

PROGRAMME

20^e
édition

Session

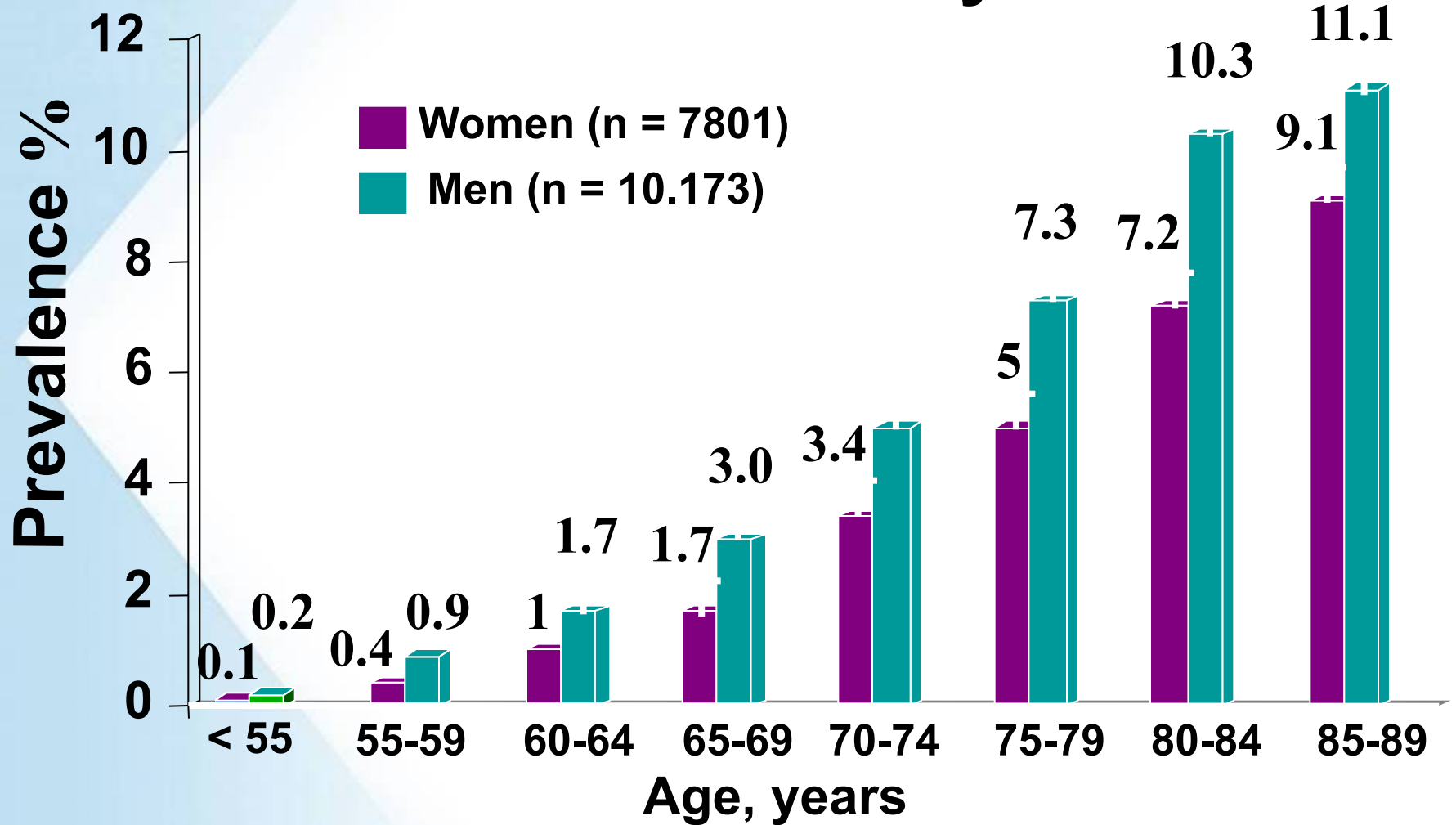


6/7/8
JUN 2018
BIARRITZ

