



Pierre BOURQUELOT, Paris

TRANSPPOSITION OF THE RADIAL ARTERY FOR ELBOW FISTULA HIGH-FLOW

Pierre Bourquelot

- No disclosure



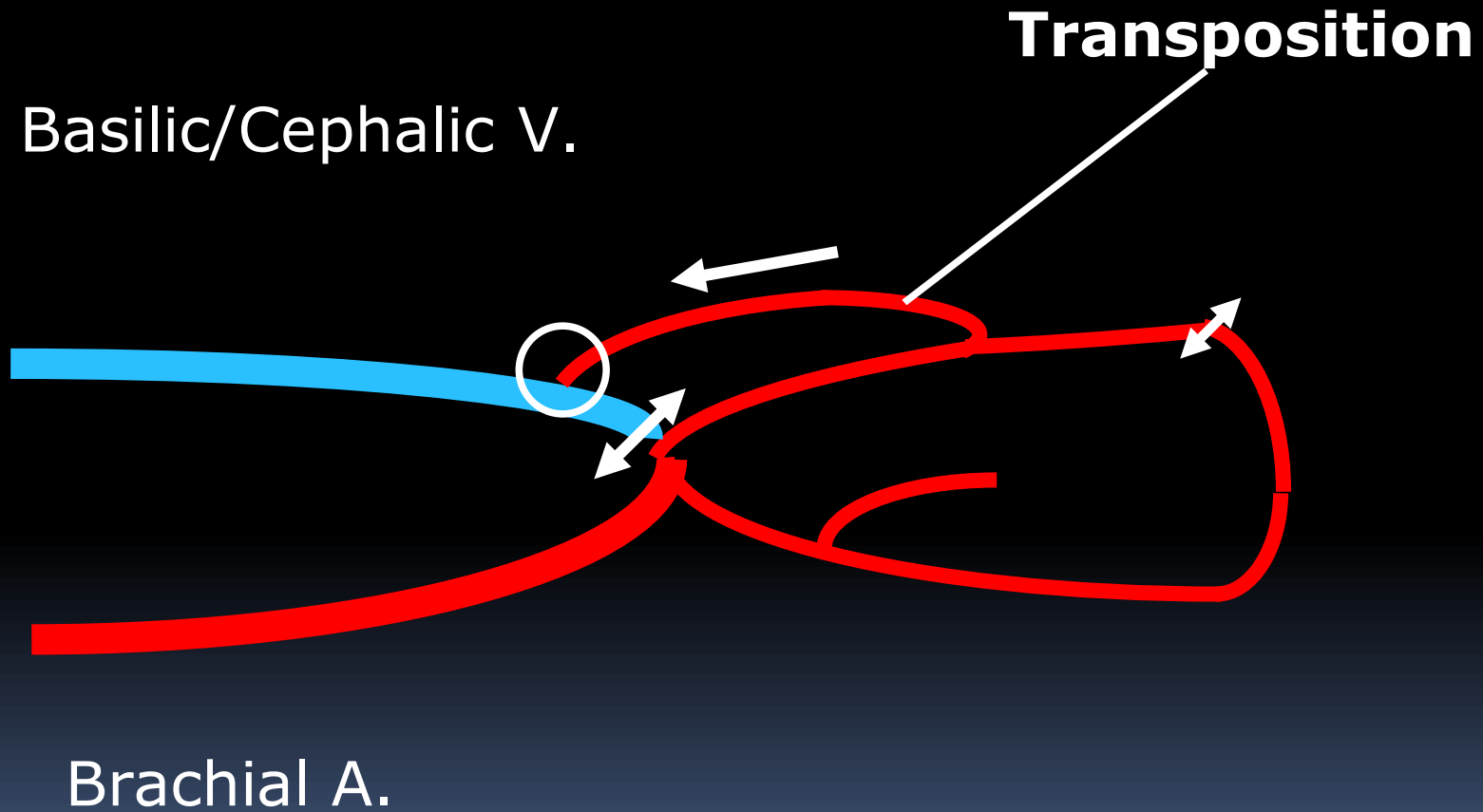
**10th Congress
of the Vascular Access Society**

