

International Variations in PAD Treatment

Registry:

Item / Variable	Registry or Claims Data	Available Annual Data	Comments, limitation, local definition
BASICS			
Inpatient vs. ambulatory			
Mode of admission			
Length of stay			
Age			
Sex / Gender			
Functional status			
Fontaine classification			
Rutherford classification (or modified)			
WIFI-Score (Wound, Ischemia, Foot Infection)			
Ankle-Brachial-Index			
Target: Genuine vessel or graft			
RISK FACTORS			
Diabetes			
Renal function			
Dialysis			
Smoking (current vs. ever)			
Hypertension			
Coronary artery disease (CAD)			
Congestive heart failure (CHF)			
Chronic obstructive pulmonary disease (COPD)			
History of myocardial infarction			
History of amputation			
Open wound or wound infection			
History of acute limb ischemia			
History of vascular procedures			
History of stroke or TIA			
Body-Mass-Index or Obesity			
Atrial fibrillation or flutter (AF)			
TREATMENT	We need information on what is available (external validity) in your registry: OR, ER, both? What is the target population?		
Grade of stenosis (at least stenosis vs. occlusion)			
Location of the treated index lesion (at least suprainguinal, ATK, BTK)			
Approach: OR vs ER vs Hybrid			
Type of ER, Type of OR			
ER: PTA alone, DCB, BMS, DES, Covered Stent, Mech. Thrombectomy, other			
OR: Femoral endarterectomy, Vein graft bypass, Prosthetic graft bypass			
Bypass: Distal anastomosis			
Bypass: Surgical site infection			
Treatment aborted or incomplete?			

Item / Variable	Registry or Claims Data	Available Annual Data	Comments, limitation, local definition
Acute conversion ER to OR and vice versa			
Thrombolysis			
Radiation dosage (dose-area product)			
Platelet inhibitors?			
Oral anticoagulants?			
PROCEDURE RELATED-EVENTS	During primary hospitalisation/in-hospital or 30-days of the procedure		
Death			
Major amputation (above ankle)			
Minor amputation (below ankle)			
Re-operation or Re-intervention			
Stent or graft thrombosis			
Distal embolization			
Pseudoaneurysm			
Dissection			
Bleeding			
Myocardial infarction			
Wound infection or graft infection			
Stroke or TIA			
Acute renal replacement therapy			
Acute renal insufficiency			
Acute limb ischemia			
Compartment syndrome			
Perforation			
OUTCOMES	after 30-days of the procedure (what is available within your registry?)		
Limb salvage			
Patency			
MACE (myocardial infarction, stroke, death)			
Re-operation or Re-intervention			
Device fracture or rupture			
Re-admission / Rehospitalization			
MALE (index extremity, major amputation, major re-intervention)			
Quality of life			
Ankle-Brachial-Index (ABI)			

Further questions:

Do you collect **additional items** to share within this project?

How long will it take to submit the dataset to the collaboration?

Any **costs**?

What is the **target population** of the local dataset (e.g. procedures of vascular surgeons only)?

How many ER or OR for PAD are available in the local dataset?

Any external or/and internal **validation** of the data available?

30-day or in-hospital data available?

Duration of **follow-up** data?