## **Surgical Training and Educational Needs Survey (AMO)**

## I. DEMOGRAPHIC INFORMATION

Study ID:				
Age:				
Gender:				
O Male				
O Female				
How many years h	ave you worked at this hospital?			
Please list the other	r health facilities you have worked	at including length of post	ing:	
DUCATIONAL HIS	TORY			
Did you study to be	a Clinical Officer Prior to becomi	g an AMO?		
Did you study to be	a Clinical Officer Prior to becomi	g an AMO?		
	a Clinical Officer Prior to becomi	g an AMO?		
O Yes	a Clinical Officer Prior to becomi	ig an AMO?		
O Yes			2000	
O Yes	a Clinical Officer Prior to becomi		on)?	
O Yes			on)?	
O Yes			on)?	
Yes No Where did you atte		name of school and location	on)?	
Yes No Where did you atte	nd Clinical Officer School (include	name of school and location	on)?	
Yes No Where did you atte	nd Clinical Officer School (include	name of school and location	on)?	
Yes No Where did you atte	nd Clinical Officer School (include	name of school and location		r?
Yes No Where did you atte	nd Clinical Officer School (include	name of school and location		r?
Yes No No Where did you atte	nd Clinical Officer School (include graduate from Clinical Officer school ork as a Clinical Officer prior to b	name of school and location of?	n Assistant Medical Office	r?
Yes No No Where did you atte	nd Clinical Officer School (include	name of school and location of?	n Assistant Medical Office	r?
O Yes O No  Where did you atte	nd Clinical Officer School (include graduate from Clinical Officer school ork as a Clinical Officer prior to b	name of school and location of?	n Assistant Medical Office	r?
No  Where did you atte	nd Clinical Officer School (include graduate from Clinical Officer school ork as a Clinical Officer prior to be and Assistant Medical Officer (AMC	name of school and location of?	n Assistant Medical Office	r?
Yes No No Where did you atte	nd Clinical Officer School (include graduate from Clinical Officer school ork as a Clinical Officer prior to b	name of school and location of?	n Assistant Medical Office	r?
Yes No No Where did you atte	nd Clinical Officer School (include graduate from Clinical Officer school ork as a Clinical Officer prior to be and Assistant Medical Officer (AMC	name of school and location of?	n Assistant Medical Office	1?
Where did you atte	nd Clinical Officer School (include graduate from Clinical Officer school ork as a Clinical Officer prior to be and Assistant Medical Officer (AMC	name of school and location ol? eginning your studies as a	n Assistant Medical Office	

When did you begin performing surge	eries as part of your medical	duties? State year and level of training.
Disease describe the first region oursing		under surem feier.
Please describe the first major surgic	al procedure you performed	under supervision:
When?		
Where?		
What procedure?		
Your level of training at the time?		
Your supervisor (specify his/her level of training)?		
How many similar procedures had you assisted in during your training?		
How do you feel this procedure went	?	
Please describe the first major surgice	al procedure you performed	as the primary surgeon without supervision:
When?	ar procedure you performed	as the primary surgeon without supervision.
Where?		
What procedure?		
Your level of training at the time?		
Your assistant (specify his/her training level)?		
How many similar procedures had you assisted in during training?		
How many similar procedures had you previously performed under supervision?		
How do you feel this procedure went	?	
Would you like to share any other cor	nments about your experier	nce with surgeries you did early in your career?
How many of the following procedure	es did you assist in during y	our training at AMO school?
Elective inguinal hernia repair		
Emergency inguinal hernia repair		
Hydrocelectomy		
Exploratory laparotomy for trauma		
Exploratory laparotomy for acute		

abdomen		
Bowel resection and anastomosis		
Appendectomy		
Cholecystectomy		
Mastectomy		
Prostatectomy		
Splenectomy		
Colostomy		
Cesarean section		
Hysterectomy		
Uterine evacuation for abortion treatment		
Other common procedures		
How many of the following procedure	es did you perform under su	upervision during your training at AMO school?
Emergency inguinal hernia repair		
Hydrocelectomy		
Exploratory laparotomy for trauma		
Exploratory laparotomy for acute abdomen		
Bowel resection and anastomosis		
Appendectomy		
Cholecystectomy		
Mastectomy		
Prostatectomy		
Splenectomy		
Colostomy		
Cesarean section		
Hysterectomy		
Uterine evacuation for abortion treatment		
Other common procedures		
Where was your first job posting upo	n completion of AMO school	)l?
Please describe your on the job train you learned.	ning at this first posting, incl	uding who your surgical teachers were and what procedure
		A

