



Les leçons et le futur de France PCI

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Coordinateur médical FPCI



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Les leçons

« plus on partage, plus on s'enrichit »

Leonard Nimoy



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C'est compliqué !

C.R.A.C



REGLEMENTAIRE

OUVERTURES CENTRES

COMMUNICATION

JURIDIQUE

MONITORING

PUBLICATIONS

FINANCEMENT

ADHESION DES ACTEURS

INFORMATIQUE

ORGANISATION

DEVELOPPEMENT

STATISTIQUES

DATA MANAGEMENT

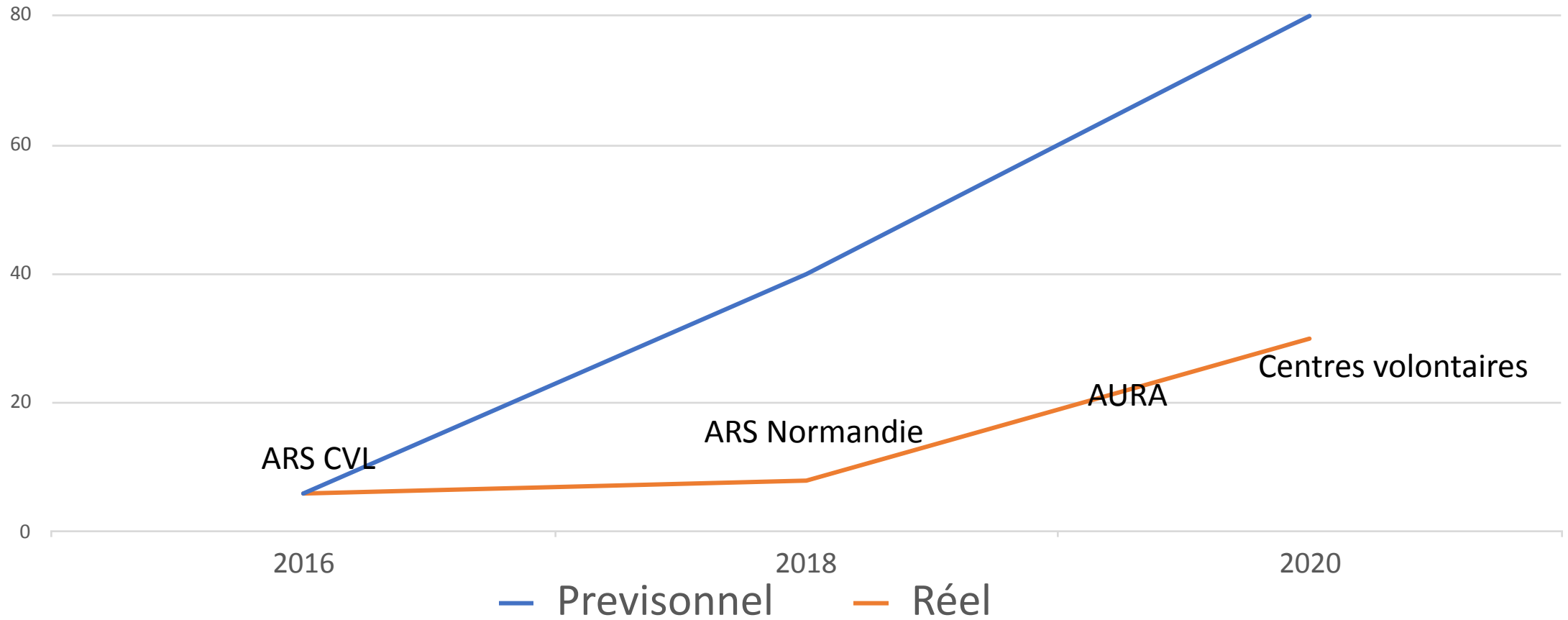
POLITIQUE





C'est long !

