

HISTOIRE de l'ABORD VASCULAIRE

Pierre BOURQUELOT
SFAV

16^{ème} Cours-Congrès
16-17-18 Juin 2011 - Bruxelles



1960 Scribner Shunt



1969 : Shunt de Thomas

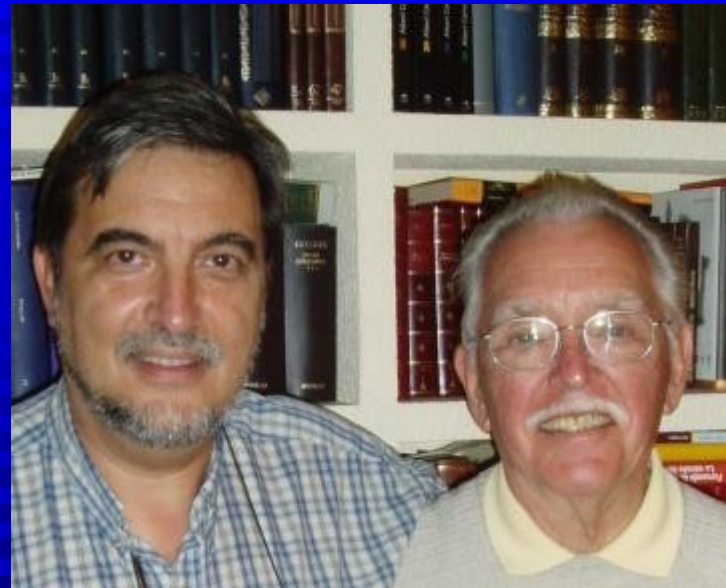
n “A large-vessel
applique A-V shunt
for hemodialysis.”



1966 : Fistule Artério-Veineuse

n JR Polo et KC Appel

n Brescia MJ,
Cimino JE, Appel
K, Hurwich BJ.
N Engl J Med
1966



1973 : Carotide Bovine

- n A totally new subcutaneous prosthetic arterio-venous shunt.

