



UNDERSTANDING THE POTENTIAL FOR GLOBAL SURGERY INITIATIVE IN HOSPITAL SULTANAH HAJJAH KALSOM, CAMERON HIGHLANDS



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Abstract

Hospital Sultanah Hajjah Kalsom, Cameron Highlands is a district hospital located 135km from the Lead Cluster Hospital Kuala Lipis. The access to a hospital with surgical service may take up to 2 hours on unsafe roads. Therefore, it is safer to deliver surgical care locally for the community in Cameron Highlands avoiding putting the patients through difficult travel conditions. Global Surgery Initiative was started in this hospital through evaluation, collaboration and training of the local medical officers and paramedics with help of visiting surgeons from Hospital Kuala Lipis. Through this initiative, local community have received safe and timely surgical care whilst aiming to reduce the need for referrals and congestion in specialist hospitals.

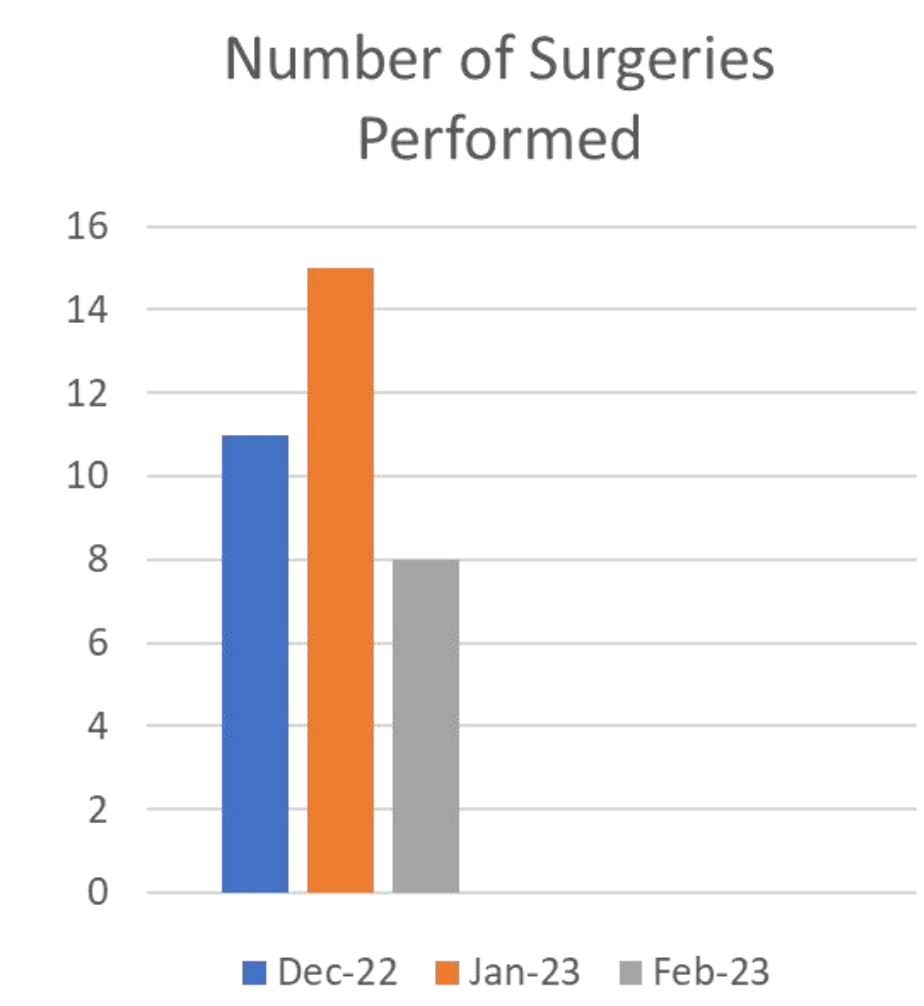
How It Started?

Global Surgery Initiative was started through evaluation, collaboration and training of the medical officers and paramedics with help of visiting surgeons.

Issues to be dealt with:

1. Assets procurement
2. Infrastructure preparation and upgrades
3. Workforce strength
4. Service delivery startup and continuity
5. Governance

By understanding the need for Global Surgery in district hospital and the issues to prepare the facility and the staffs, only then it will be achievable as this has become a common goal of the entire organization.



