

CHECKLISTS FOR LAPAROSCOPIC TUBAL LIGATION COUNSELLING AND CLINICAL SKILLS

USING THE CHECKLISTS

The **Checklists for Laparoscopy Counselling and Clinical Skills** are used by the trainer to certify each participant's competency in providing laparoscopy services (i.e., pre-operative assessment, infection prevention practices, laparoscopic tubal ligation under local anesthesia, management of complications and followup care). These checklist are derived from the information provided in the manual as well as that in the training photoset and the learning guides. Unlike the learning guides, which are quite detailed, the checklists focus only on the **key** steps in the **entire** process.

The trainer uses these checklists to evaluate for certification the performance of each participant as s/he provides laparoscopy services to one or more clients. Criteria for satisfactory performance by the participant are based on the knowledge, attitudes and skills set forth in the manual. In preparing for formal evaluation (certification) by the trainer(s), participants can familiarize themselves with the content of the checklist by using it to critique one another's clinical skills (using a pelvic model or with a client).

In general, a participant is expected to satisfactorily perform at least 5–10 laparoscopy procedures in clients before being certified as competent. When determining competence, the judgment of a skilled trainer is the most important factor. Thus, in the final analysis, **competence** carries more weight than the **number** of procedures. Because the goal of this training is to enable **every** participant to achieve competency, additional training may be necessary.

It is recommended that, if possible, graduates be observed and evaluated in their institution by a **course trainer** using the same checklist within 3 to 6 months of certification. (At the very least, the graduate should be observed by a **skilled provider** soon after completing training.) This post-course evaluation activity is important for several reasons. **First**, it provides the graduate direct feedback not only on her/his performance, but also the opportunity to discuss any startup problems or constraints to service delivery (e.g., lack of instruments, supplies or support staff). **Second**, and equally important, it provides the training center, via the trainer, key information on the adequacy of the training and its appropriateness to local conditions. Without this type of feedback, training easily can become routine, stagnant and irrelevant to service delivery needs.

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION COUNSELLING AND CLINICAL SKILLS FOR SURGEONS

(To be completed by **Clinical Trainer**)

Place a ✓ in case box if step/task is performed **satisfactorily**, an X if it is **not performed satisfactorily** or N/O if not observed.

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

Not Observed: Step or task or skill not performed by participant during evaluation by clinical trainer

PARTICIPANT _____ Course Dates _____

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION COUNSELLING AND CLINICAL SKILLS FOR SURGEONS					
STEP/TASK	CASES				
GETTING READY					
1. Greets client respectfully and reviews medical record.					
2. Checks that informed consent was obtained and verifies client's identity.					
3. Checks that client has emptied bladder and thoroughly washed and rinsed abdominal and pelvic areas.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
PRE-OPERATIVE TASKS					
1. Helps client put on leggings and checks that she is positioned flat on her back.					
1. Determines that sterile or high-level disinfected instruments, fiber-optic cable, insufflator unit, Laprocator™, supplies and emergency tray are available.					
2. Checks that insufflator unit and light source units are working.					
3. Takes and records vital signs.					
4. Washes hands thoroughly with soap and water and dries with clean, dry cloth or allows them to air dry.					
5. Puts examination gloves on both hands.					
6. Puts client in lithotomy position.					
7. Performs a gentle per vagina examination.					
8. Immerses and removes gloves. If disposing of gloves, places in leakproof container or plastic					

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION COUNSELLING AND CLINICAL SKILLS FOR SURGEONS					
STEP/TASK	CASES				
bag. If reusing gloves, soaks in 0.5% chlorine solution.					
9. Performs surgical scrub and puts on sterile gown and sterile or high-level disinfected surgical gloves.					
10. Applies antiseptic two times to incision site and drapes client for procedure.					
11. Checks Laprocator system and trocar assembly unit.					
12. Throughout procedure talks to the client (verbal anesthesia).					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
PROCEDURE					
Local Anesthesia					
1. Inserts needle under skin at incision site. Raises small skin wheal, and pulls back on the plunger. Injects local anesthetic just under the skin along both sides of the incision site.					
2. Inserts needle at center of incision site directed toward pelvis and pulls back on plunger. Injects local anesthetic while withdrawing needle.					
3. Inserts needle through rectus sheath to peritoneum and pulls back on plunger. Injects local anesthetic.					
4. Withdraws needle fully and places in safe area or recaps.					
5. Gently rubs area around injection.					
6. Tells ground nurse to insert Rubin's cannula.					
7. Using tissue forceps, tests incision site.					
Creating Pneumoperitoneum					
8. Places client in a head down (Trendelenburg) position of no more than 20 degrees.					
9. Gently grasps inferior umbilical margin and makes a 5 mm incision.					
10. Inserts Verres needle at a 45 degree angle toward pelvis and connects insufflator tubing to Verres needle stopcock. Connects other end to insufflator unit.					
6. Checks for correct abdominal entry.					
7. Removes Verres needle after pneumoperitoneum is achieved.					
8. Tells scrub nurse to load Falope® rings.					
Abdominal Access					
9. Checks trumpet valve and rubber seal of trocar sleeve.					