Buselmeier TJ, ..., Najarian JS

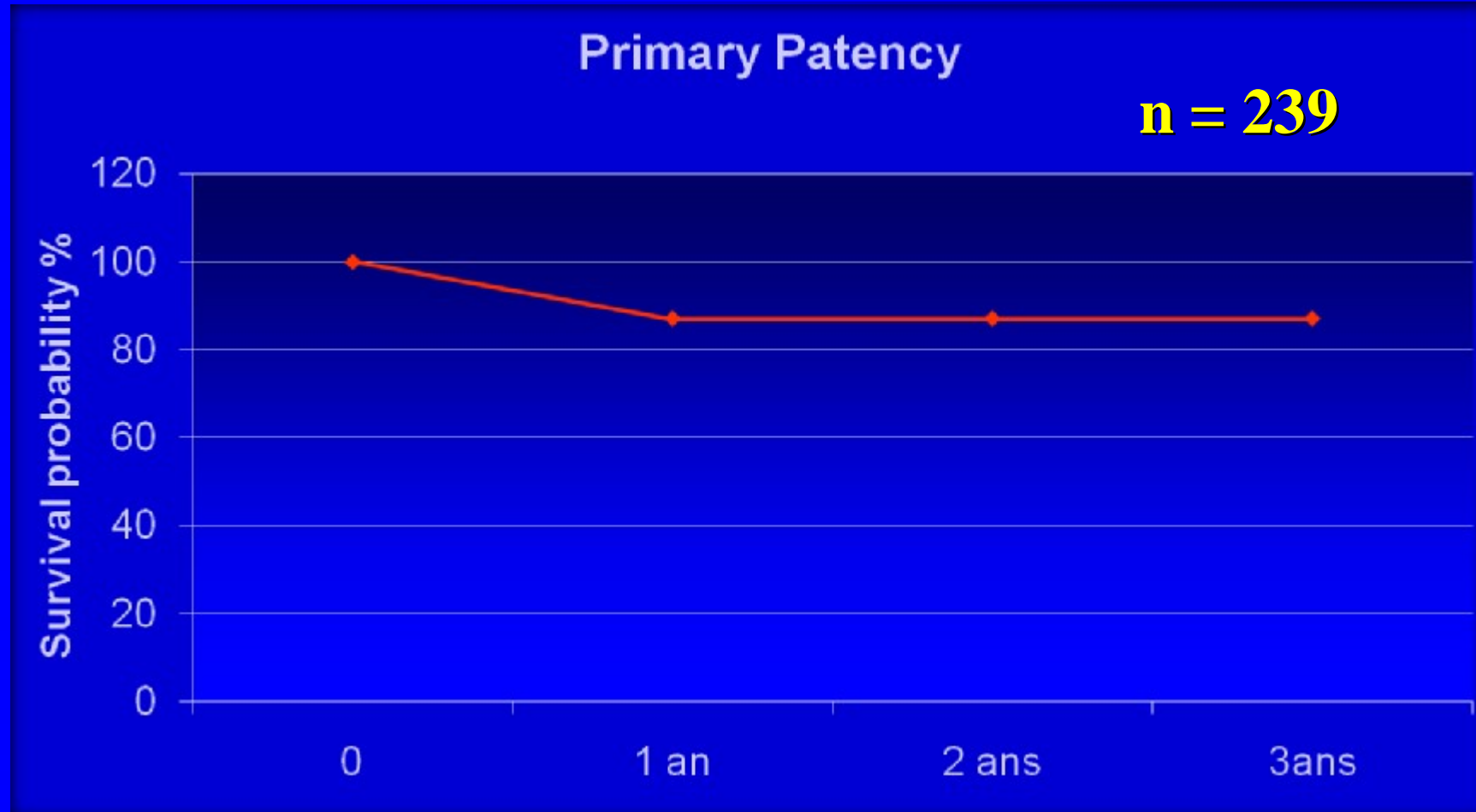
Trans Am Soc Artif Intern Organs. 1973

1976 : PTFE

n Baker LD Jr, Johnson JM, Goldfarb D

Trans Am Soc Artif Intern Organs. 1976

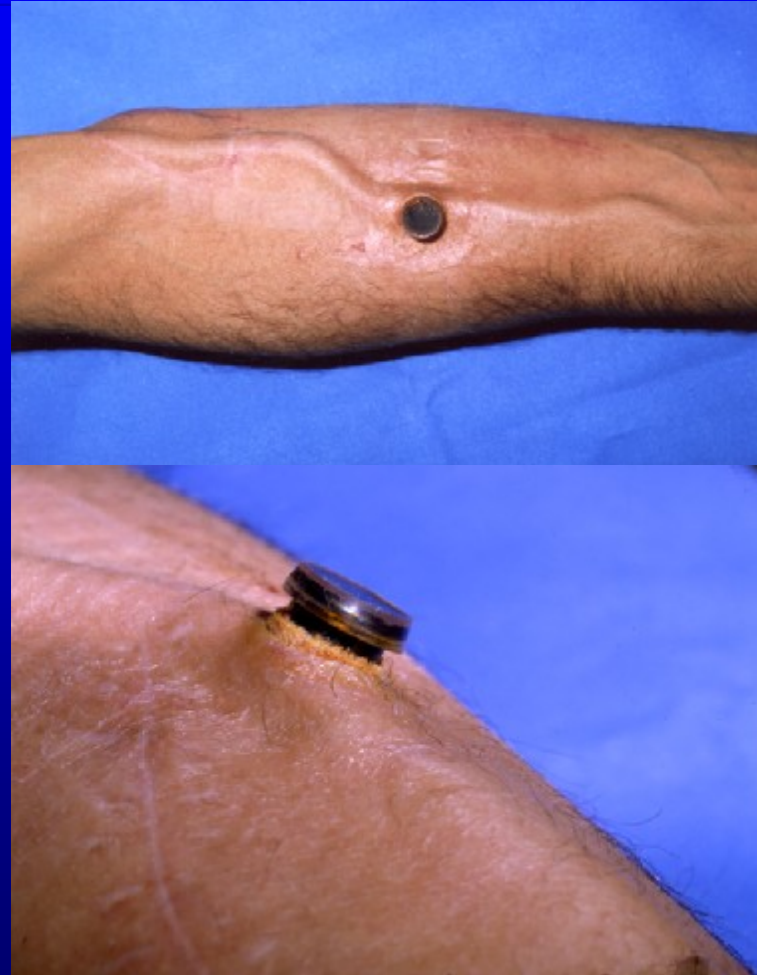
1977 : FAV autologues



P. Kinnaert (ULB), Brit. J. Surg.

1979 : Hémasite

n Carbon
transcutaneous
access device.



FAV

Carotide Externe - V. Jugulaire Externe



1979 : Cathéter Veineux Central