Introduction

Hospital Sultanah Hajjah Kalsom, Cameron Highlands started its surgical services since 2018 with Local Anaesthetic surgical procedures led by General Surgical team from Hospital Kuala Lipis. At the beginning, the OT is utilised once every 2 months to operate on cases such as I&D, FNAC, excision biopsy and hernioplasty all done under Local Anaesthesia.

Since December 2022, Hospital Sultanah Hajjah Kalsom started its first surgical and anaesthetic care. The services provided was in collaboration with surgeons from Hospital Kuala Lipis from Orthopedic, General Surgery and Gynaecology department.

Hospital Kuala Lipis Orthopaedic Department has long waiting time of approximately 4 months for an elective surgical procedure. Since the utilisation of Operating Theatre in Hospital Sultanah Hajjah Kalsom, the waiting time has reduced to 3 months for an elective operation.

Our Achievements

In 3 months of GA OT services in Hospital Sultanah Hajjah Kalsom, we have successfully performed a total of 22 GA cases and 12 surgical cases under Spinal Anaesthesia. Cases were both performed by visiting surgeon and trained senior Medical Officer.

DECEMBER 2022

Department	Total	Surgeon	MO	GA	Spinal	LA	Elective	Emergency
Ortho	9	7	2	6	3	-	8	1
Surgical	2	-	-	2	-	-	2	-
O&G	-	-	-	-	-	-	-	-

JANUARY 2023

Department	Total	Surgeon	MO	GA	Spinal	LA	Elective	Emergency
Ortho	13	5	8	8	5	-	9	4
Surgical	1	1	-	1	-	-	1	-
O&G	1	1	-	-	1	-	-	1

FEBRUARY 2023

Department	Total	Surgeon	MO	GA	Spinal	LA	Elective	Emergency
Ortho	7	5	2	4	3	-	5	2
Surgical	27	-	27	-	-	27	27	-
O&G	1	1	-	1	-	-	1	-

Department	Type of Operation	Total	
Ortho	Removal of Implant	5	
	Plating	Radius	5
		Ulna	1
		Humerus	2
		Clavicle	3
		Femur	3
	TKR	3	
	Wound Debridement	3	
	Sequestrectomy	1	
	I&D	1	
Excision Biopsy	2		
Surgery	Hernioplasty	2	
	Excision Biopsy	1	
O&G	EUA and Perineal Repair	1	
	Laparoscopic cystectomy	1	
TOTAL		34	

Way Forward

Global Surgery Initiative in Hospital Sultanah Hajjah Kalsom will continue to expand with continuous training and upgrading the facilities and assets in the hospital. We also aim to further shorten the waiting time for patients needing surgery in Hospital Kuala Lipis.

SWOT ANALYSIS

	Internal Factors	External Factors
STRENGTH	<ul style="list-style-type: none"> Mutual understanding between Lead Hospital and Non Lead Hospital. Existing basic OT facility and already running LA cases since 2018. Good support from JKN Pahang and KKM to move towards Global Surgery. 	<ul style="list-style-type: none"> Continuous promotion to increase awareness of Global Surgery Initiative
WEAKNESS	<ul style="list-style-type: none"> Medical Officer's competency not sustainable. Non-specialist district hospital. Competency of MO & paramedics needing frequent training and retraining. Need for an upgrade in term of infrastructure and assets. 	<ul style="list-style-type: none"> Financial constrain
OPPORTUNITY	<ul style="list-style-type: none"> Staff willing to cooperate To coordinate support service/ administrative services Role of visiting surgeons in district hospital. Role of Lead Hospital in training the staffs in Non Lead Hospital in training junior doctors and paramedics. Improving OT waiting time in Hospital Kuala Lipis especially for Orthopaedic Department. 	<ul style="list-style-type: none"> Good coordination between Kluster Pahang Barat Visiting Surgeons taking their lead to develop and expand OT services in Hospital Sultanah Hajjah Kalsom
THREAT	<ul style="list-style-type: none"> Lack of man power, fatigue. Continuity and sustainability of service delivery. Larger number of patients are from Kuala Lipis. Difficult to convince patients to be mobilized to Cameron Highlands for surgery 	<ul style="list-style-type: none"> Unable to expand services if OT is not fully equipped Resources constraint

Contact

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