid								
Hemithyroidectomy/Isthmusectomy/Completion	0	0	0	0	3	2	0	5
Total thyroidectomy	2	0	1	3	3	2	5	10
Total thyroidectomy + neck dissection	0	0	0	0	0	0	1	1
Modified lateral neck dissection	0	0	1	1	0	0	2	2
Parathyroid								
Focused parathyroidectomy	0	0	2	2	3	0	1	4
Unilateral exploration + parathyroidectomy	0	0	0	0	0	0	1	1
Total parathyroidectomy	5	0	0	5	8	2	1	11
Breast								
Mastectomy + Axillary Clearance	0	0	0	0	0	1	2	3
Wide local excision + SLNB	0	0	0	0	1	0	0	1
Axillary clearance	0	0	0	0	0	0	1	1
MAC + LD Flap	0	0	0	0	0	0	1	1
Microdochectomy	0	0	0	0	0	0	1	1
Excision biopsy	0	0	0	0	0	1	0	1
Adrenal								
Open adrenalectomy	0	0	0	0	0	1	1	2
Retroperitoneoscopic adrenalectomy	0	0	0	0	2	0	1	3
Total	7	0	4	11	20	9	18	47



Background introduction

- Global health has come into immense scrutiny in conjunction with Global Surgery (since its implementation in January 2014), with extra emphasis in low income and middle income countries (LMICs).
- There is a projected increase in incidence of cancer cases and anticipated need for surgical service in less equipped regions will continue to rise substantially .
- Reduction in death and disability in forms of breast or endocrine pathology should not be hindered by assess to surgical and anaesthesia care which should be made available, affordable, timely and safe.
- Breast and endocrine surgical team from Sarawak General Hospital has made a dedicated effort to ensure equal amount of surgical care be provided to all regions within Sarawak with adequate operative means

Method

- Retrospective Audit of 3 first level hospitals within Sarawak were included in this census. Hospital Sibu, Hospital Bintulu and Hospital Miri.

Result

- A number of 58 breast and endocrine surgical cases were performed between 2021 to 2022 in the 3 visiting first level hospitals in Sarawak. With 11 cases in 2021, and 47 total cases in 2022.

Conclusion

- Surgery extends across countries at all stages of development , the largest area of unmet need exists within low income and middle income countries (LMICs).
- Sarawak been the heartbeat and the largest covering land mass within Borneo , with its geographical discrepancies and third world infrastructures , this proves a challenge for strong prehospital network.
- However with frequent monthly visits to first level hospitals, we hope to partly overcome delays for patients definitive care

Reference

- Meara JG , Leather AJM , Hagander L et al. *Global surgery 2030: evidence and solutions for achieving health, welfare, and economic development. Lancet. 2015*
- Farmer PE , Kim JY . *Surgery and global health: a view from beyond the OR. World J Surg. 2008*