- n A modified right atrial catheter for access to the venous system in marrow transplant recipients.

Hickman RO

Surg Gynecol Obstet 1979

1981 : Microchirurgie

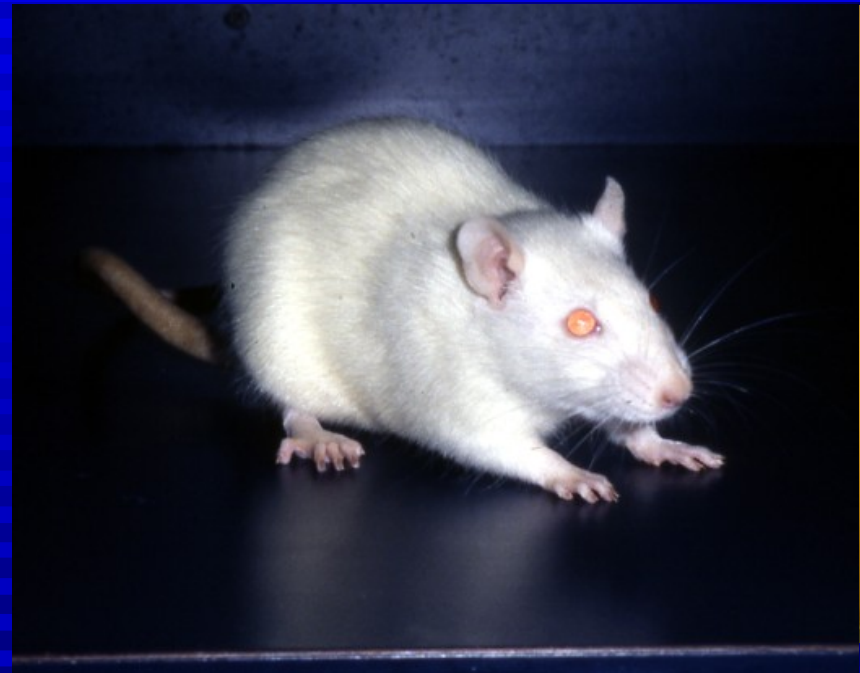
n Children weighing
less than 10kg.

Bourquelot P,

Wolfeler, L, Lamy L.

Proc Eur Dial

Transplant Assoc



1982 : Angioplastie E.Percutanée

- n Treatment of stenotic lesions in dialysis access fistulas and shunts by transluminal angioplasty.

Gordon DH, Glanz S, Butt KM...