April 5–8, 2017 | Ljubljana, Slovenia
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ABSTRACT SUBMISSION +REDUCED FEE DEADLINES EXTENDED TILL
JANUARY 31

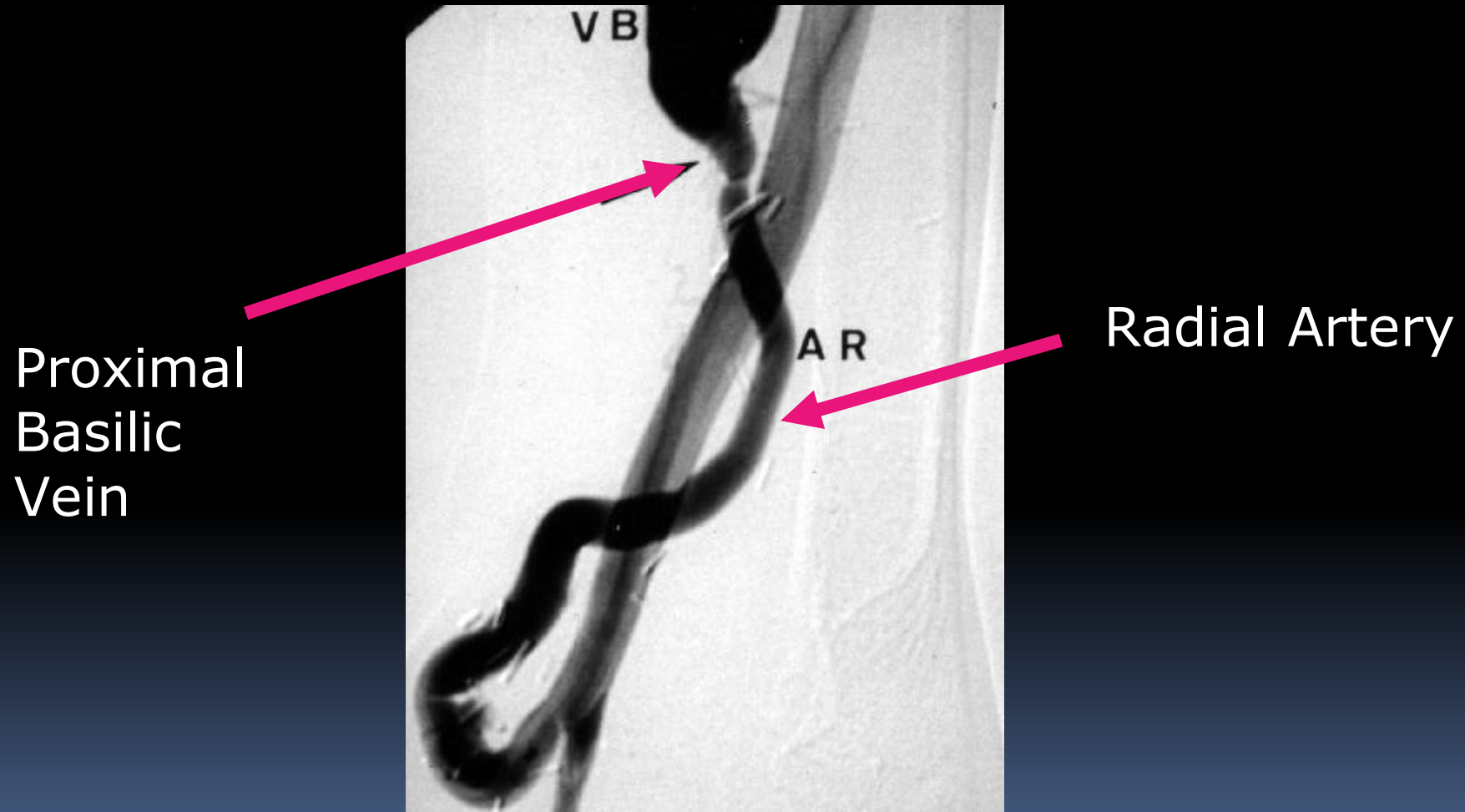
Transposition de l'artère radiale



