

Surgical Services of South Sarawak Cluster Hospital: Performance and Evolution



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Introduction

The Surgical Department of Sarawak General Hospital had participated in Cluster Hospital (CH), an integrated network between the specialist centre (leading hospital, LH) and non-specialist centre (non-leading hospital, NLH) since 2019. As part of the Global Surgery initiative, the shared resources between these hospitals helped to reduce waiting time for surgery in LH and optimized the utilization of operation theatre facilities in NLH. This study illustrates the performance and evolution of our surgical services in CH.



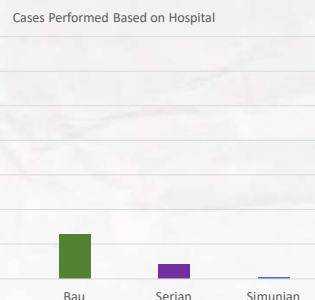
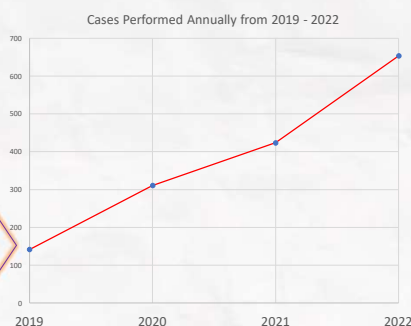
Methods

A retrospective descriptive study was performed based on data collection taken from the electronic operating record from 2019 to 2022.

The number and type of surgical procedures done by all the subspecialties such as Breast and Endocrine (B&E), Hepatopancreatobiliary (HPB), Colorectal, Upper Gastrointestinal (Upper GI), Vascular and General Surgery (GS) in Sarawak Heart Centre (SHC), Bau, Serian and Simunjan Hospital were recorded and analysed.

Results

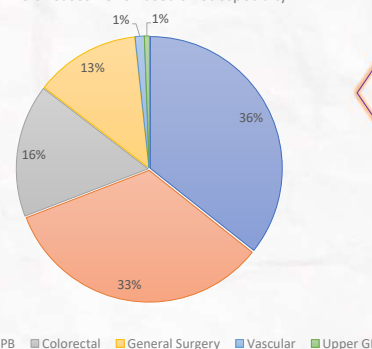
A total of 1531 cases were performed over the 4 years in NLH, which showed an increasing trend; 142 cases in 2019, 311 cases in 2020, 424 cases in 2021 and 654 cases in 2022



There were 1181(77.1%) cases performed at SHC, 257(16.8%) cases in Bau, 85(5.6%) cases in Serian and 8(0.5%) cases in Simunjan Hospital

In later years, there are more major cases performed in NLH including liver resection (6 cases), Whipple procedure (16 cases), thyroid surgery for retrosternal extension (12 cases), neck dissection (3 cases) and colectomy (32 cases)

No of Cases Done Based on Subspecialty



The majority of the cases done were B&E cases with a total of 546, followed by HPB (512 cases), Colorectal (249 cases), GS (197 cases), Vascular (17 cases) and Upper GI (9 cases)

Conclusion

The type of cases performed in NLH vary from elective to emergency, minor or major cases, and open or laparoscopic surgery. This study had shown that there was an improvement in current performance and evolving type of cases performed over 4 years by our Surgical Department.

References

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