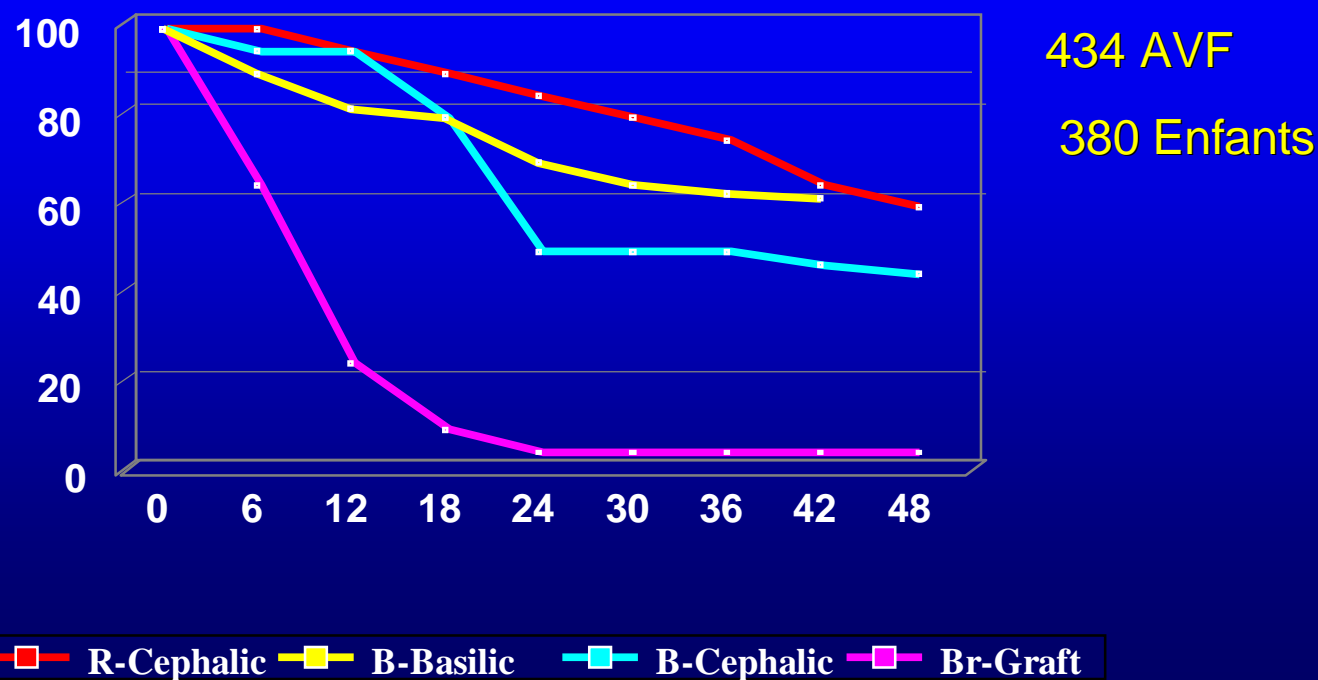
Radiology 1982

- n Percutaneous transluminal angioplasty of stenotic lesions in dialysis vascular accesses.

Gaux JC, Bourquelot P, Raynaud A...

