SUPPLEMENTAL MATERIAL

Table S1. A list of all variables used during clustering / phenomapping.

Demographics	Age	Sex	
Basic clinical information	Localisation Thrombus present Inflow quality	PAA Diameter Signs and symptoms Outflow vessels	PAA Length Type of presentation presentation
Comorbidities	AAA Arterial Hypertension Dialysis Smoking Contralateral PAA	Cardial disease History of stroke Diabetes Obesity Other arterial aneurysm	History of myocardial infarction Chronic kidney disease Pulmonary disease Malignant disease

PAA = popliteal artery aneurysm, AAA = abdominal aortic aneurysm.

Figure S1. K optimization efforts that resulted in 2 (A) or 6 (B) clusters including symptoms and 6 (C) excluding symptoms. D-F show the respective plots for dimension 1 and 2 depicting the clusters.