Centres actifs



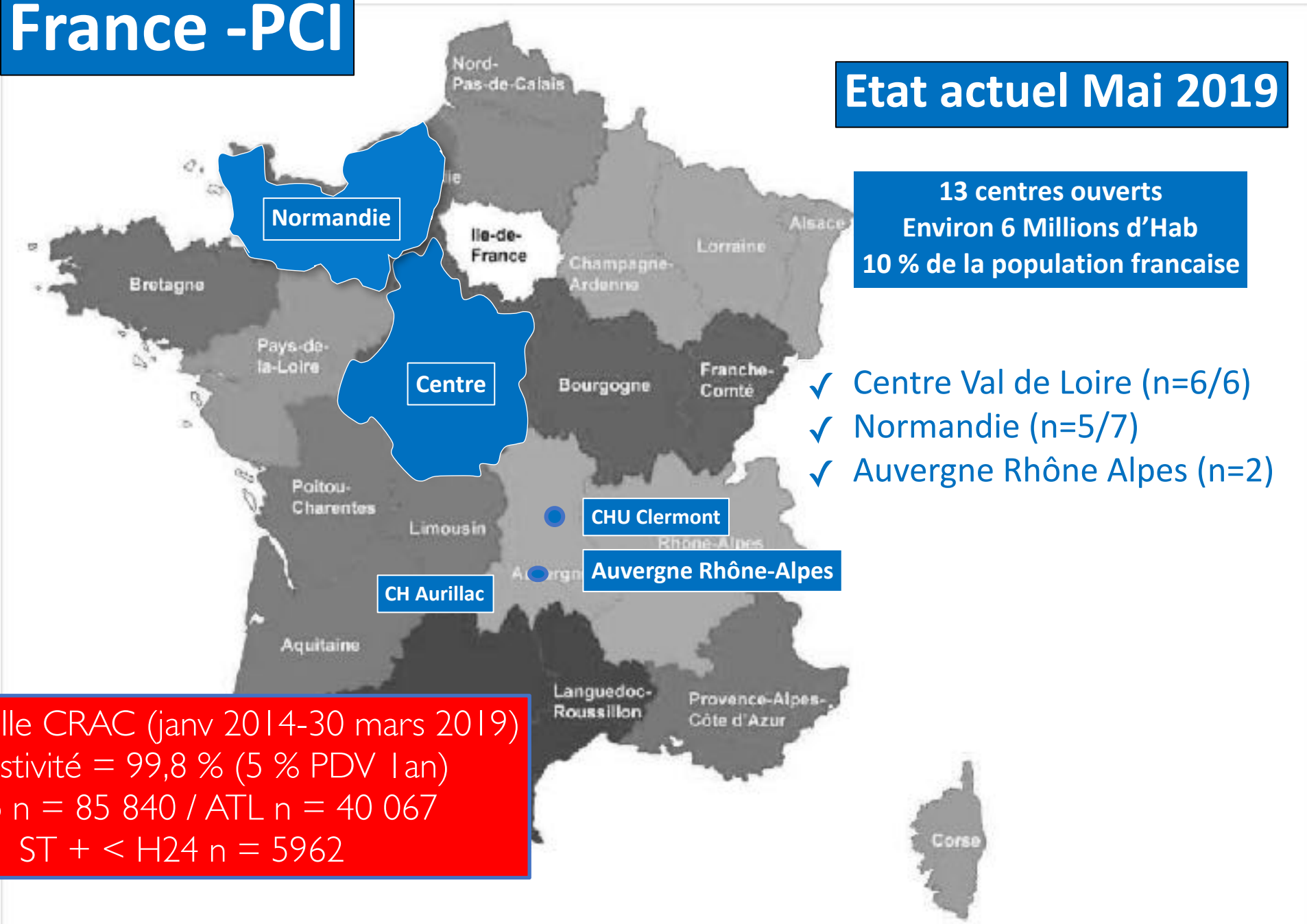


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Mais c'est bon !