How long did you work at your first p	osting before you began to	perform surgical procedures independently?
How many of the following procedure	es did you assist in during y	our on the job training as an AMO?
Elective inguinal hernia repair		
Emergency inguinal hernia repair		
Hydrocelectomy		
Exploratory laparotomy for trauma		
Exploratory laparotomy for acute abdomen		
Bowel resection and anastomosis		
Appendectomy		
Cholecystectomy		
Mastectomy		
Prostatectomy		
Splenectomy		
Colostomy		
Cesarean section		
Hysterectomy		
Uterine evacuation for abortion treatment		
Other common procedures		
How many of the following procedure	s did vou perform under su	spervision during your on the job training as an AMO?
Elective inguinal hernia repair	, , , , , , , , , , , , , , , , , , , ,	
Emergency inguinal hernia repair		
Hydrocelectomy		
Exploratory laparotomy for trauma		
Exploratory laparotomy for acute		
abdomen		
Bowel resection and anastomosis		
Appendectomy		
Cholecystectomy		
Mastectomy		
Prostatectomy		
Splenectomy		
Colostomy		
Cesarean section		
Hysterectomy		
Uterine evacuation for abortion treatment		
Other common procedures		

## III. SURGICAL ACTIVITY

Elective inguinal hernia repair	
Emergency inguinal hernia repair	
Hydrocelectomy	
Exploratory laparotomy for trauma	
Exploratory laparotomy for acute abdomen	
Bowel resection and anastomosis	
Appendectomy	
Cholecystecomy	
Mastectomy	
Prostatectomy	
Splenectomy	
Colostomy	
Cesarean section	
Hysterectomy	
Uterine evacuation for abortion treatment	
Other common procedures	
Elective inguinal hernia repair	s have you performed in your career?
Emergency inguinal nernia repair	
Emergency inguinal hernia repair  Hydrocelectomy	
Hydrocelectomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy  Cholecystectomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy  Cholecystectomy  Mastectomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy  Cholecystectomy  Mastectomy  Prostatectomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy  Cholecystectomy  Mastectomy  Prostatectomy  Splenectomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy  Cholecystectomy  Mastectomy  Prostatectomy  Splenectomy  Colostomy	
Hydrocelectomy  Exploratory laparotomy for trauma  Exploratory laparotomy for acute abdomen  Bowel resection and anastomosis  Appendectomy  Cholecystectomy  Mastectomy  Prostatectomy  Splenectomy  Colostomy  Cesarean section	

We hope to assess your technical ability to perform specific surgical procedures with the following questions. The purpose of these questions is to identify areas where further training may be beneficial. Please feel free to answer openly as your responses will remain anonymous.

## Can you perform the following procedures safely?

	Yes	No
Elective inguinal hernia repair	0	0
Emergency inguinal hernia repair	0	0
Hydrocelectomy	0	0
Exploratory laparotomy for trauma	0	0
Exploratory laparotomy for acute abdomen	0	0
Bowel resection and anastomosis	0	0
Appendectomy	0	0
Cholecystectomy	0	0
Mastectomy	0	0
Prostatectomy	0	0
Splenectomy	0	0
Colostomy	0	0
Cesarean section	0	0
Hysterectomy	0	0
Uterine evacuation for abortion treatment	0	0
Other common procedures	0	0

Please indicate your level of comfort with performing the following procedures:

	Very comfortable	Somewhat comofortable	Not Sure	Somewhat uncomfortable	Very uncomfortable
Elective inguinal hernia repair	0	0	0	0	0
Emergency inguinal hernia repair	0	0	0	0	0
Hydrocelectomy	0	0	0	0	0
Exploratory laparotomy for trauma	0	0	0	0	0
Exploratory laparotomy for acute abdomen	0	0	0	0	0
Bowel resection and anastomosis	0	0	0	0	0
Appendectomy	0	0	0	0	0
Cholecystectomy	0	0	0	0	0
Mastectomy	0	0	0	0	0
Prostatectomy	0	0	0	0	0
Splenectomy	0	0	0	0	0
Colostomy	0	0	0	0	0
Cesarean section	0	0	0	0	0
Hysterectomy	0	0	0	0	0
Uterine evacuation for abortion treatment	0	0	0	0	0
Other common procedures	0	0	0	0	0