Transposition de l'artère radiale



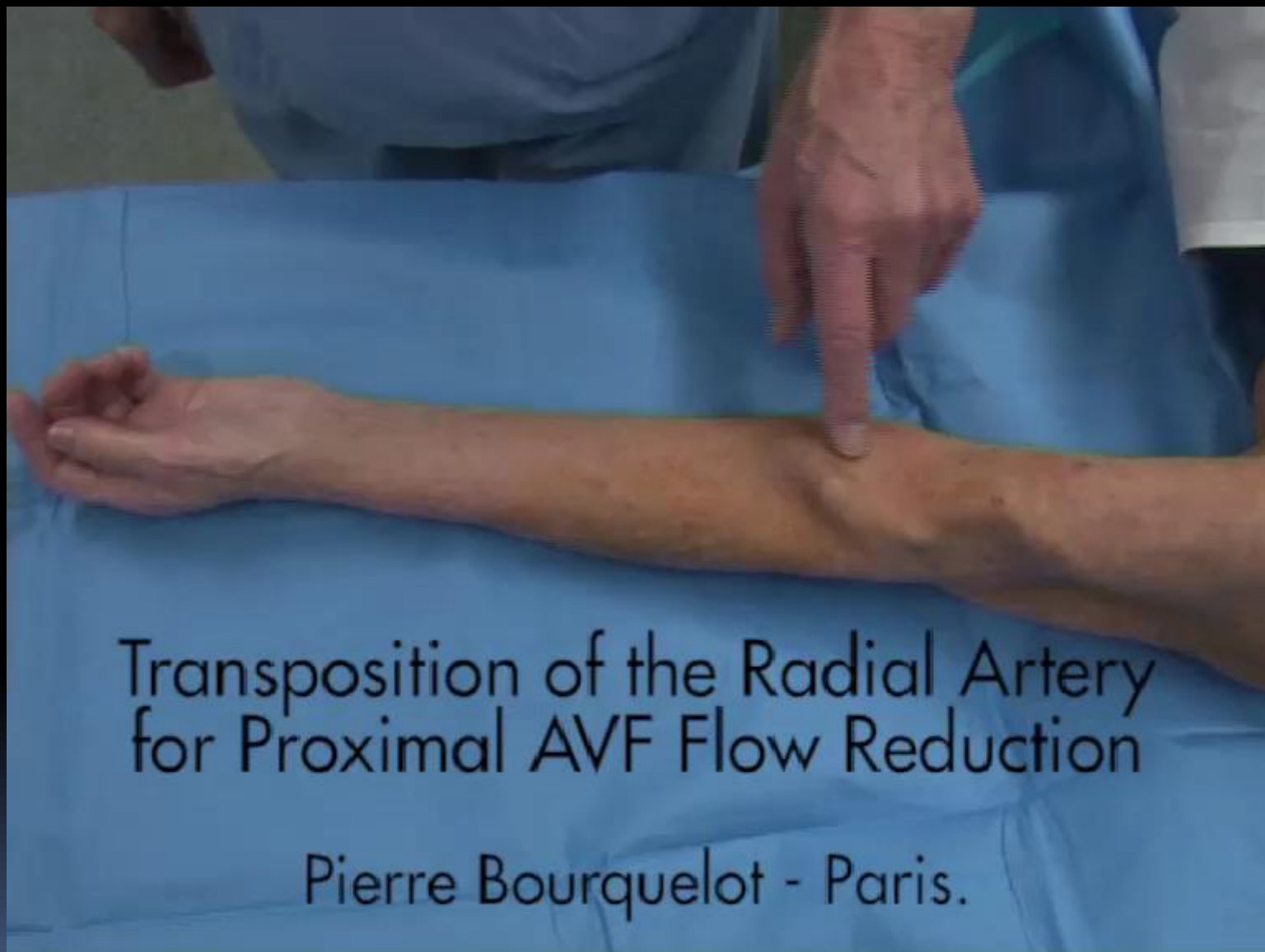
Transposition de l'artère radiale



Transposition de l'artère radiale

	Pre-op	Post-op	<u>Reduction</u>
	L/min pour 1.73m ²		%
All pts n=43	2.0	0.7	64
Children n=6/43	2.9	0.6	77

