



## FEBVS LOGBOOK

Maastricht 2020

### INTRODUCTION

The FEBVS logbook is a key part of the examination and is required to ensure that all applicants have had sufficient open and endovascular experience as the principal operator.

For Data Protection Rules (General Data Protection Regulation, GDPR) **all** adult patient identifiers (Name, Date of Birth, Hospital Numbers etc) should be removed from the logbook and patients aged between 0-13 (Rules vary within individual countries) should not be included in the logbook.

The applicant should, however, take steps to ensure that the procedures can be verified by the hospital/universities and those individuals who sign off the logbook.

### Definitions

- A. An open vascular surgical procedure is a procedure that requires surgical exposure of one or more arteries or veins for:
1. The correction of arterial or venous diseases, deformities or defects
  2. The repair of arterial or venous injury
  3. The treatment of other diseases requiring arterial or venous reconstruction

#### Notes:

- *Not all open vascular procedures that meet the terms of this definition can be included in the Logbook (refer to further specifications below).*
- *A single vascular operation can consist of more than one procedure and these can be counted separately if this is considered appropriate. In this case, the individual procedures must be entered in the Logbook consecutively and they must be clearly marked to entail a single vascular operation.*
- *Thoracic outlet decompression including excision of cervical and/or first ribs, sympathectomy, amputation (parts) of limbs, excision and skin grafting of leg ulcers are acknowledged as an integral part of vascular surgery but should **NOT** be recorded in the Logbook since these are not "open surgery" as defined above.*

- B. An endovascular surgical procedure is a procedure that requires the use of guide wires and/or catheters in one or more arteries or veins and fluoroscopy guidance for:
1. The correction of arterial or venous diseases, deformities or defects
  2. The repair of arterial or venous injury
  3. The treatment of other diseases requiring guide wire/catheter manipulations in arteries or veins



*Notes:*

- *Not all endovascular procedures that meet the terms of this definition can be included in the Logbook (refer to further specifications below).*
- *A single endovascular intervention can consist of more than one procedure and these can be counted separately if this is considered appropriate. In this case, the individual procedures must be entered in the Logbook consecutively and they must be clearly marked to entail a single endovascular intervention.*

- C. The essential steps of an open or endovascular vascular procedure are
1. Exposure or acquisition of access
  2. Control or maintenance of access
  3. Morphological definition of the pathology
  4. Vascular intervention (Reconstruction, Replacement, Repair, Explantation)
  5. Completion Quality Assurance
  6. Closure
- D. The principle operator for both open and endovascular procedures is the person who performs the majority of the essential steps of the procedure.
- E. Open vascular and endovascular surgical procedures are both classified into three levels, based on how much specific training or experience would be required for a typical procedure of its kind:
- I. Basic: procedures requiring little or no specific training or experience
  - II. Intermediate: procedures requiring specific training or experience
  - III. Advanced: procedures requiring advanced training or experience

This results in 6 separate pages listing basic, intermediate and advanced open vascular procedures and basic, intermediate and advanced endovascular procedures. The most advanced level of the procedure performed is counted (i.e. if carotid endarterectomy is performed the vascular exposure cannot be counted separately as a basic procedure: only the class III procedure is scored).



## **OPEN VASCULAR PROCEDURES**

### **I. BASIC**

- Elements of arterial procedures: i.e. one anastomosis or arterial exposure without further reconstruction
- Upper and lower limb Embolectomy/Thrombectomy with or without patch closure
- Surgical treatment of varicose veins
- Miscellaneous:
  - Ligation (e.g. of traumatic bleed)
  - Suture closure (e.g. false aneurysm)

### **II. INTERMEDIATE**

- Bypass (anatomic or extra-anatomic), endarterectomy (open or remote), patching, interposition, or other reconstruction of stenotic, occlusive, or aneurysmal disease at the following levels; femoral, popliteal or infra-axillary arteries and any sequential combination of these levels
- Surgical treatment of varicose veins with perforator incompetence procedures
- Access surgery (e.g. arterio-venous fistula without graft ) (excl. catheters)

### **III. ADVANCED**

- Bypass (anatomic or extra-anatomic), endarterectomy, patching, interposition, or other reconstruction of stenotic, occlusive, or aneurysmal disease of supra-aortic trunks, thoracic, juxta-suprarenal-infrarenal abdominal aorta, iliac, tibial, or pedal arteries and any sequential combination of these levels
- Surgical treatment of glomus tumors
- Visceral arteries procedures (incl. embolectomy/thrombectomy)
- Access surgery (e.g. prosthetic arterio-venous fistula with graft )
- Deep Venous reconstructions (except all superficial venous and perforator incompetence procedures)
- Vascular reconstructions for graft/stent infection
- Microvascular repair of small blood vessels
- Renal, liver, or pancreas transplantation



## **ENDOVASCULAR PROCEDURES**

### **I. BASIC**

- PTA with or without stent placement of stenotic lesions at the following levels: Iliac, femoral, popliteal (or transition zones) arteries
- Endovenous treatments of varicose veins

### **II. INTERMEDIATE**

- PTA with or without stent placement of arterial occlusion at the following levels: Iliac, femoral, popliteal (or transition zones) arteries
- PTA with or without stent placement of stenotic or occlusive lesion at the following levels:  
tibial or pedal arteries, upper limb arteries, arterio-venous fistula (or transition zones)
- Stent-graft placement in iliac, femoral and popliteal arteries
- Fluoro-assisted thrombectomy (open or percutaneous)
- Thrombolysis for arterial/venous thrombosis
- Vena cava filter placement and Vena cava filter retrieval

### **III. ADVANCED**

- PTA with or without stent placement of stenotic or occlusive lesion at the levels of abdominal aorta
- PTA with or without stent placement of stenotic or occlusive lesion at the levels of supra-aortic trunks
- Any kind of aortic stentgraft (EVAR, F/BEVAR, TEVAR etc)
- Visceral arteries endovascular procedures
- Endovascular procedures at the levels of central veins
- Any kind of endovascular thoracic aortic procedure without implantation of aortic stent graft (i.e. support for the heart failure, for the regeneration of organs for transplantation purposes etc)
- Coil-embolisation / detachable balloons, etc



**This page is mandatory**

<b>OPEN</b>	<b>NUMBERS</b>	<b>REQUIRED</b>
I		40
II		30
III		10
<b>Total</b>		<b>80</b>
<b>ENDO</b>	<b>NUMBERS</b>	<b>REQUIRED</b>
I		40
II		30
III		10
<b>Total</b>		<b>80</b>



**OPEN / ENDOVASCULAR PROCEDURE I / II / III**  
**(all 6 forms separate for every training location)**

**NAME OF THE CANDIDATE (print):**  
**SIGNATURE (compulsory)**

**HOSPITAL:**  
**TOWN:**

**COUNTRY:**

**Director Trainer Programme (print):**  
**SIGNATURE (compulsory)**

**Director of the Department (print):**  
**SIGNATURE (compulsory)**



**PLEASE COPY THIS PAGE SIX TIMES, ONE COPY FOR EVERY PROCEDURE**

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		Age	Gender	
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European Union of Medical Specialists

**SECTION AND BOARD OF VASCULAR SURGERY**



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