How	often o	do vou	find	vourself	nerforming	nrocedures	that	VOLLS	are not	comfortable	with
HOW	OILEII (	JU YUU	IIIIu	yoursell	penonning	procedures	uiai	you c	are not	Commontable	VVILII

Always	$\bigcirc$	Always
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Most of the Time

<ul><li>Sometimes</li></ul>					
Rarely					
O Never					
If you are performing cases that	you are not comfor	rtable with, how d	oes this make you f	eel?	
NA/bat da vari da viban vari baya			in - 2		
What do you do when you have	a case you are not		raging ?		
					h
Please describe which cases you higher level facility?	u normally transfer	to a higher level	facility. How do you	u decide to transfe	er a patient to a
Tilgrici level lacility :					
					10
Which of the following procedure	oo da yay naad ma	ro training in?			
Which of the following procedure  Elective inguinal hernia repair	is do you need moi	re training in?			
0 =	air				
Hydrocelectomy	all				
	ıma				
Exploratory laparotomy for acu					
Bowel resection and anastomo	1515				
Appendectomy					
Cholecystectomy					
Mastectomy					
Prostatectomy					
Splenectomy					
Colostomy					
Cesarean section					
Hysterectomy					
Uterine evacuation for abortion	treatment				
Other					
Please rate the following proced	ures in terms of the	eir priority for deli	verv at vour hospita	l on a scale of 1 t	o 5. Note: 1 is a
procedure of the lowest priority,	while 5 is the highe	est priority proced	lure.	2 300.3 01 1 0	
	1	2	3	4	5
Elective inguinal hernia repair	0	0	0	0	0
Emergency inguinal hernia repair	0	0	0	0	0

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0

0

0

0

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Hydrocelectomy

trauma

Exploratory laparotomy for

Exploratory laparotomy for acute abdomen

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0

0

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0

0

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anastomosis	0	0	0	0	0
Appendectomy	0	0	0	0	0
Cholecystecomy	0	0	0	0	0
Prostatectomy	0	0	0	0	0
Splenectomy	0	0	0	0	0
Colostomy	0	0	0	0	0
Cesarean section	0	0	0	0	0
Hysterectomy	0	0	0	0	0
Uterine evacuation for abortion treatment	0	0	0	0	0
Other common procedures	0	0	0	0	0
How often do you see post-oper	ative complications	s in your patients?			
Always					
Most of the Time					
Sometimes					
Rarely					
Never					
How would you rate the quality of	of ourginal care at	your boonital?			
<ul><li>Very Good</li><li>Good</li><li>Fair</li><li>Poor</li><li>Very Poor</li></ul>			nospital?		
<ul><li>Very Good</li><li>Good</li><li>Fair</li><li>Poor</li><li>Very Poor</li></ul>			nospital?		
<ul><li>Very Good</li><li>Good</li><li>Fair</li><li>Poor</li><li>Very Poor</li></ul>			nospital?		
<ul><li>Very Good</li><li>Good</li><li>Fair</li><li>Poor</li><li>Very Poor</li></ul> What if any are the limitations to	delivery of high qu		nospital?		
<ul><li>○ Very Good</li><li>○ Good</li><li>○ Fair</li><li>○ Poor</li><li>○ Very Poor</li></ul> What if any are the limitations to	delivery of high qu		nospital?		
<ul><li>○ Very Good</li><li>○ Good</li><li>○ Fair</li><li>○ Poor</li><li>○ Very Poor</li></ul> What if any are the limitations to	delivery of high qu		nospital?		
○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor  What if any are the limitations to	delivery of high qu		nospital?		
O Very Good O Good Fair Poor Very Poor What if any are the limitations to	delivery of high question delivery of high questions of high quest	uality care at your l			
○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor  What if any are the limitations to  Do you teach others surgery? F  EDUCATIONAL NEEDS  Have you participated in any cor	delivery of high question delivery of high questions of high quest	uality care at your l			
Good Fair Poor Very Poor  What if any are the limitations to  Do you teach others surgery? F  EDUCATIONAL NEEDS  Have you participated in any cor Yes	delivery of high question delivery of high questions of high quest	uality care at your l			
○ Very Good ○ Good ○ Fair ○ Poor ○ Very Poor  What if any are the limitations to  Do you teach others surgery? F  EDUCATIONAL NEEDS  Have you participated in any cor	delivery of high question delivery of high questions of high quest	uality care at your l			
O Very Good O Good Fair Poor Very Poor What if any are the limitations to  Do you teach others surgery? F  EDUCATIONAL NEEDS  Have you participated in any cor Yes	delivery of high question	uality care at your l	/?	al condition?	data