France -PCI





France -PCI

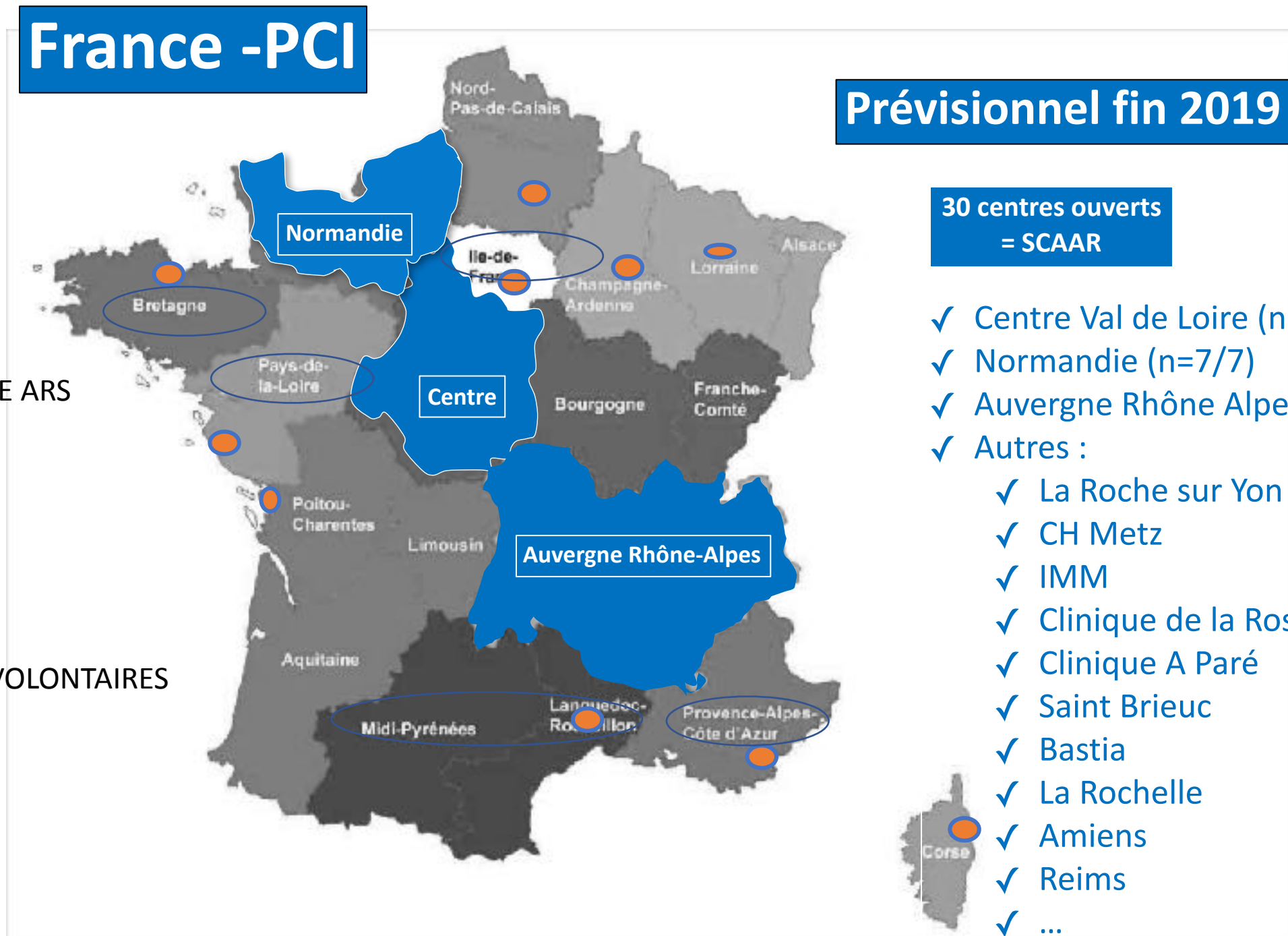
Prévisionnel fin 2019

30 centres ouverts
= SCAAR

- ✓ Centre Val de Loire (n=6/6)
- ✓ Normandie (n=7/7)
- ✓ Auvergne Rhône Alpes (n=11/21)
- ✓ Autres :
 - ✓ La Roche sur Yon
 - ✓ CH Metz
 - ✓ IMM
 - ✓ Clinique de la Roseraie
 - ✓ Clinique A Paré
 - ✓ Saint Briec
 - ✓ Bastia
 - ✓ La Rochelle
 - ✓ Amiens
 - ✓ Reims
 - ✓ ...

LOGIQUE ARS

LOGIQUE
CENTRES VOLONTAIRES





Qualité des données ?

Original article

Revue d'Épidémiologie
et de Santé Publique
Epidemiology and Public Health

The CRAC cohort model: A computerized low cost registry of interventional cardiology with daily update and long-term follow-up

Un modèle de cohorte en cardiologie interventionnelle : le registre automatisé CRAC, région centre Val-de-Loire

G. Rangé^a, S. Chassaing^b, P. Marcollet^c, C. Saint-Étienne^d, P. Dequenne^e, M. Goralski^f,
P. Bardière^g, F. Beverilli^h, L. Godillonⁱ, B. Sabineⁱ, C. Laure^a, S. Gautier^a, R. Hakim^a,
F. Albert^a, D. Angoulvant^d, L. Grammatico-Guillon^{i,j,*}

Results. – CRAC model provided a high-quality level with 98.2% procedure completeness, 99.5% data completeness and 89% data consistency. The operating cost per procedure was €14.70 (\$16.51) for data collection and quality control, including ST-segment elevation myocardial infarction (STEMI) preadmission information and one-year follow-up after angioplasty.

Conclusions. – This integrated computerized IC registry led to the construction of an exhaustive, reliable and costless database, including all coronary patients entering in participating IC centers in the CVL region. This solution will be developed in other French regions, setting up a national IC database for coronary patients in 2020: France PCI.



Factors associated with delay in transfer of patients with ST-segment elevation myocardial infarction from first medical contact to catheterization laboratory: Lessons from CRAC, a French prospective multicentre registry