Eur J Radiol 1983

1990 Microchirurgie (suite)



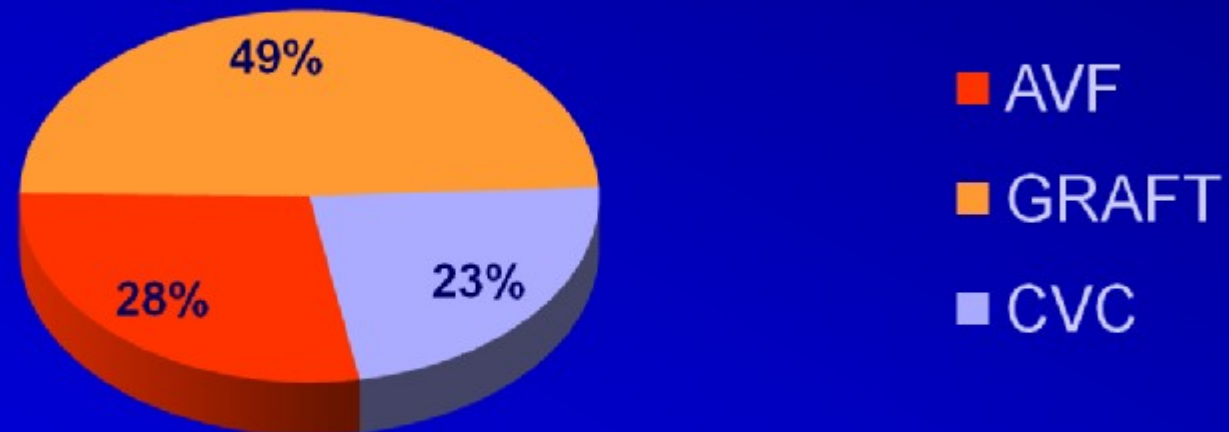
P. Bourquelot et al., Pediatric Nephrology 1990

1991 : Thrombolyse Percutanée

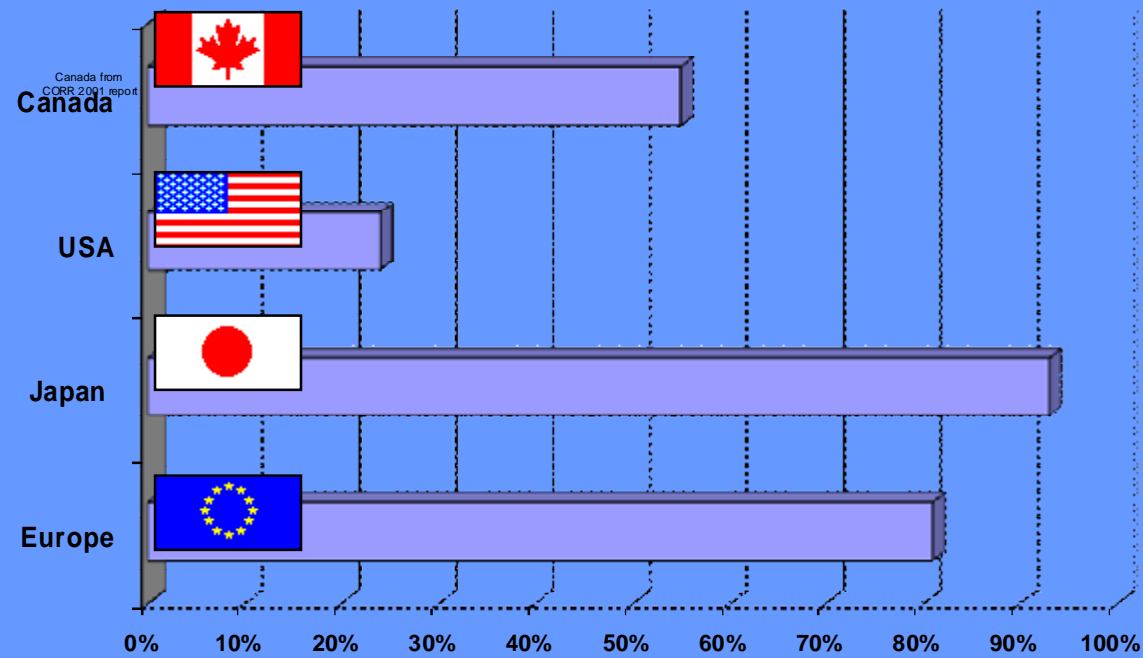
- n Local thrombolysis and thromboaspiration in the treatment of acutely thrombosed arteriovenous hemodialysis fistulas.
Poulain F, Raynaud A, Bourquelot P, ..
Cardiovasc Intervent Radiol 1991
- n Interventional radiology in hemodialysis fistulae and grafts: a multidisciplinary approach.
Turmel-Rodrigues L, Pengloan J, Bourquelot P.
Cardiovasc Intervent Radiol 2002

