



**BIARGS Gynae Robotic Bedside First Assistant**

**LEVEL 1.**

(Observed competencies ) Core logbook if opportunity available: ST1/ST2 OR Nurse / Allied Health professional = Second assistant (Bottom end)

**LEVEL 2.**

( Able to undertake a skill under supervision . These will be main skills required for bed side first assistant surgical skills) : ST/Practitioner  
ST 1- 7 OR Nurse / Allied Health professional = First assistant

**LEVEL 3.**

(Indirect supervision, competent to perform certain skills in appropriate cases = Robotic ATSM)

**LEVEL 4.**

( Unsupervised, independently competent to perform certain skills including console skills for surgically appropriate cases = Robotic ATSM)

**Trainee / Allied surgical practitioner should have assisted with a laparoscopic cases before assisting with robotic cases.**

Date:	Name: (Trainee)	Trainer:
Robot system		

Orientation & Preparation	Competence Level							
	Level 1		Level 2		Level 3		Level 4	
	Date	Signature	Date	Signature	Date	Signature	Date	Signature
Orientation of robotic theatre								
Demonstrate effective team working								
Demonstrate effective communication skills within theatre team								

Demonstrate situational awareness								
Demonstrate importance of Human factor								
Sterile preparation of robot								
Bedside assistant ( level 2)								
Reflective practice								
Knowledge	Competence Level							
	Level 1		Level 2		Level 3		Level 4	
	Date	Signature	Date	Signature	Date	Signature	Date	Signature
Completion of the basic online theoretical training package								
Understands mechanics of the Robotic assisted surgery								
Awareness of the ergonomics of robotic assistance								
Familiar with robotic components and instrumentation								
Awareness of other modalities, benefits and potential complications with robotic surgery								
Trainee is able to adjust the surgical robot's settings								
Awareness of the capital cost of the robotic system and life of robotic assisted instruments								
Knowledge of different docking positions and the indications								
Understanding of the use of electrodiathermy in robotic surgery								
Understands reasons for arm clashing and methods of correction								
Knowledge of the potential complications of electrodiathermy								
knowledge of principles of laparoscopy and robotic surgery								
Situational awareness								
Communication skills								
General knowledge /Surgical competence	Competence Level							
	Level 1		Level 2		Level 3		Level 4	
	Date	Signature	Date	Signature	Date	Signature	Date	Signature
Knowledge of abdominal and pelvic anatomy								

Aware principles of managing a critically ill surgical patient								
Online modules								
- Consoles								
- Docking								
- Instrument insertion								
- Instrument removal								
- Undocking								
Simulator training	Introduction		2 hours					
<b>Robotic Assistant competence</b>	<b>Competence Level</b>							
	<b>Level 1</b>		<b>Level 2</b>		<b>Level 3</b>		<b>Level 4</b>	
	Date	Signature	Date	Signature	Date	Signature	Date	Signature
Knowledge of the operative room setup of the robotic system								
Aware of principles of the robotic system								
Be able to drape the Robot								
Be able to respond to system errors								
Able to drive the robot								
Knowledge of how to position patient for robotic surgery								
Undertake vaginal preparation for a robotic procedure								
Able to insert McCartney tube in vagina if required								
Able to insert uterine manipulator if required								
Be able to undertake vaginal preparation & insert a rectal probe if required								
Understand and demonstrate use of different methods of maintaining pneumoperitoneum								
Demonstrate understanding port placement								
Able to undertake port placement								
Be able to dock the robotic system								
Understand different docking positions and able to dock the robot								
Be able to maintain a clear image by cleaning/changing the camera								

Be able to insert, change and remove robotic instruments								
Be able to understand reason for clashing and adjust the arm positions								
Have understanding of the appropriate use of assistant port								
Demonstrates of use of suction and maintaining clear operative field								
Able to introduce and present loaded needle								
Able to cut the suture with laparoscopic scissors								
Safe retrieval of needle								
Demonstrate understanding of communication with scrub team and needle/swab count								
Demonstrate introduction and retrieval of surgical swabs from assistant port								
Demonstrate introduction and retrieval of retraction swab (endorector)								
Demonstrate introduction and retrieval of specimen bag								
Be able to perform clip application as directed by console surgeon								
Be able to perform laparoscopic adhesiolysis ( 3 cases- level 3)								
Undocking and port closure (3 cases – level 3)								
Be able to close incisions and port sites closure								
Be able to perform an emergency undocking procedure								
Able to retrieve specimen from vagina								
Demonstrate understanding of specimen handling and histology/cytology requests								
Demonstrate skills of communication with recovery and ward staff								

Name: Trainee:  Name: Trainer : Institute: Level of training: Date:
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