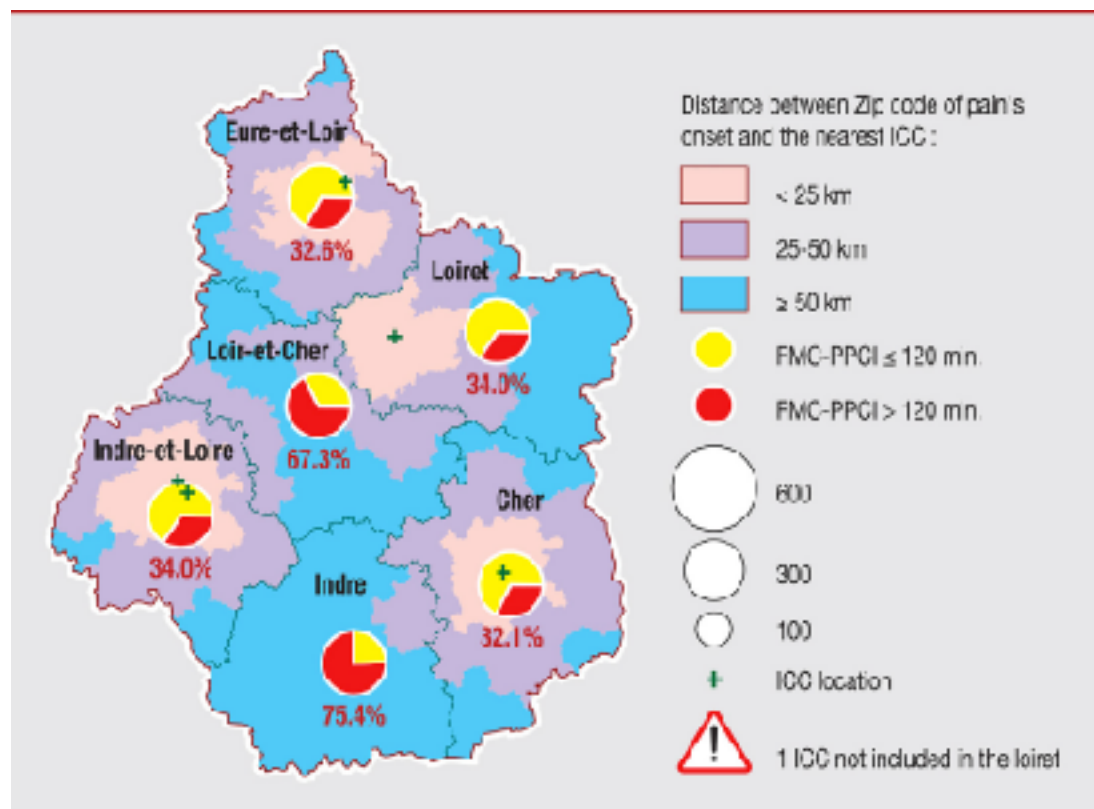
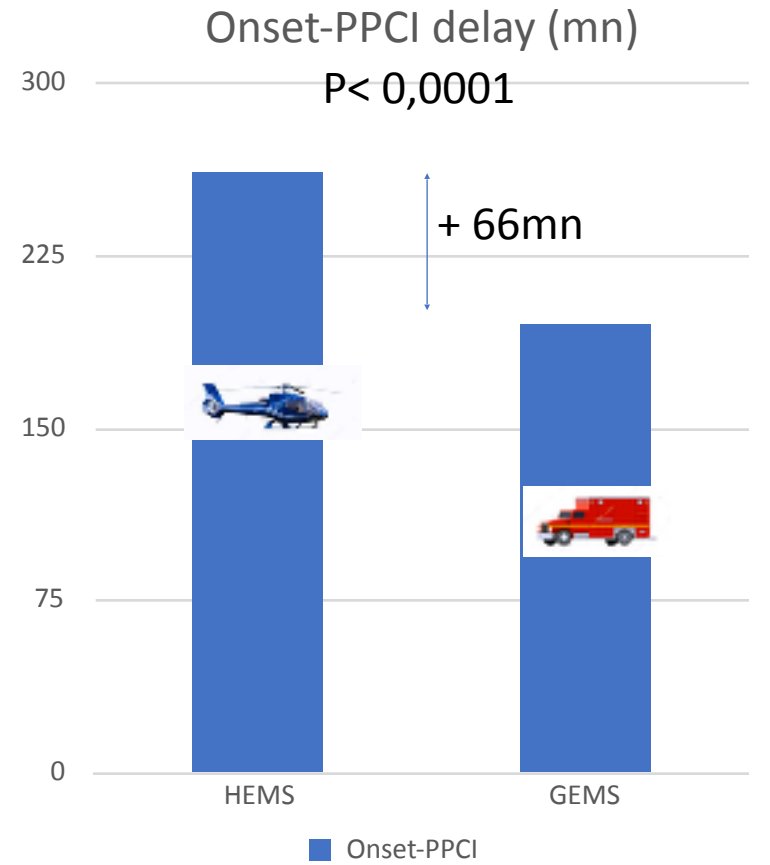
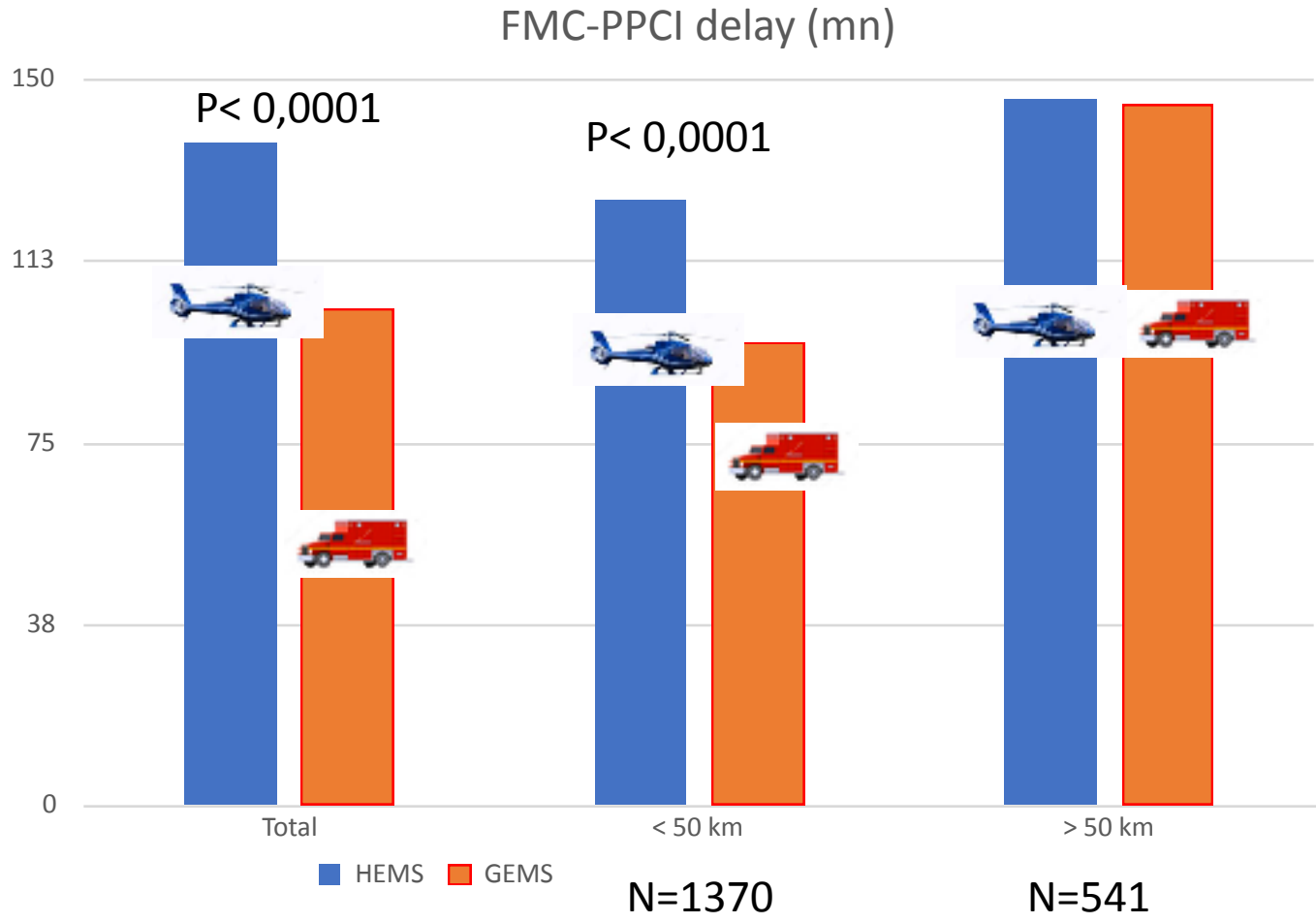