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION COUNSELLING AND CLINICAL SKILLS FOR SURGEONS					
STEP/TASK	CASES				
10. Extends incision to width of 2 cm.					
11. Assembles trocar.					
12. Inserts trocar at 60–70° angle and traverses the fascia and peritoneum.					
13. Connects light cable to Laproscator and switches on light source.					
14. Inserts Laproscator slowly under direct vision and maneuvers toward pelvic cavity.					
15. Inspects and identifies pelvic cavity structures.					
16. Elevates uterus with Rubin’s cannula.					
Laparoscopically Guided Tubal Ligation					
17. Locates the first tube and grasps it about 3–4 cm away from cornu.					
18. Slowly retracts the tongs and applies additional pressure to release the Falope Ring.					
19. Releases the occluded fallopian tube and inspects for adequacy of occlusion and for active bleeding.					
20. Repeats procedure on opposite side for other tube.					
21. Inspects pelvic cavity for bleeding and organ injuries and removes Laproscator.					
22. Disconnects external light sources and removes trocar after desufflating abdomen.					
23. Tells ground nurse to remove Rubin’s cannula.					
24. Helps client out of lithotomy position.					
25. Closes incision with a single, simple stitch.					
26. Dresses the wound.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
POSTOPERATIVE TASKS					
1. Checks that client is safely transferred to postoperative area.					
2. Checks that scrub nurse decontaminates needle and syringe and disposes of needle and syringe, or processes syringe for reuse and disposes of needle.					
3. Checks that scrub nurse decontaminates instruments by soaking in 0.5% chlorine solution for 10 minutes.					
4. If disposing of scalpel blade, removes blade and places in puncture-proof container.					
5. Disposes of waste material in leakproof container or plastic bag.					

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION COUNSELLING AND CLINICAL SKILLS FOR SURGEONS					
STEP/TASK		CASES			
6.	After briefly immersing gloves in chlorine solution, removes gloves and either disposes of or decontaminates them.				
7.	Washes hands thoroughly with soap and water and dries with clean, dry cloth or allows them air dry.				
8.	Checks that vital signs are taken regularly.				
9.	Determines that client is ready for discharge and given postoperative instructions.				
10.	Answers client's questions and assures that client can return to clinic.				
SKILL/ACTIVITY PERFORMED SATISFACTORILY					

PARTICIPANT IS **QUALIFIED** **NOT QUALIFIED** TO PERFORM LAPAROSCOPIC TUBAL LIGATION UNDER LOCAL ANESTHESIA, BASED ON THE FOLLOWING CRITERIA:

- Score on Midcourse Questionnaire _____% (Attach Answer Sheet)
- Counselling and Clinical Skills Evaluation: Satisfactory Unsatisfactory
- Provision of Services (practice): Satisfactory Unsatisfactory

Trainer's Signature _____ Date _____

* Demonstration of assembly and disassembly of Laproscator and trocar may be required for qualification.

**CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION CLINICAL SKILLS FOR SCRUB NURSES
(ASSISTANTS)**

(To be completed by **Clinical Trainer**)

Place a ✓ in case box if step/task is performed **satisfactorily**, an X if it **not performed satisfactorily** or N/O if not observed.

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

Not Observed: Step or task or skill not performed by participant during evaluation by clinical trainer

PARTICIPANT _____ Course Dates _____

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION CLINICAL SKILLS FOR SCRUB NURSES					
STEP/TASK	CASES				
PRE-OPERATIVE					
1. Washes hands thoroughly with soap and water and dries with clean, dry cloth or allows them to air dry.					
2. Ensures that all supplies and equipment for monitoring vital signs are available.					
3. Prepares sterile or high-level disinfected instruments for procedure.*					
6. Performs surgical scrub and puts on sterile gown and sterile or high-level disinfected gloves.					
7. Prepares vaginal instruments for surgeon.					
8. Greets client respectfully.					
9. Takes and records vital signs.					
10. Assists with vaginal exam, preparation and insertion of Rubin's cannula.					
11. Verifies drug strength and withdraws local anesthetic.					
12. Applies antiseptic solution two times to incision site.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
DURING SURGERY					
1. Provides "verbal anesthesia" to client during procedure.					
2. Assists during surgery, working as a team with surgeon.					
3. Loads Falope Rings.					
4. Monitors client's discomfort or stress and reports any increase in discomfort or stress to surgeon.					