APPAC

Prevalence

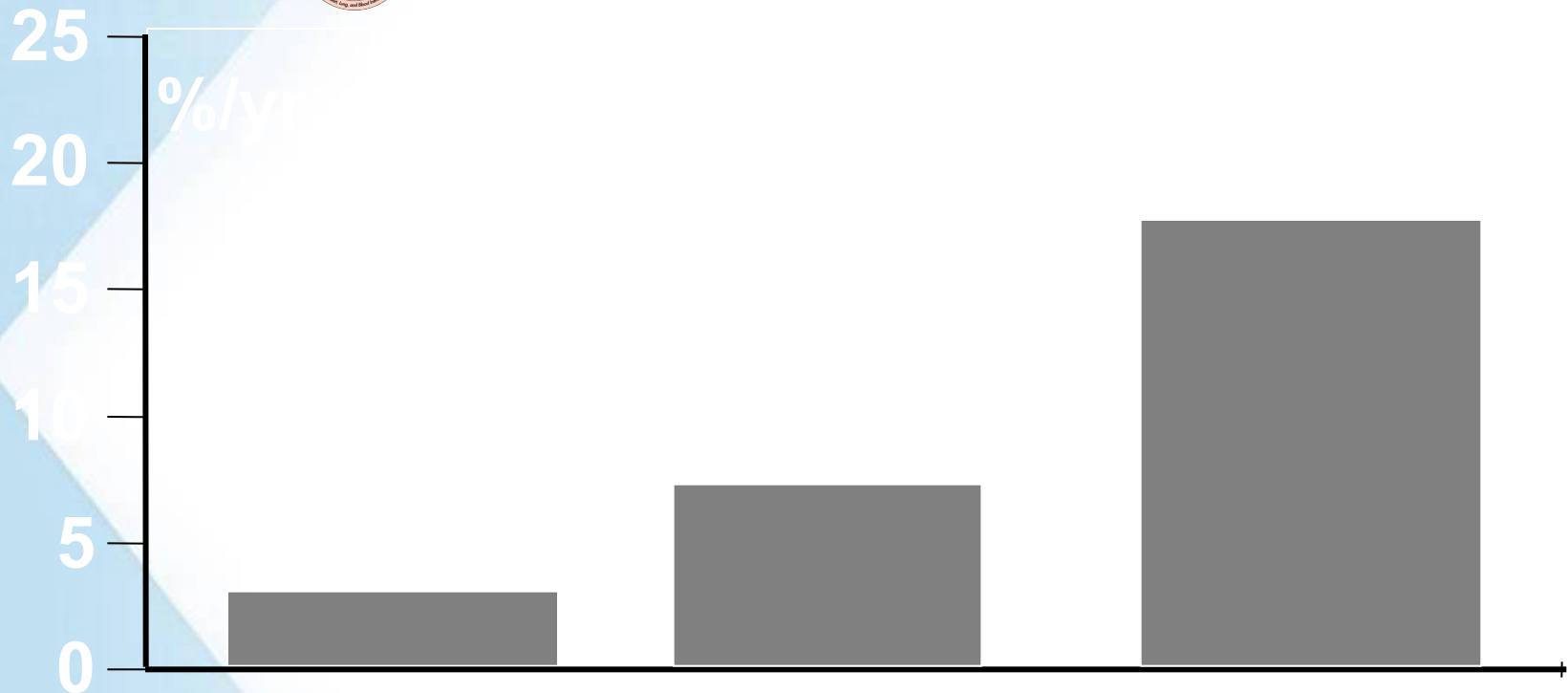
ATRIA study



Echocardiographic