Table 2 Multivariable analysis of factors associated with a first medical contact to primary percutaneous coronary intervention time of > 120 min in patients with ST segment elevation myocardial infarction (Centre Val de Loire region, 2014–2016).

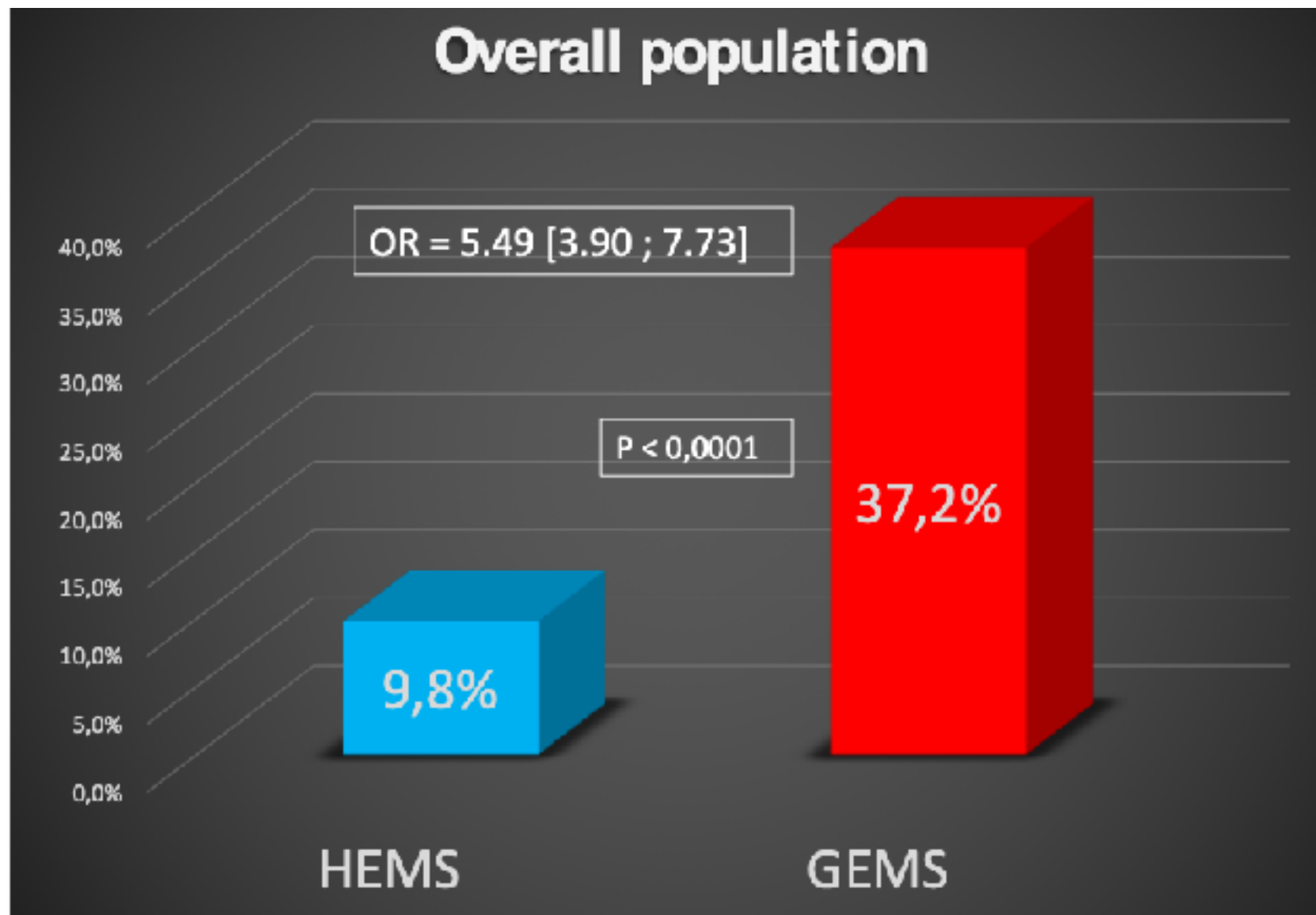
	Multivariable analysis ^a (n= 1938)		
	Adjusted OR	95% CI	P
Age > 65 years	1.2	0.9–1.5	0.15
Female sex	1.2	0.9–1.6	0.22
Diabetes	1.6	1.1–2.2	0.01
Hypertension	1.3	1.01–1.7	0.02
Killip class at admission > 1	1.8	1.3–2.5	0.003
Site of ischaemia			
Inferior	Reference		
Anterior	1.1	0.8–1.4	0.54
Lateral	1.8	1.1–2.9	0.01
Absence of EMS call	1.6	1.2–2.1	0.001
Time from symptom onset to FMC ≥ 90 min	1.3	1.1–1.7	0.016
Not optimal care pathway ^b	4.5	3.4–6.0	< 0.0001
First admission to hospital without ICC	2.9	2.1–3.9	< 0.0001
Distance from location of onset of pain to ICC			
< 25 km	Reference		
25–50 km	2.2	1.7–2.9	< 0.0001
50–75 km	5.1	3.6–7.0	< 0.0001
≥ 75 km	7.9	4.4–14.0	< 0.0001