1999 : NFK DOQI

8154 Patients

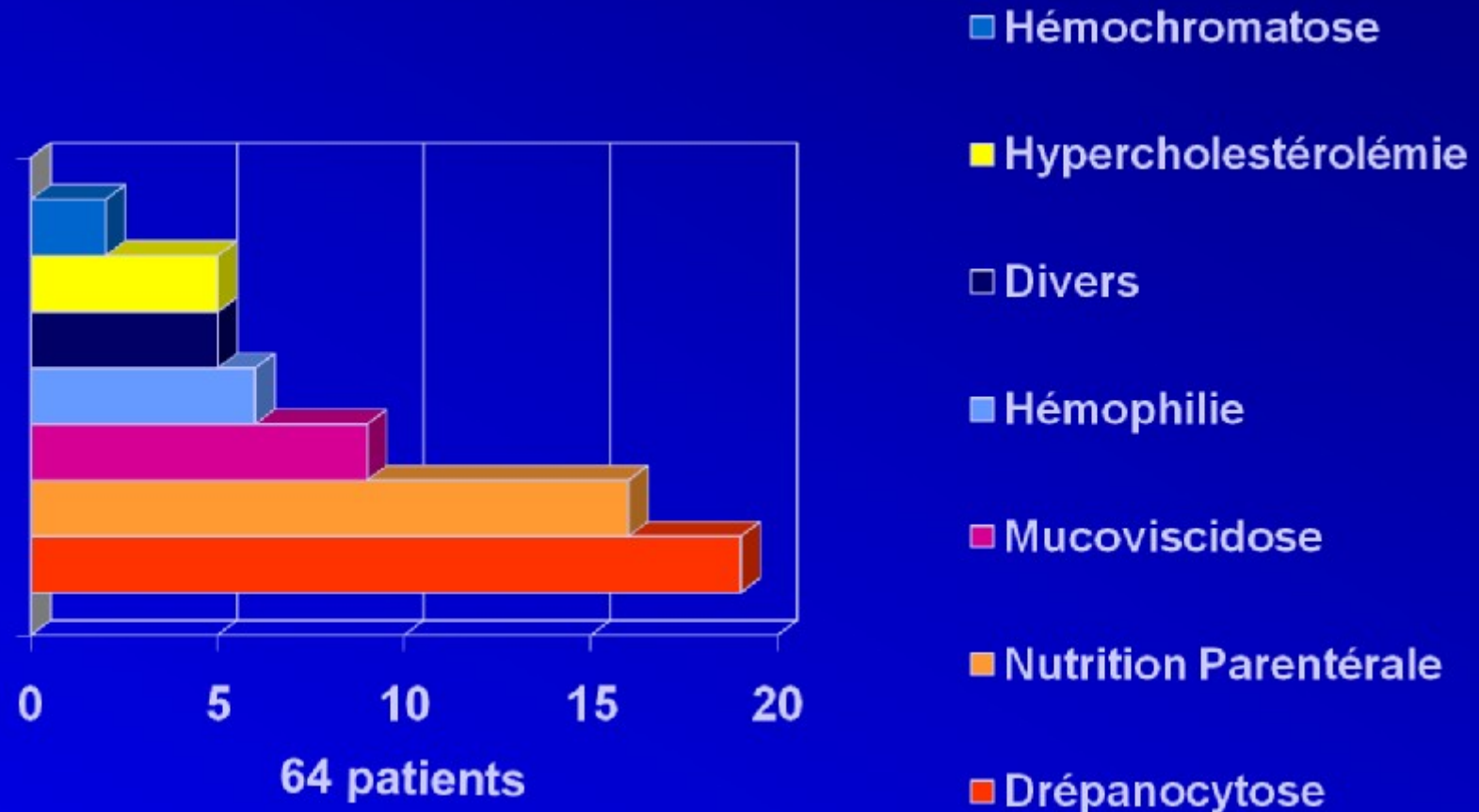


2001 DOPPS, Prévalence FAV