predictors of nonrheumatic AF



The Framingham Heart Study

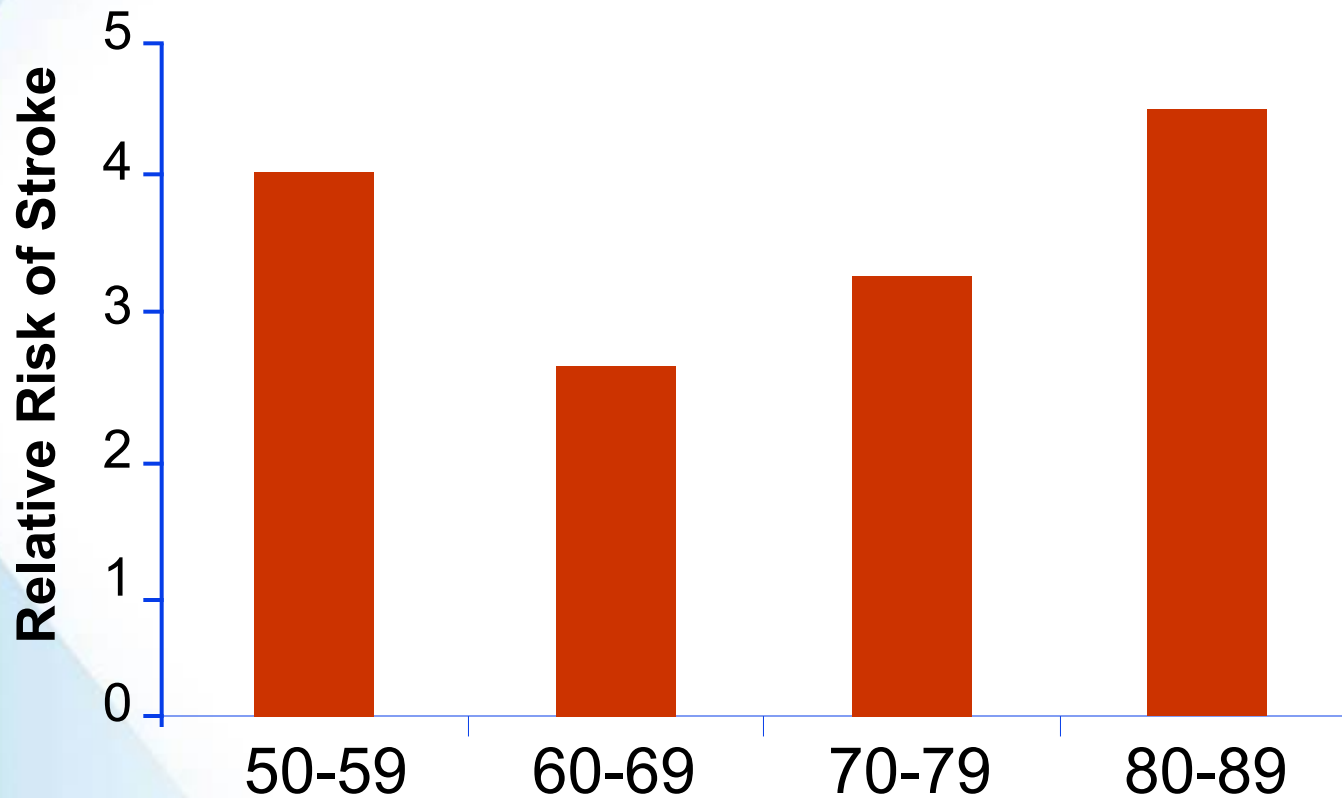