HEMS or GEMS for STEMI patients in the overall population





Proportion of STEMI patients achieving FMC-PPCI ≤ 90 mn





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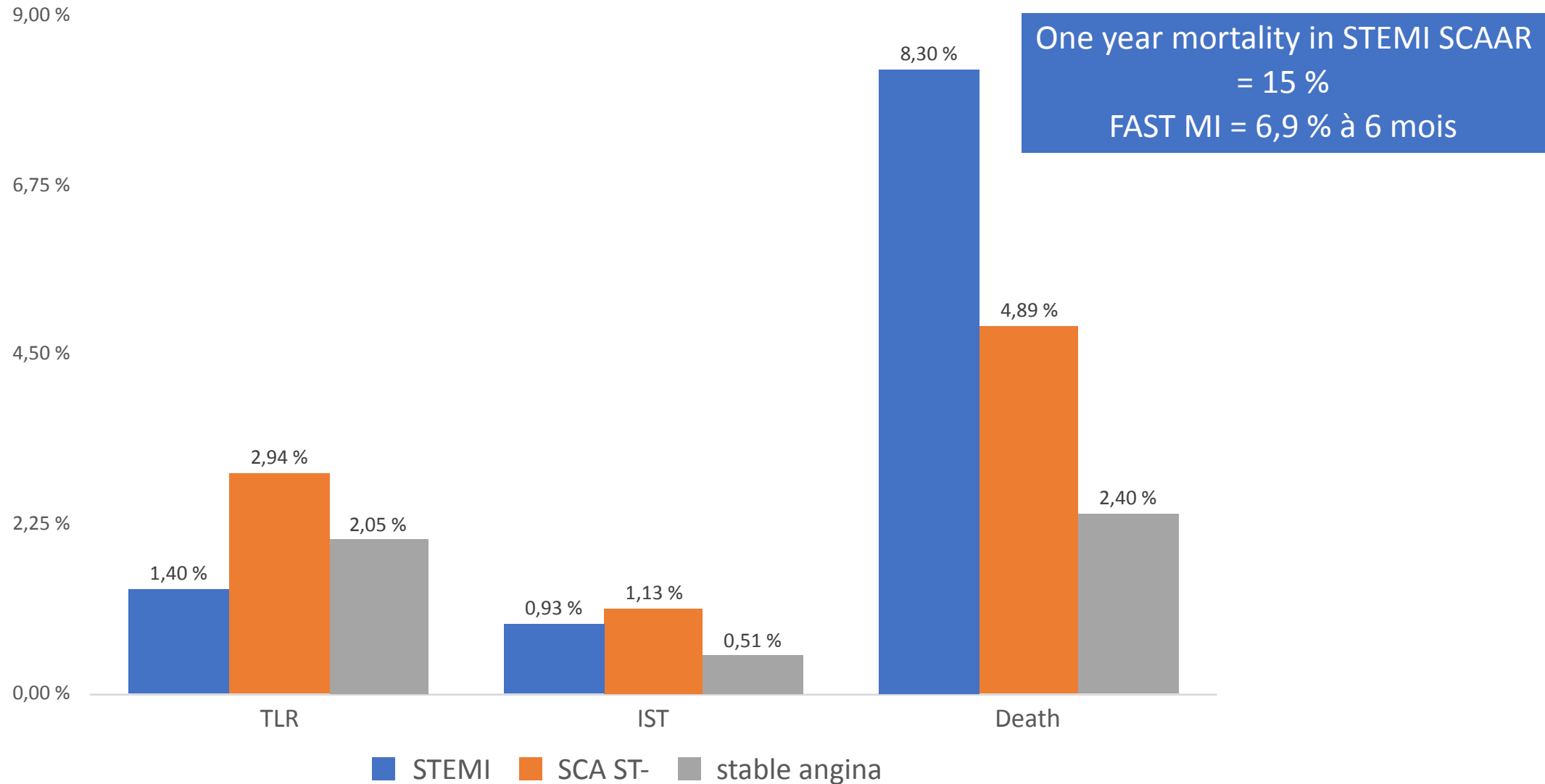
Evaluation de pratiques