+ 4 immediate thromboses



Transposition of the Radial Artery for Proximal AVF Flow Reduction

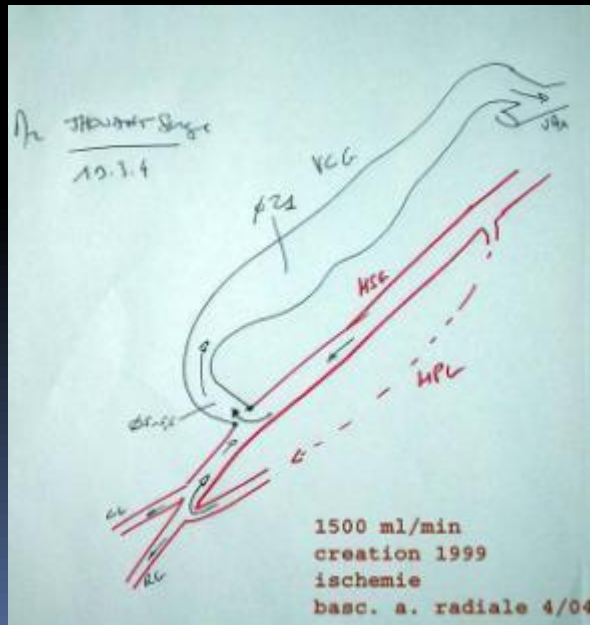
Pierre Bourquelot - Paris.

Techniques de réduction

- FAV au coude (Revision Using Distal Inflow-RUDI):
 - **Distalisation de l'anastomose artérielle**
 - **Transposition de l'artère radiale**
- Bourquelot P et al. Transposition of the radial artery for reduction of excessive high-flow in autogenous arm accesses for hemodialysis. J V S 2009.