TTE RF

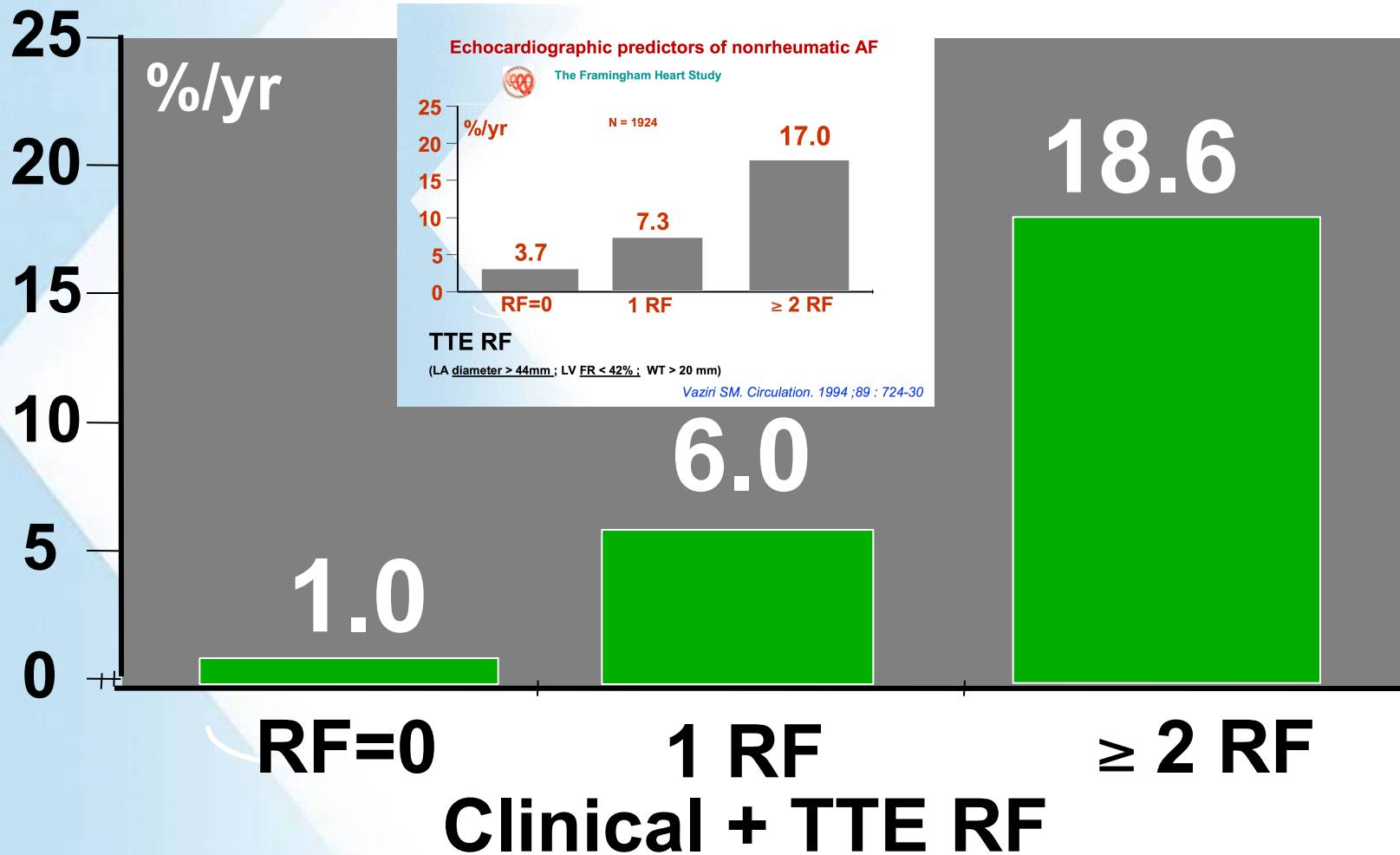
(LA diameter > 44mm ; LV FR < 42% ; WT > 20 mm)

