



Advanced MIS, Robotic & Ablation Society  
of Gynaecologists Malaysia

# AMRAS – SAYGE Certification (ASC) Guideline

## Procedure: Endometriosis Surgery (ES)

*An up-to-date AMRAS Membership Subscription  
is compulsory in order to apply for certification*

**Prepared by: AMRAS**

The Advanced MIS, Robotic & Ablation Society of Gynaecologists Malaysia

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+6012 211 3342

[secretariat@amras.org.my](mailto:secretariat@amras.org.my) / [www.amras.org.my](http://www.amras.org.my)



Level 2, Women's Clinic, 110, Jalan Professor Khoo Kay Kim Seksyen 19, 46300, Petaling Jaya, Selangor, Malaysia

### **Important Disclaimer:**

ASC Steps 1-3 and CCT are aimed at surgical training of candidate. ASC and certificate of completion of training (CCT) marks candidate's successful completion of stringent preset requirements by AMRAS to be awarded certificate as recognition to candidates' dedication and ability to perform said procedure(s) to satisfaction of expert surgeons/proctors in respective field(s). The certificates do not replace the need for individual credentialing and privileging of surgeon by his/her place of practice with approval of relevant hospital credentialing & privileging committee before performing said procedure(s).

### **Current ASC ES Proctors List**

- I. Dr Tan Ee Ping
- II. Dr Sharifah Halimah Jaafar
- III. Dr Chua Peng Teng

### **Expenses and Cost incurred to candidate:**

1. **Registration for Endometriosis Masterclass workshop is compulsory to embark on ASC step 1 Endometriosis Surgery certification. Workshop registration fee includes Step 1 application fee**

**Consists of 3 components that candidates need to complete before being allowed to proceed to step 2 (i.e. components 1a, 1b, 1c).**

**1a) Masterclass in Endometriosis** current registration fee: RM1000

(For candidate who fail step 1 – repeat/resit registration fee at RM500 for subsequent Step 1 course).

**1b) Cadaveric lab (with focus on Pelvic Dissection)** – Organised by AMRAS or other organisations aimed for gynaecology surgery. Expenses/registration fees differ.

**1c) Diagnostic Ultrasound in Endometriosis** – Organised by AMRAS or other organisations which include hands-on. Expenses/registration fees differ.

Step 2: Application Fee: RM1000

Step 3: Application Fee: RM 1000

## **ASC Step 1:**

### **1a) Masterclass in Endometriosis - curriculum**

#### ***Cutting-Edge Research in Endometriosis***

Emerging Insights into the Pathogenesis of Endometriosis and Treatment Strategies

#### ***Precision Anatomy Session I***

Exploring Pelvic Spaces with Clarity

#### ***Precision Anatomy Session II***

Dissecting the Intricacies: Blood Supply & Nerve Architecture

#### ***Advancing Surgical Techniques in Cyst Management***

Ovarian Endometriotic Cysts: Surgical Options and Impact on AMH Levels

#### ***Masterclass in Deep Endometriosis Surgery***

Preserving Hope: A Step-by-Step Approach to Deep Endometriosis

#### ***Focus on Emerging Clinical Challenges***

Urinary Tract Endometriosis: Diagnostics & Surgical Solutions

#### ***Expanding Multidisciplinary Horizons***

Bowel Endometriosis: Integrating Surgical Expertise

#### ***Revolutionizing Imaging Techniques***

Innovative Ultrasound Approaches in Deep Endometriosis: The IDEA Trial

#### ***Unlocking the Enzian Classification: Local Data-Driven Insights for Endometriosis Management***

#### ***Illuminating the Future with Laser Technology***

Laser Energy and Its Medical Applications in Endometriosis.

#### ***Bridging Technology and Practice***

Lasers and Fibres in Gynaecology

#### ***Interactive Dry Lab Demonstration***

Step into a simulated lab environment designed to let you practice the techniques and strategies discussed throughout the day.