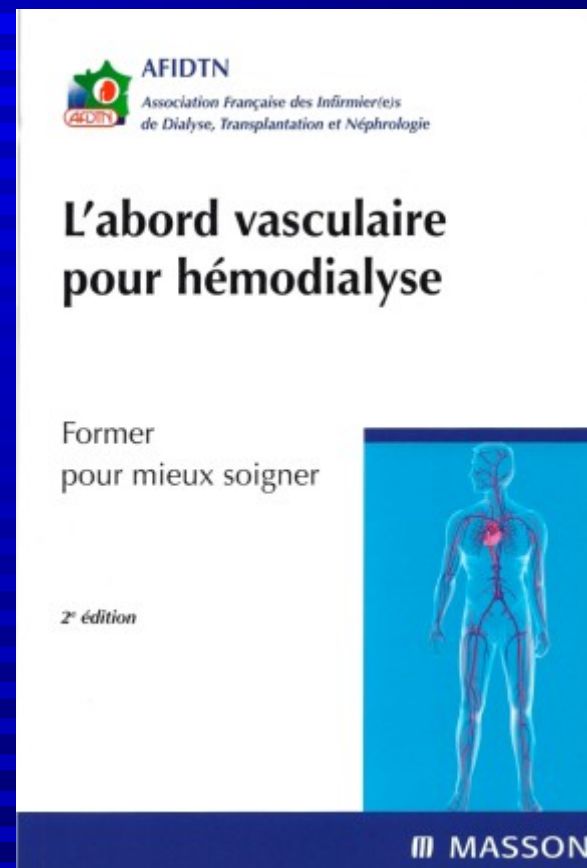
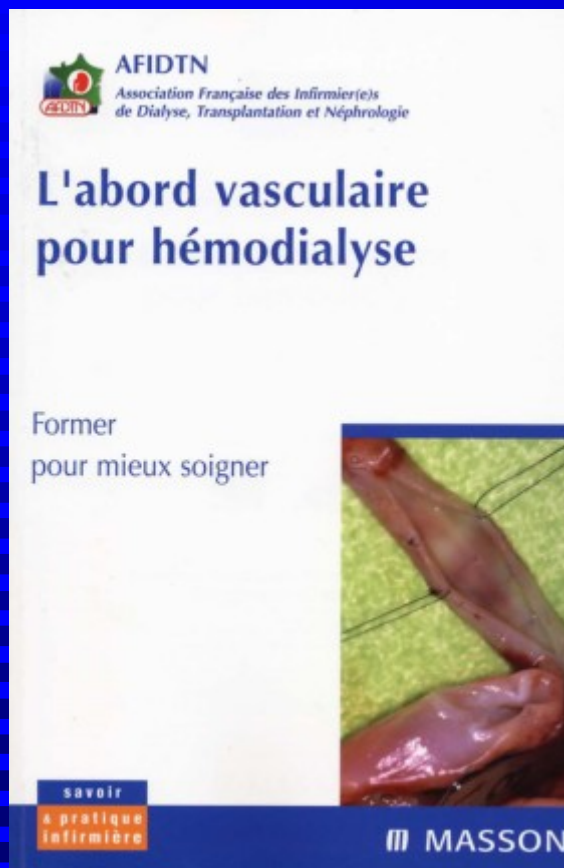
	Europe	Japan	USA	Canada
□ AVF	81%	93%	24%	55%