Transposition of the Radial Artery for Ischemia

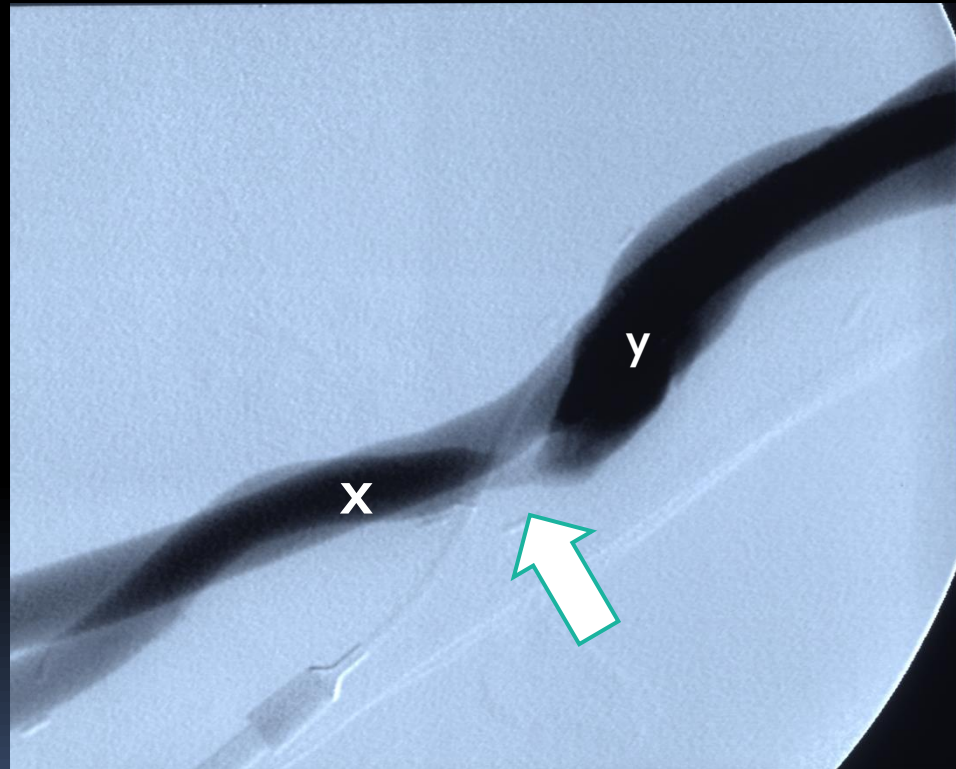


KAR...Namizata

- Drépanocytose homozygote (née 1996)
- Echanges transfusionnels, O² permanent
- 2007
 - Superf. V. Brachiale
- 2009
 - 2.5 l/mn, a.distales = 1.6 et 1.3
 - Transposition de l'artère radiale -> 720 mL/min
- 02/2012 AEP
- 09/2012 1400 mL/min