« La meilleur façon d'anticiper l'avenir , c'est de bien comprendre le présent »

Peter F Drucker



MACE according to clinical status in FPCI

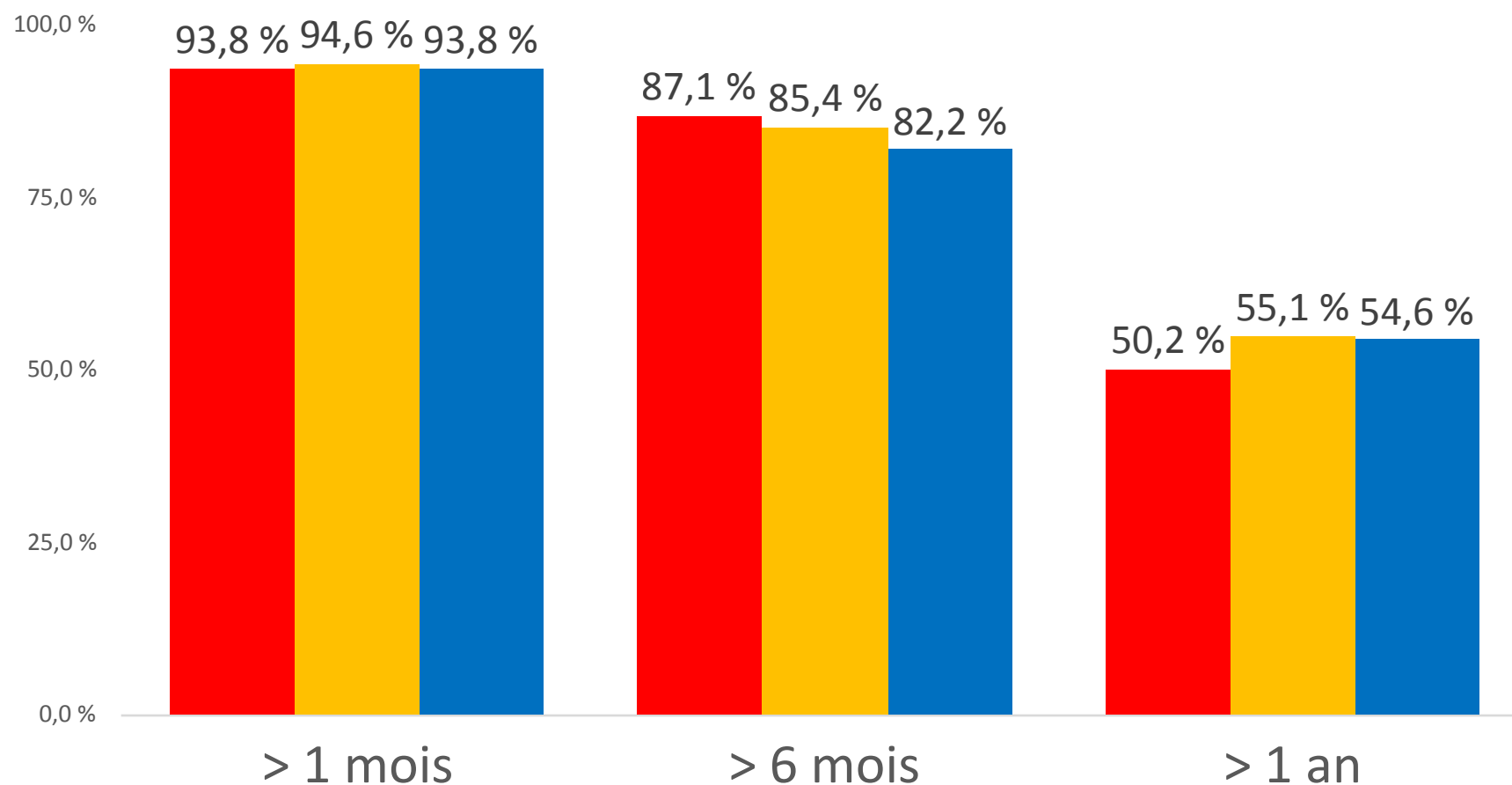




Durée DAPT

Indépendante de contexte clinique ?