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION CLINICAL SKILLS FOR SCRUB NURSES					
STEP/TASK	CASES				
5. Records end time of surgery.					
6. Dresses wound.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
POSTOPERATIVE					
1. Checks that Rubin's cannula has been removed and placed in 0.5% chlorine solution.					
2. Checks final vital signs and ensures record is complete.					
3. Briefs ground nurse on client's condition.					
4. Takes instruments and decontaminates by soaking in 0.5% chlorine solution for 10 minutes.					
5. Decontaminates needle and syringe and either disposes of in puncture-proof container or processes for reuse.					
6. Briefly immerses gloved hands in chlorine solution and either disposes of gloves or decontaminates them.					
7. Washes hands thoroughly with soap and water and dries with clean, dry cloth or allows them air dry.					
8. Prepares instrument and table for next case.*					
9. Instructs client on wound care and return visit.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					

PARTICIPANT IS **QUALIFIED** **NOT QUALIFIED** TO ASSIST IN THE PERFORMANCE OF LAPAROSCOPIC TUBAL LIGATION UNDER LOCAL ANESTHESIA, BASED ON THE FOLLOWING CRITERIA:

- Score on Midcourse Questionnaire _____% (Attach Answer Sheet)
- Counselling and Clinical Skills Evaluation: Satisfactory Unsatisfactory
- Provision of Services (practice): Satisfactory Unsatisfactory

Trainer's Signature _____ Date _____

* Demonstration of assembly and disassembly of Laprocator and trocar may be required for qualification.

**CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION CLINICAL SKILLS FOR GROUND NURSES
(ANM/STAFF NURSES)**

(To be completed by **Clinical Trainer**)

Place a ✓ in case box if step/task is performed **satisfactorily**, an X if it **not performed satisfactorily** or N/O if not observed.

Satisfactory: Performs the step or task according to the standard procedure or guidelines

Unsatisfactory: Unable to perform the step or task according to the standard procedure or guidelines

Not Observed: Step or task or skill not performed by participant during evaluation by clinical trainer

PARTICIPANT _____ Course Dates _____

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION CLINICAL SKILLS FOR GROUND NURSES					
STEP/TASK	CASES				
PRE-OPERATIVE					
1. Washes hands thoroughly with soap and water and dries with clean, dry cloth or allows them to air dry.					
2. Greets client respectfully.					
3. Assists client onto operating table and positions her flat on her back.					
4. Helps assistant in withdrawing local anesthetic.					
5. Performs surgical scrub and puts on sterile gown and sterile or high-level disinfected surgical gloves.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
DURING SURGERY					
1. Provides "verbal anesthesia" to client during procedure.					
2. Anticipates and responds to needs of surgical team.					
3. Monitors client's discomfort or stress and reports any increase in discomfort or stress to operating doctor.					
SKILL/ACTIVITY PERFORMED SATISFACTORILY					
POSTOPERATIVE					
1. Briefly immerses gloves hands in chlorine solution and either disposes of or decontaminates them.					
2. Washes hands thoroughly with soap and water and dries with clean, dry cloth or allows them to air dry.					
3. Transfers client to the postoperative area.					
4. Introduces client to postoperative personnel.					

CHECKLIST FOR LAPAROSCOPIC TUBAL LIGATION CLINICAL SKILLS FOR GROUND NURSES									
STEP/TASK					CASES				
SKILL/ACTIVITY PERFORMED SATISFACTORILY									

PARTICIPANT IS **QUALIFIED** **NOT QUALIFIED** TO ASSIST IN THE PERFORMANCE OF LAPAROSCOPIC TUBAL LIGATION UNDER LOCAL ANESTHESIA, BASED ON THE FOLLOWING CRITERIA:

- Score on Midcourse Questionnaire _____% (Attach Answer Sheet)
- Counselling and Clinical Skills Evaluation: Satisfactory Unsatisfactory
- Provision of Services (practice): Satisfactory Unsatisfactory

Trainer's Signature _____ Date _____