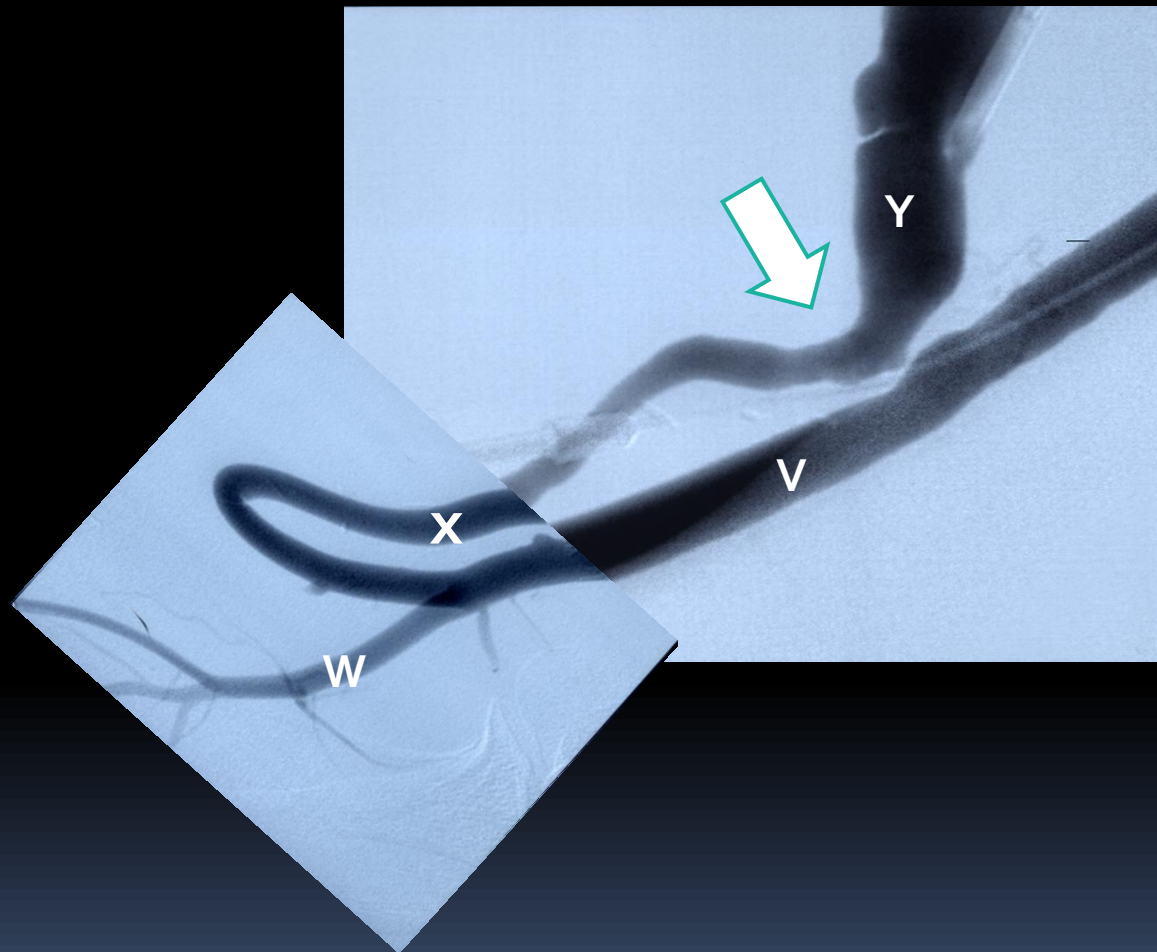
Sténose anastomotique

Avant AEP



X = artère radiale transposée , Y = veine brachiale

Après AEP



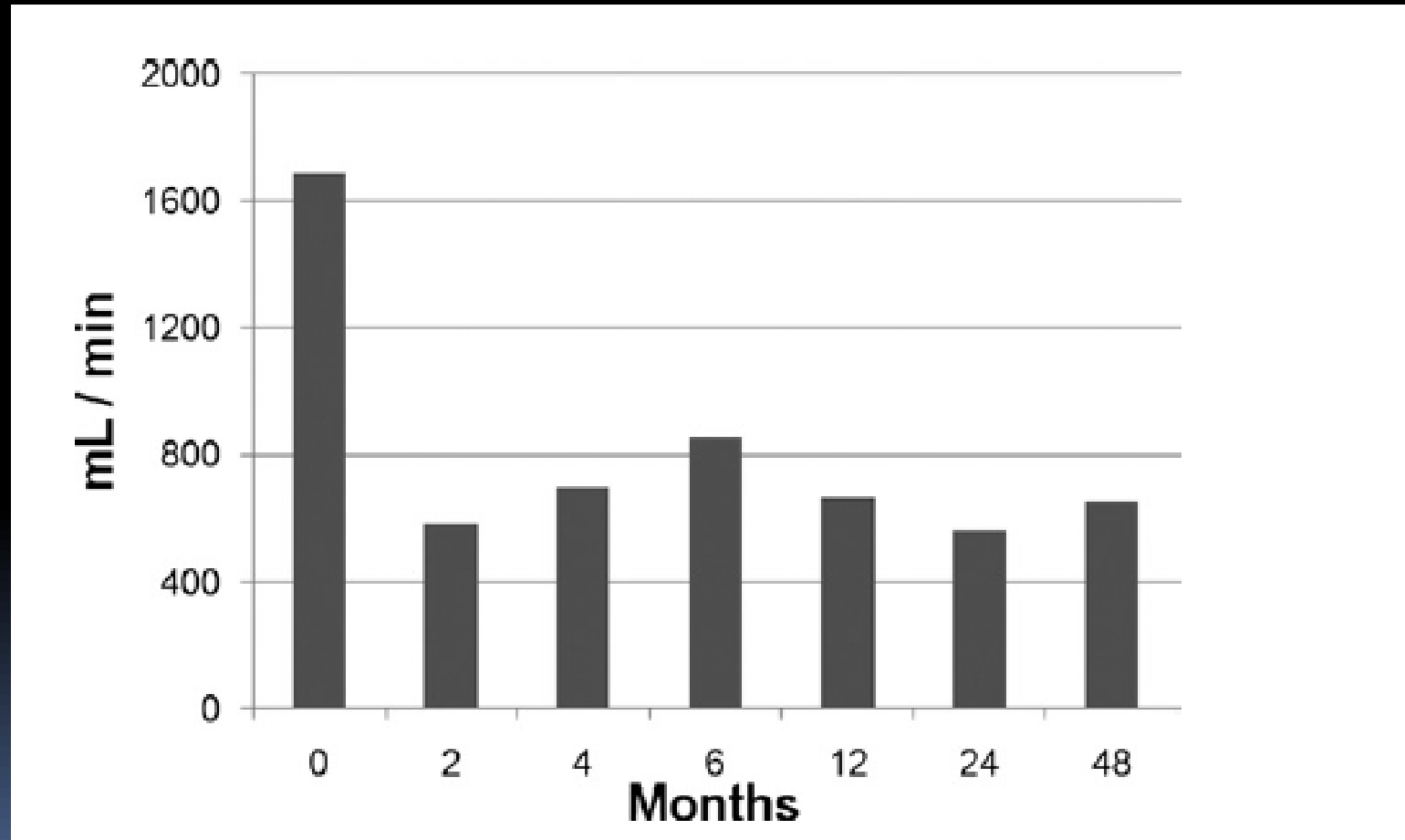
V = artère brachiale , W = Tronc artériel uno-interosseux
X = artère radiale , Y = veine brachiale