**\*Minimum pass mark 80% in theoretical test / written test to be awarded step 1 certificate**

**1b) Cadaveric lab (with focus on pelvic dissection) Certificate**

Cadaveric lab for hands-on dissection of the ureter, uterine artery and pelvic anatomical spaces. This can be organised by AMRAS or other organisations. Candidates attend such workshops by own effort & expense. Proof of certification is required before allowed to proceed to the next step. In the event Endometriosis Committee deem the certification provided by candidate does not fulfil pass criteria, committee will recommend remedial action and/or other available recognized certification programmes that candidate should attend and re-apply for step 1 after completion of prescribed requirement.

**1c) Deep Endometriosis Ultrasound Course Certificate**

Ultrasound course with hands-on performance on real live patients is required to identify endometriosis in the posterior, central and anterior compartment. This can be organised by AMRAS or other organisations. Candidates attend such workshops by own effort & expense. Proof of certification is required before allowed to the next step. In the event Endometriosis Committee deem the certification provided by candidate does not fulfil pass criteria, committee will recommend remedial action and/or other available recognized certification programmes that candidate should attend and re-apply for step 1 after completion of prescribed requirement.

**\*Upon completion of 3 components 1a-1b-1c, candidate to submit certificates for all 3 components to AMRAS secretariat which will then undergo vetting process by AMRAS Endometriosis Surgery committee. Endometriosis Surgery Committee will then award ASC step 1 certificate in Endometriosis Surgery to candidate. In case of unsuccessful application, AMRAS Endometriosis Surgery Committee will inform candidate of remedial actions (e.g.: to resit or retake all or parts of components that fail to satisfy pass requirement for step 1 certification)**

**ASC Step 2**

Candidate apply in writing to AMRAS secretariat with step1 certificate + RM1000 application fee (payable to AMRAS)

AMRAS Endometriosis Surgery Committee Chairman/Vice Chairman assigns proctor to candidate

**Candidate can then choose, either to:**

(i) Engage Proctor directly and make arrangements with proctor- i.e.: Proctor gets paid surgeon fee equivalent of procedure, proctor accommodation and travel covered by candidate. Candidate can make as many sessions to fulfill pass requirement as needed with proctor, by own arrangement. Cases can be performed in candidate's hospital or proctor's hospital, depending on the discussion between proctor and candidate.

(ii) Apply for AMRAS educational partner support for proctor's accommodation and travel expenses. Proctor gets paid surgeon fee equivalent of procedure. Candidate can make as many sessions to fulfill pass requirement as needed with proctor, by own arrangement. Cases can be performed in candidate's hospital or proctor's hospital, depending on the discussion between proctor and candidate. AMRAS Educational partner may only cover one session or more sessions depending on case-to-case basis.

**STEP 2: CASE-MIX and requirements**

Recommended total 10 to 20 cases of actual surgery observation/ Assisting AMRAS recognized Proctor, with following case – mix:

***Case-mix need to include 3 to 5 cases of each of the following procedures:***

Procedures with asterix (\*) are core competency procedures which should form at least 50% of total submitted case-mix by candidate.

See following page for procedures' list

| <b>Procedure</b>  | <b>Case Requirement</b> | <b>Notes</b>                             |
|---|-------------------------|--|
| Ovarian cystectomy*                                       | 3 to 5 cases            | Pre-operative impression of Endometrioma |
| Laser vaporisation of ovarian cyst                        | 3 to 5 cases            | Pre-operative impression of Endometrioma |
| Alcohol sclerotherapy of Ovarian cyst                     | 3 to 5 cases            | Pre-operative impression of Endometrioma |
| Adenomyomectomy   | 3 to 5 cases            |  |
| Microwave ablation of adenomyosis / Uterine Endometriosis | 3 to 5 cases            |  |
| Ureteric ICG injection                                    | 3 to 5 cases            |  |
| Ureterolysis*   | 3 to 5 cases            |  |
| Dissection of the posterior* compartment and spaces       | 3 to 5 cases            |  |
| Dissection of the anterior compartment and spaces         | 3 to 5 cases            |  |
| Bowel shaving and repair                                  | 3 to 5 cases            |  |
| Bowel Discoid resection                                   | 3 to 5 cases            |  |
| Bowel Segmental resection                                 | 3 to 5 cases            |  |

|   |              |  |
|---|--------------|--|
| Bladder excision and repair   | 3 to 5 cases |  |
| Excision of ureteric endometriosis and/or repair/re-implantation              | 3 to 5 cases |  |
| Other extra-pelvic endometriosis (intestinal / Diaphragm etc)                 | Optional     |  |
| Excision/resection of other pelvic endometriosis/lesions (e.g.: uterosacral)* |              |  |
| Hysterectomy/Modified Radical Hysterectomy in Endometriosis*                  | 3-5 cases    |  |
| Post-operative in-patient management  | As required  | Monitoring and management of complications |