AF : Risk of Stroke

Framingham



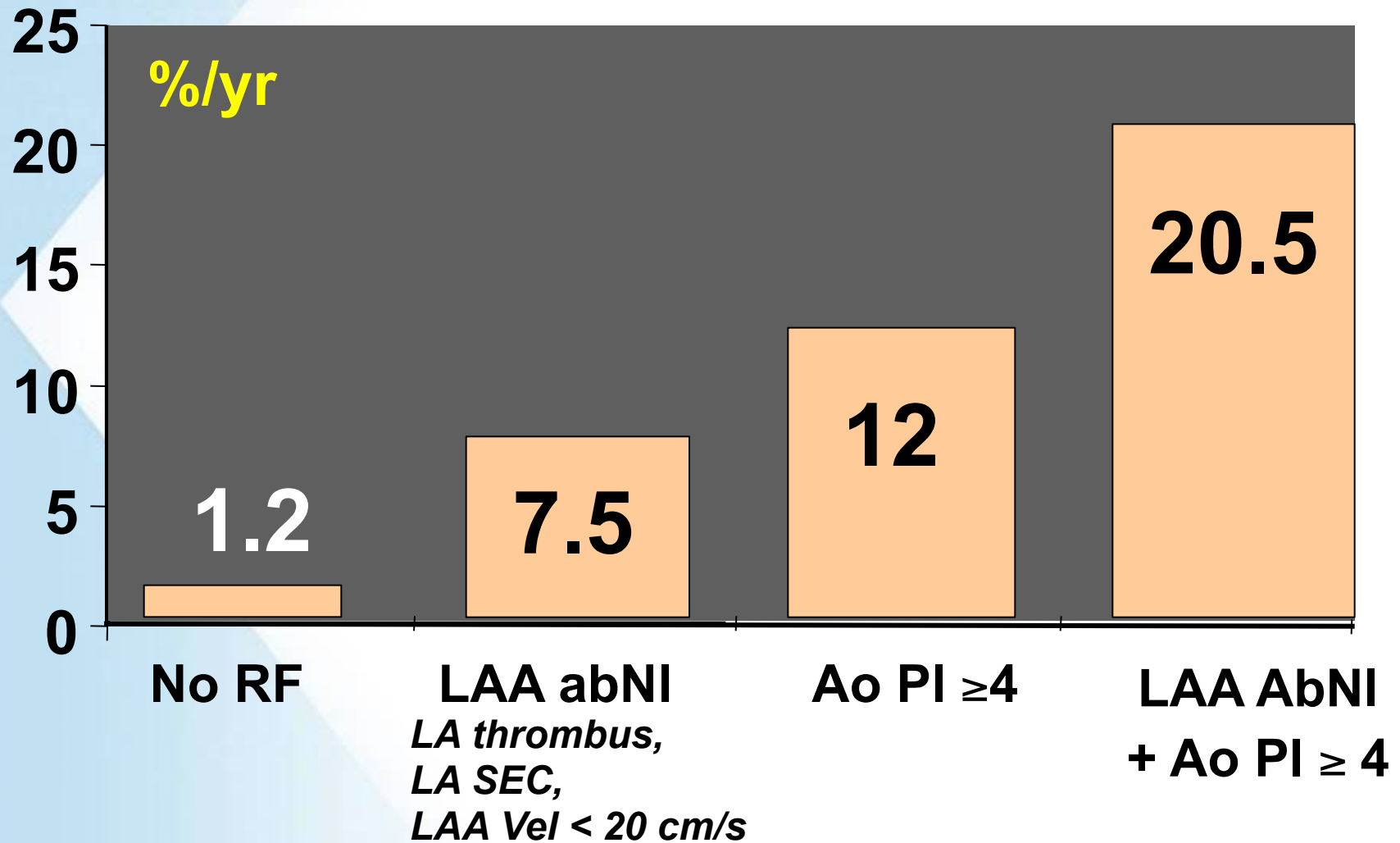
Annual risk



Women, > 75 yrs, HT, prev. stroke/TIA, HF,