■ STEMI ■ ST- ■ Stable



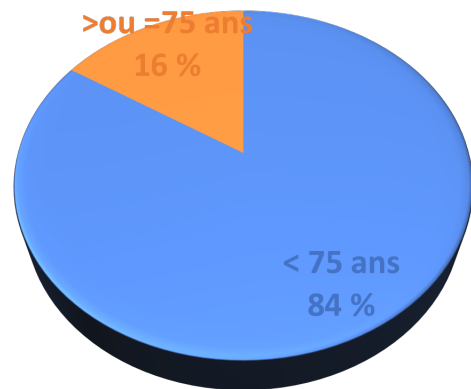
Global Leader (all comer study) vs FPCI MACE at one year

MACE at one year	Control Group Global Leader	FPCI (2014-S1 2016)
Total number of patients	N=7988	N = 10 651
All-cause mortality	1,64 %	6,0 %
Myocardial infarction	1,98 %	1,47%
Stroke	0,61%	0,71 %
Ischemic stroke	0,51%	0,38 %
Revascularisation	6,87 %	5,90 %
TVR	3,83 %	2,01 % (TLR)
Definite stent thrombosis	0,51 %	0,50 %
BARC 3 or 5 bleeding ^b	1,70 %	0,86 % (BARC 3-4-5)

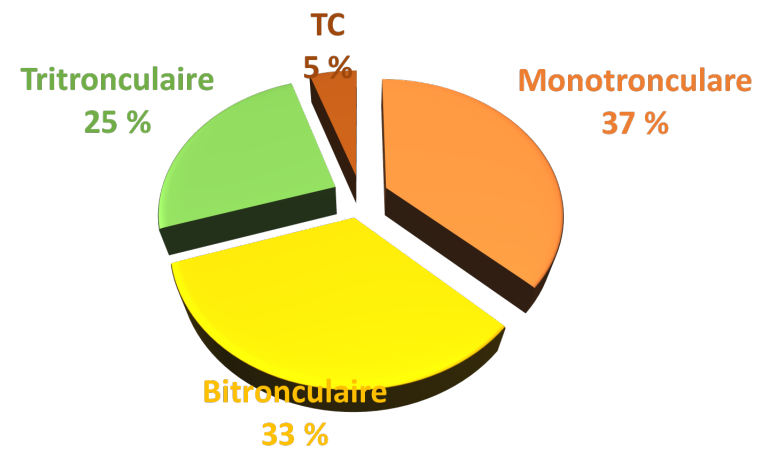
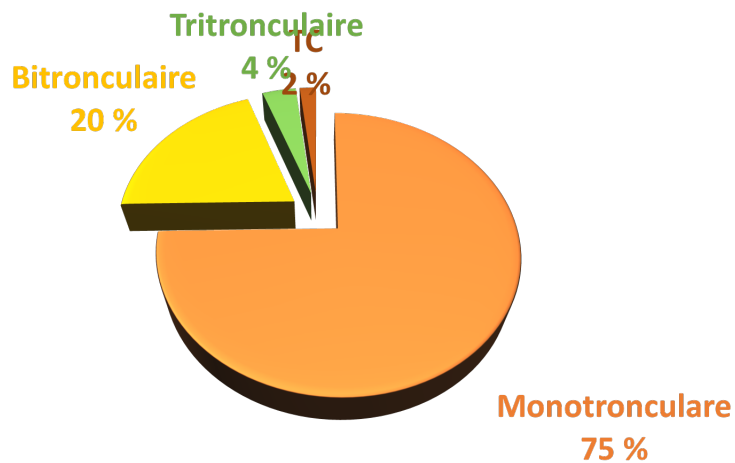
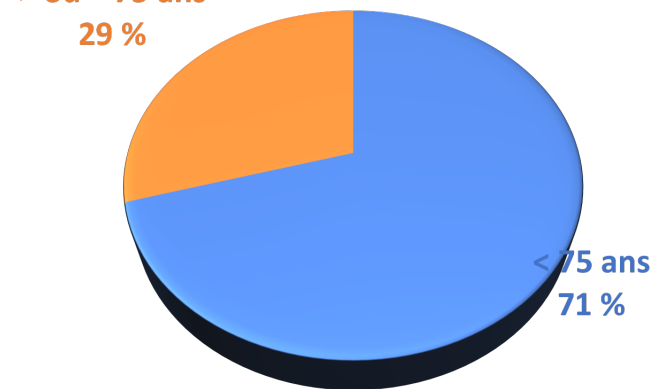


All comers but not really !

GLOBAL LEADER



FPCI





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Le futur

- ✓ Déploiement national
- ✓ Suivi électronique
- ✓ RRCT
- ✓ Thématique annuelle
- ✓ Financement institutionnel national

www.francepci.com



ACCUEIL

REGISTRE CRAC

RAPPORTS D'ACTIVITÉ CRAC

REGISTRE FRANCE PCI

NEWSLETTER (FRANCE PCI)

PUBLICATIONS

TECHNOLOGIES

NEWSLETTER

ISSUE 4/15

L'ASSOCIATION CRAC

SECRETARIAT

ACCÈS DOCTEUR

Coordonnées

Siège Social de CRAC:

7 Place Jules Moinet

27000 Chartres

Logistique "Registre CRAC - France PCI"

Unité de Recherche en Cardiologie

et Interventionnelle

Selection anatomique



Le registre CRAC, dont la méthodologie s'est fortement inspirée du registre suédois SCAAR, est un observatoire de cardiologie interventionnelle initié en 2014 en région Centre Val de Loire sur 6 centres de coronarographie, porté par les cardiologues (association CRAC) et dont l'équipe projet dépend de l'unité de recherche du service de cardiologie de l'hôpital de Chartres.

Devant son succès, il va s'étendre à d'autres régions en France et, à terme, à l'ensemble du territoire national pour devenir le registre