**(Appendix 1: Candidate logbook)**

Logbook of procedures to be maintained by candidate

**(Appendix 2: Proctor report on candidate performance)** and whether Pass/Remedial needed to complete step 2

Proctors report on candidate performance, written assessment – these to be submitted to AMRAS Endometriosis Surgery Committee Chairman/Vice Chairman for final approval.

***Once approved by Endometriosis Surgery Committee Chairman/ Vice Chairman - candidate is awarded step 2 certificate***

**ASC Step 3**

Candidate apply in writing to AMRAS secretariat with step 1 and 2 certificate + RM1000 application fee (payable to AMRAS)

***\*Subsequent Flow similar to Step 2***

**Candidate can then choose, either to:**

(i) Engage Proctor directly and make arrangements with proctor- i.e.: Proctor gets paid surgeon fee equivalent of procedure, proctor accommodation and travel covered by candidate. Candidate can make as many sessions to fulfil pass requirement as needed with proctor, by own arrangement. Cases can be performed in proctor’s hospital or candidate’s hospital, as per discussion between proctor and candidate.

(ii) Apply for AMRAS educational partner support for proctor’s accommodation and travel expenses. Proctor gets paid surgeon fee equivalent of procedure. Candidate can make as many sessions to fulfill pass requirement as needed with proctor, by own arrangement. Cases can be performed in candidate’s hospital or proctor’s hospital, depending on the discussion between proctor and candidate.

### STEP 3: CASE-MIX and requirements

Recommended total 10 to 20 cases of actual surgery performed under supervision by AMRAS recognized Proctor, with following case – mix:

**Case-mix need to include 3 to 5 cases of each of the following procedures:**

Procedures with asterix (\*) are core competency procedures which should form at least 50% of total submitted case-mix by candidate.

See following page for procedures' list

| Procedure  | Case Requirement | Notes                                      |
|--|------------------|--|
| Ovarian cystectomy*  | 3 to 5 cases     | Pre-operative impression of Endometrioma   |
| Laser vaporisation of ovarian cyst   | 3 to 5 cases     | Pre-operative impression of Endometrioma   |
| Alcohol sclerotherapy of Ovarian cyst  | 3 to 5 cases     | Pre-operative impression of Endometrioma   |
| Adenomyomectomy  | 3 to 5 cases     |  |
| Microwave ablation of adenomyosis / Uterine Endometriosis                      | 3 to 5 cases     |  |
| Ureteric ICG injection   | 3 to 5 cases     |  |
| Ureterolysis*  | 3 to 5 cases     |  |
| Dissection of the posterior* compartment and spaces                            | 3 to 5 cases     |  |
| Dissection of the anterior compartment and spaces                              | 3 to 5 cases     |  |
| Bowel shaving and repair   | 3 to 5 cases     |  |
| Bowel Discoid resection  | 3 to 5 cases     |  |
| Bowel Segmental resection  | 3 to 5 cases     |  |
| Bladder excision and repair  | 3 to 5 cases     |  |
| Excision of ureteric endometriosis and/or repair/re-implantation               | 3 to 5 cases     |  |
| Other extra-pelvic endometriosis (intestinal / Diaphragm etc.)                 | Optional         |  |
| Excision/resection of other pelvic endometriosis/lesions (e.g.: uterosacral) * |                  |  |
| Hysterectomy/Modified Radical Hysterectomy in Endometriosis*                   | 3-5 cases        |  |
| Post-operative in-patient management   | As required      | Monitoring and management of complications |

**(Appendix 1: Candidate logbook)**

Logbook of procedures to be maintained by candidate

**(Appendix 2: Proctor report on candidate performance)** and whether Pass/Remedial needed to complete step 3

Proctors report on candidate performance, written assessment – these to be submitted to AMRAS Endometriosis Surgery Committee Chairman/Vice Chairman for final approval.