2003 : FAV hors Hémodialyse

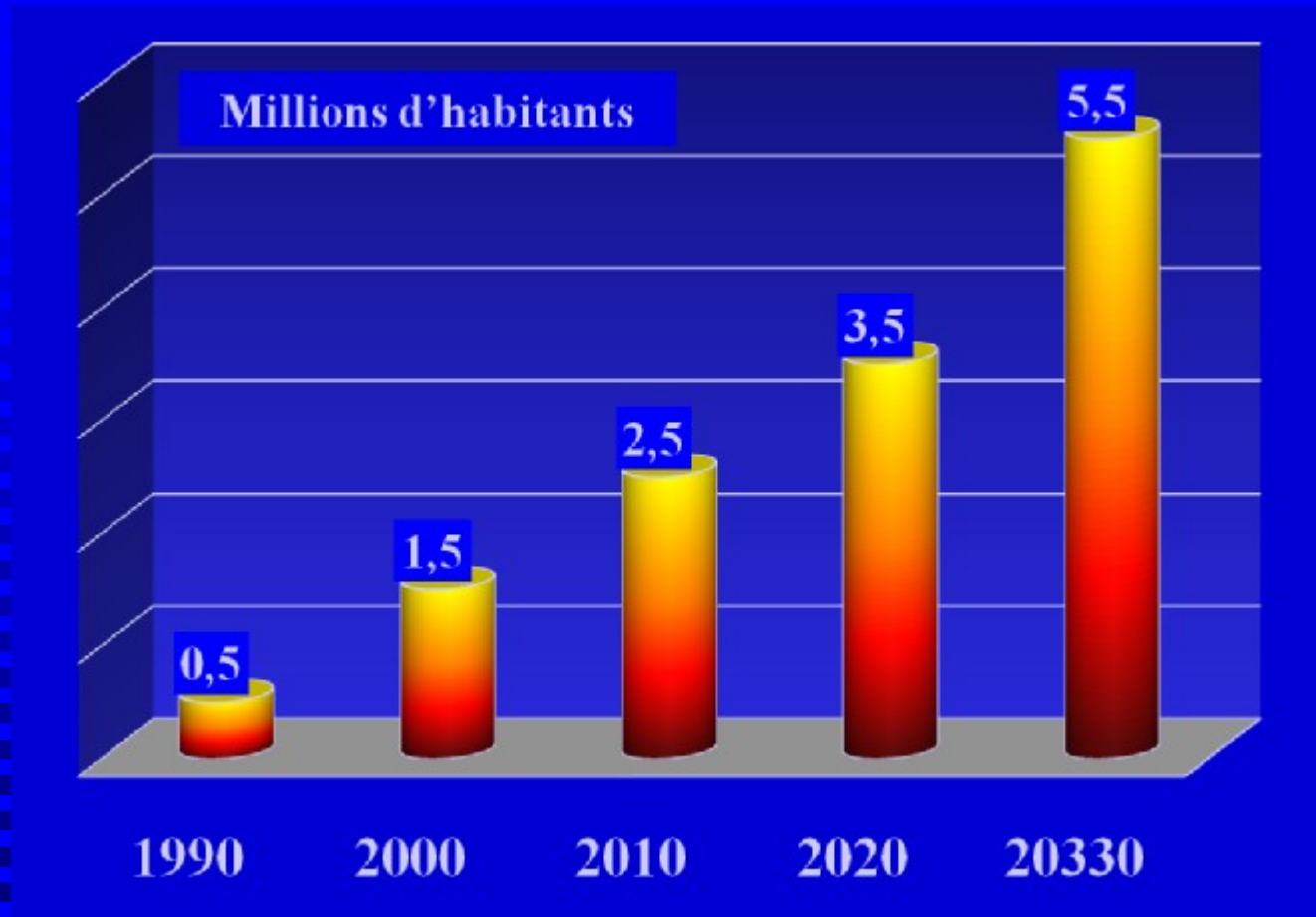


Bourquelot P. Ther Apher Dial.

2004/2008 AFIDTN-SFAV



Population Mondiale en Dialyse



Lysaght, 2002 – Meichelboeck, Tours 2010

pbourquelot@sfav.org