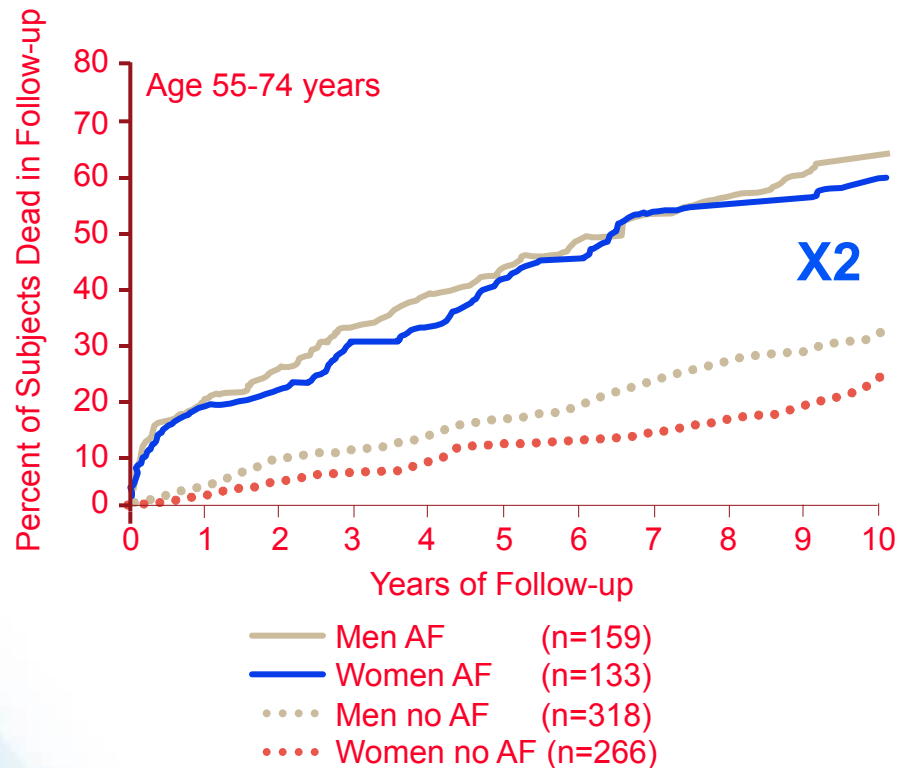
SPAF investigators. Ann Int Med 1992 ; 116 : 6-

Risk of stroke in the presence of AF



AF and the Risk of Mortality (age)