Please describe any continuing	education activites i	in surgery you hav	e narticinated in	Give dates	
		III Surgery you hav	re participated in:	Give dates.	
low would you rate the effective	veness of the continu	uing education you	ı have received in	n surgery?	
Very effective					
Somewhat Effective					
Neither Effective nor Ineffecti	ive				
Somewhat Ineffective					
Very Ineffective					
o you agree with the following	a statement: Continui	ing education in s	urgical care is ne	eded at my hospital	
o you agree with the following  Strongly Agree	g statement. Continu	ing education in s	urgical care is fie	eded at my nospital.	
Agree					
Disagree					
O Disagree					
Disagree Strongly Disagree	g statement: I would	benefit from conti	nuing education i	n surgical care.	
<ul><li>Disagree</li><li>Strongly Disagree</li><li>o you agree with the following</li></ul>	g statement: I would	benefit from contil	nuing education i	n surgical care.	
Disagree Strongly Disagree  o you agree with the following Strongly Agree	g statement: I would	benefit from contil	nuing education i	n surgical care.	
Disagree Strongly Disagree o you agree with the following Strongly Agree Agree	g statement: I would	benefit from contil	nuing education i	n surgical care.	
Disagree Strongly Disagree  o you agree with the following Strongly Agree Agree Neither Agree nor Disagree	g statement: I would	benefit from contil	nuing education i	n surgical care.	
Disagree Strongly Disagree o you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree	g statement: I would	benefit from contil	nuing education i	n surgical care.	
Disagree Strongly Disagree o you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree	g statement: I would	benefit from contil	nuing education i	n surgical care.	
Disagree Strongly Disagree  O you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree					to practition
Disagree Strongly Disagree  o you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree ow likely are the following con		cation methods to			to practition
Disagree Strongly Disagree  o you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree ow likely are the following con					to practition Very Like
Disagree Strongly Disagree Disagree with the following Strongly Agree Agree Disagree Disagree Strongly Disagree Disagree Disagree Disagree Disagree Disagree Disagree Disagree Disagree	ntinuing medical edu	cation methods to Somewhat	be effective in te	aching surgical skills	·
Disagree Strongly Disagree Disagree with the following Strongly Agree Disagree Disagree Strongly Disagree	ntinuing medical edu	cation methods to Somewhat Unlikely	be effective in te	aching surgical skills Somewhat Likely	Very Like
Disagree Strongly Disagree	Very Unlikely	cation methods to Somewhat Unlikely	be effective in te	aching surgical skills  Somewhat Likely	Very Like
Disagree Strongly Disagree  O you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree Ow likely are the following conyour hospital?  Web Based Curriculum Reading material Disagree Disagree	Very Unlikely	cation methods to Somewhat Unlikely	be effective in te	aching surgical skills  Somewhat Likely	Very Like
Disagree Strongly Disagree O you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree Ow likely are the following control your hospital?  Web Based Curriculum Reading material Disagree Disagree Onsite lectures Disagree	Very Unlikely	cation methods to Somewhat Unlikely	be effective in te	aching surgical skills  Somewhat Likely	Very Like
Disagree Strongly Disagree O you agree with the following Strongly Agree Agree Neither Agree nor Disagree Disagree Strongly Disagree O wlikely are the following cout your hospital? Web Based Curriculum Reading material Disagree Disagree O strongly Disagree O wlikely are the following cout your hospital?	Very Unlikely	cation methods to Somewhat Unlikely	be effective in te	aching surgical skills  Somewhat Likely	Very Like
O Strongly Disagree  O you agree with the following  Strongly Agree  Agree  Neither Agree nor Disagree	Very Unlikely	cation methods to Somewhat Unlikely	be effective in te	aching surgical skills  Somewhat Likely	Very Like

Is there anything else you would like to add about the role of continuing education in surgical care?

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Please describe your future career plans, including how long you plan to remain at this hosp	ital.
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