Transposition of the Radial Artery

P.Bourquelot et al. J Vasc Surg 2009

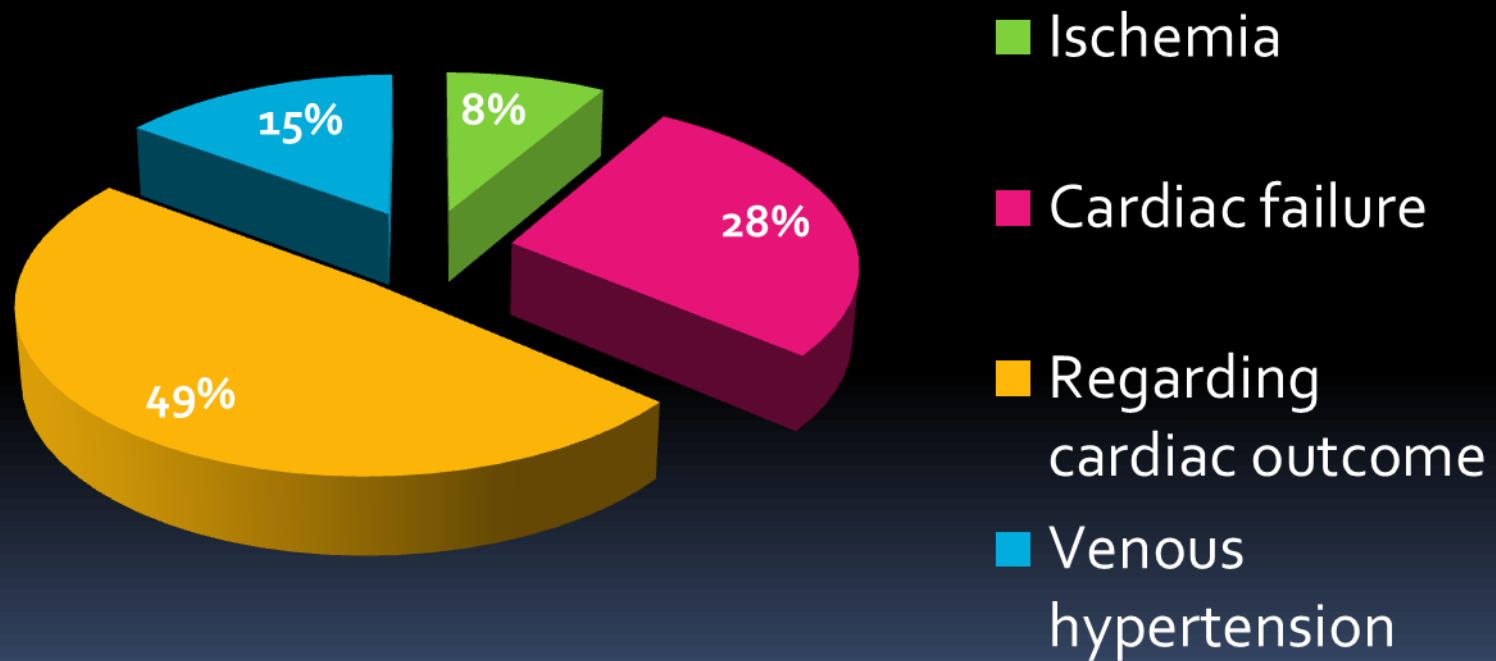
	47 patients
Mean preop.flow	2.012 $\pm$ 312 mL/min per 1.73 m ²
Men reduction rate	66% $\pm$ 14

Radial Artery Transposition



Radial Artery Transposition

47 patients



Radial artery transposition