***Once approved by Endometriosis Surgery Committee Chairman/ Vice Chairman - candidate is awarded step 3 certificate***

**NOTE: Exemptions:**

**Exemption from Step 1:**

Candidates may apply to Endometriosis Surgery committee in writing to request for exemption from all or parts of components for step 1 and Endometriosis committee will decide if candidate can be exempted based on prior qualifications/demonstrable track record, or if candidate has passed relevant basic tests or courses organised by equivalent society/bodies (e.g.: candidate already attended the Endometriosis Workshop prior to the commencement of ASC, or, Endometriosis workshops organised by other organisation recognised by AMRAS).

***\*Decision by Endometriosis Surgery Chairman and Vice Chairman is final.***

**Exemption from Step 2:**

Candidates are allowed to skip Step 2 and directly proceeding to Step 3 certification process provided candidate demonstrates confidence and ability to perform procedure as primary surgeon under supervision to proctor, and proctor supervises candidate as per step 3 protocol.

**Exemption from achieving recommended 10 to 20 cases required for Step 3**

If proctor deems candidate is ready / qualified to be passed for step 3 of certification despite not achieving recommended case numbers of 10 to 20, based on case-to-case basis, proctor to write in to Endometriosis Surgery committee chairman / vice chairman and recommend as such and final decision will be made by Endometriosis Surgery committee Chairman/ Vice Chairman whether candidate is allowed to be passed for said step without adequate case numbers.

***\*Decision by Endometriosis Surgery Chairman and Vice Chairman is final.***

**For candidates who are not able to complete required case numbers for step 3 in presence of proctor in 1 setting:**

Candidate to request to proctor for belows: (Subject to Proctor Approval)  
Candidate records every unedited videos of surgery performed + logbook of procedures and submit to assigned proctor for evaluation (to reach recommended numbers of at least 10-20 cases or to satisfaction of assigned proctor)

**Certificate of Completion of Training (CCT) in Endometriosis Surgery for Gynaecologist.**

Is awarded to candidate who have completed step 1 – 3 with demonstration of confidence & competency in performing said procedure (AMRAS Endometriosis Surgery committee will receive assigned proctor recommendations, vet candidate performance and award CCT to candidate)

***\*Decision by Endometriosis Surgery Committee Chairman/Vice Chairman is final.***

Candidates who are deemed not successful in certification will need to resit all or parts of Steps 1 -3 based on recommendation by Endometriosis Surgery Committee Chairman/Vice Chairman to be considered for award CCT in another attempt.

**Proctors in Endometriosis Surgery (ES) programme:**

Doctors who have satisfactorily completed ASC Step 1-3 Endometriosis Surgery and obtained CCT ES by AMRAS, after completion of 50 cases performed as primary surgeon will be eligible to be elected by Endometriosis Surgery Committee Chairman/Vice Chairman to act as proctors.

Doctors who do not undergo the ASC training programme and certification but deemed qualified to be proctors based on track-record, demonstrable qualifications/experience may be considered by Endometriosis Surgery Chairman/Vice Chairman on case-to-case basis to be elected as proctor for procedure.

**Appendix 1**  
Candidate Log Book

ASC Programme: Endometriosis Surgery

Step 2 / Step 3

| Date | Patient RN | Diagnosis | Procedure | Candidate status (O/A/P) | Remarks / Others |
|------|------------|-----------|-----------|--------------------------|------------------|
|      |            |           |           |                          |                  |
|      |            |           |           |                          |                  |
|      |            |           |           |                          |                  |
|      |            |           |           |                          |                  |
|      |            |           |           |                          |                  |

**O** - Observed

**A** - Assisted Proctor

**P** - Performed under supervision as primary surgeon

Procedure:

**As listed in case mix requirements' list**

Proctor's Signature

\_\_\_\_\_

Name:

Designation:

Date: ..... / ..... / ..... (day/month/year)

**Appendix 2:**

Proctor Report on Candidate Performance (Confidential)

