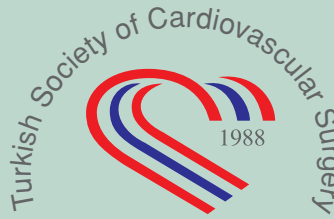


VASCULAR ACCESS



Erasmus+

1) PREOPERATIVE DATA

Demographic	Institution	
	Patient number	
	Age (years)	
	Sex Female	
	Body mass index (kg/m ²)	

Comorbidities	Hypertension	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
	Diabetes mellitus	Treatment 1. Diet 2. Oral antidiabetics 3. Insulin		
	Coronary artery disease	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
	Heart failure	NYHA2 <input type="checkbox"/> NYHA3 <input type="checkbox"/> NYHA4 <input type="checkbox"/>		
	Hypotension	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
	Smoking	1-Never <input type="checkbox"/> 2-Ex-smoker (>1 month) <input type="checkbox"/> 3-Current smoker <input type="checkbox"/>		

Medical treatment	Anticoagulation		
	Platelet inhibition		
	Calcium channel blockers		
	ACE inhibitors, ARB		
	Immunosuppression		
	Previous kidney transplant	Yes <input type="checkbox"/>	No <input type="checkbox"/>

ACE: Angiotensin converting enzyme; ARB: Angiotensin receptor blockers.

Preoperative laboratory results	Hemoglobin (g/dL)	
	Hematocrit (%)	
	Plt ($10^9/L$)	
	WBC (μL)	
	PT (sec)	
	aPTT (sec)	
	INR	
	AST (U/L)	
	ALT (U/L)	
	Total bilirubin ($\mu mol/L$)	
	Albumin (g/L)	
	CRP (mg/L)	
	Creatinine (mg/dL)	
	Urea (mg/dL)	
	Glomerular filtration rate (mL/min/1.73 m ²)	
	Potassium (mmol/L)	
	Phosphorus (mmol/L)	
	Calcium (mmol/L)	
	Ferritin (mg/L)	
	Iron binding capacity ($\mu g/dL$)	
	Folic acid (ng/mL)	
	Vitamin B12 (pg/mL)	
	Fibrinogen (mg/dL)	
	D-dimer (ng/mL)	
	HbA1c (%)	

Preoperative ultrasonographic measurements	Target artery diameter (mm)
	Target vein diameter (mm)
	Target artery flow (mL/min)

2) PERIOPERATIVE DATA

Non-dominant arm replacement			
AVF localization at the forearm	Proximal	Mid	Distal
Artery diameter	≥2 mm		
Vein diameter	2-2.5 mm	2.5-3 mm	≥3 mm
Artery flow	Good		
Arterial calcification	Severe	Moderate	Mild
Thrill after anastomosis			
AVF: Arteriovenous fistula.			

Erasmus+

3) POSTOPERATIVE DATA

Hematoma		
Seroma	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Infection	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Hand ischemia	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Neuropathy	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Primary failure	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Secondary failure	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Type of salvage procedure before utilization	Surgery <ul style="list-style-type: none"> • Proximalization • Re-do anastomosis • Open thrombectomy • Side branch ligation • Multiple PTA <ul style="list-style-type: none"> • Balloon • Balloon + stent 	
Type of salvage procedure after utilization	Surgery <ul style="list-style-type: none"> • Flow reduction • Re-do anastomosis • Open thrombectomy • Side branch ligation • Aneurysm resection • Aneurysmoplasty • Multiple PTA <ul style="list-style-type: none"> • Balloon • Balloon + stent 	
Primary failure included 6 months Primary patency Secondary patency 12 months Primary patency Secondary patency 24 months Primary patency Secondary patency Primary failure excluded 6 months Primary patency Secondary patency 12 months Primary patency Secondary patency 24 months Primary patency Secondary patency		
PTA: Percutaneous transluminal angioplasty.		