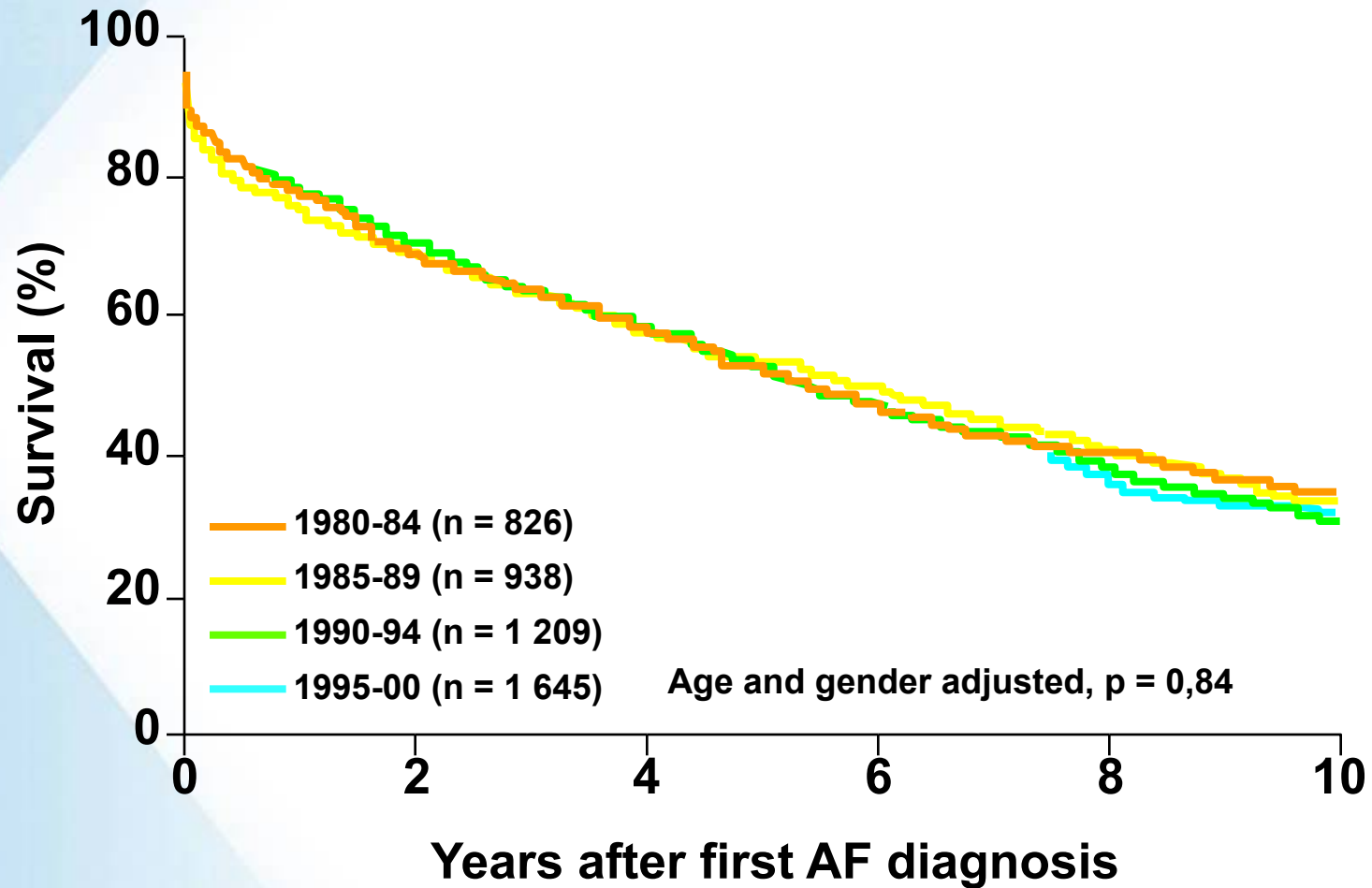
- AF doubles the risk of mortality¹



AF : Risk of Stroke Recurrence and Post-Stroke Mortality

Framingham	AF patients	Non-AF patients	
1-year stroke recurrence	23%	8%	$p<0.001$
30-day post stroke mortality	25%	14%	OR 1.84 (95% CI, 1.04 to 3.27)
1-year post stroke mortality	63%	34%	$p<0.001$

Trend in Mortality



Management of AF

**Prevention
of
thrombo-
embolism**

**Reduction in the
risk
of CV events
and
hospitalisations**

**Reduction
in
mortality**

1. Wolf P. *Stroke* 1991;22:983-988.
2. Singh SN, et al. *J Am Coll Cardiol*. 2006;48:721-730.
3. Prystowsky EN. *J Cardiovasc Electrophysiol* 2006;17(suppl 2):S7-S10.
4. Hohnloser S, et al. *J Cardiovasc Electrophysiol*. 2008;19:69-73.
5. Camm AJ, Reiffel JA. *European Heart Journal Supplements* 2008;10(SH): H55-H78

Epidemiology of atrial fibrillation

- 1- Increased incidence and prevalence
- 2- Clinical risk factors for stratification (CHADS₂ score ?)
- 3- Echo risk factors : LA, LV dimensions and function
- 4- Biological risk factors : CRP, BNP
- 5- Risk of stroke according to risk markers
- 6- Increased mortality

Quelle place pour la cardiologie interventionnelle ?