ASC Programme: Endometriosis Surgery

Step 2 / 3

Candidate Name: \_\_\_\_\_

Candidate IC/RN: \_\_\_\_\_

**ASSESSMENT OF KNOWLEDGE, ATTITUDES AND FULFILLMENT OF TASKS, ABILITY TO SAFELY PERFORM PROCEDURE AS SURGEON**

| <b>SUPERVISOR ASSESSMENT</b>   |                                   |
|--|-----------------------------------|
|  | PASS (P) /<br>REMEDIAL NEEDED (R) |
| <b>Motivation, sense of duty, discipline, punctuality</b>  |                                   |
| <b>Technical skills</b>  |                                   |
| <b>Integrated Knowledge on Procedure</b>   |                                   |
| <b>Relationship with medical and other staffs</b>  |                                   |
| <b>Completed required case numbers</b>   |                                   |
| <b>Comprehensive Knowledge or demonstration of ability to manage difficult situations / Complications that may arise</b> |                                   |
| <b>Ability to carry out procedure safely as primary surgeon</b>  |                                   |
| <b>Adequate record keeping/ consent taking</b>   |                                   |

Note: Candidate must Pass in all categories to pass the particular step of assessment

Other comments/ recommendation from proctor for remedial (if any) by candidate:

\_\_\_\_\_

Proctor's Signature

\_\_\_\_\_

Name:

Designation:

Date: ..... / ..... / ..... (day/month/year)

## APPLICATION FORM

AMRAS – SAYGE Certification (ASC)  
Endometriosis Surgery  
ES Programme

### 1. Applicant Details

Full Name : \_\_\_\_\_  
NRIC/Passport No. : \_\_\_\_\_  
Medical Registration No. : \_\_\_\_\_  
Hospital / Institution : \_\_\_\_\_  
Designation : \_\_\_\_\_  
Email Address : \_\_\_\_\_  
Mobile Number : \_\_\_\_\_  
Mailing Address : \_\_\_\_\_

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### 2. Application Type (Please tick the appropriate box)

#### Step 1: ES Workshop

- First-time Registration – RM 1000
- Resit (Repeat Candidate) – RM 500
- Step 2:** Proctorship Observation/Assistance – RM 1000
- Step 3:** Supervised Performance Assessment – RM 1000

### 3. Documents Checklist

- Curriculum Vitae (CV) (for Step 1 application)
- Proof of Payment (bank slip)
- Application Form
- Step 1a - Endometriosis Masterclass certificate
- Step 1b - Cadaveric lab (with focus on pelvic dissection) certificate
- Step 1c - Deep endometriosis Ultrasound course certificate

- Step 1a-c Certificate (for Step 1 application)
- Step 2 Certificate (for Step 3 application)
- Logbook (for Step 2)
- Logbook (for Step 3)
- Completed Proctor Report (if applicable)

#### **4. Payment Information**

Payment must be made to:

Account Name: AMRAS OF GYNAECOLOGISTS MALAYSIA  
Bank: UOBM JALAN AMPANG  
Bank Address: CITIBANK TOWER, 165, JALAN AMPANG, 50450,  
KUALA LUMPUR  
MYR Account No.: 560-300-576-8  
USD Account No.: 560-900-381-3  
Swift Code: UOVBMYKL

#### **5. Declaration**

I, the undersigned, hereby apply for participation in the ASC ES Programme as specified above. I declare that the information provided is accurate and complete. I agree to comply with the requirements and terms set by AMRAS and understand that the decision of the AMRAS Endometriosis Surgery Committee Chairman/Vice Chairman is final.

Full Name: \_\_\_\_\_

NRIC/Passport No.: \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

Date: \_\_\_\_\_

Submit Completed Application To:

#### **AMRAS Secretariat**

Email: [secretariat@amras.org.my](mailto:secretariat@amras.org.my)  
Phone: +6012 211 3342  
Address: Level 2, Women's Clinic, 110, Jalan Professor Khoo Kay Kim,  
Seksyen 19, 46300 Petaling Jaya, Selangor, Malaysia  
Website: [www.amras.org.my](http://www.amras.org.my)