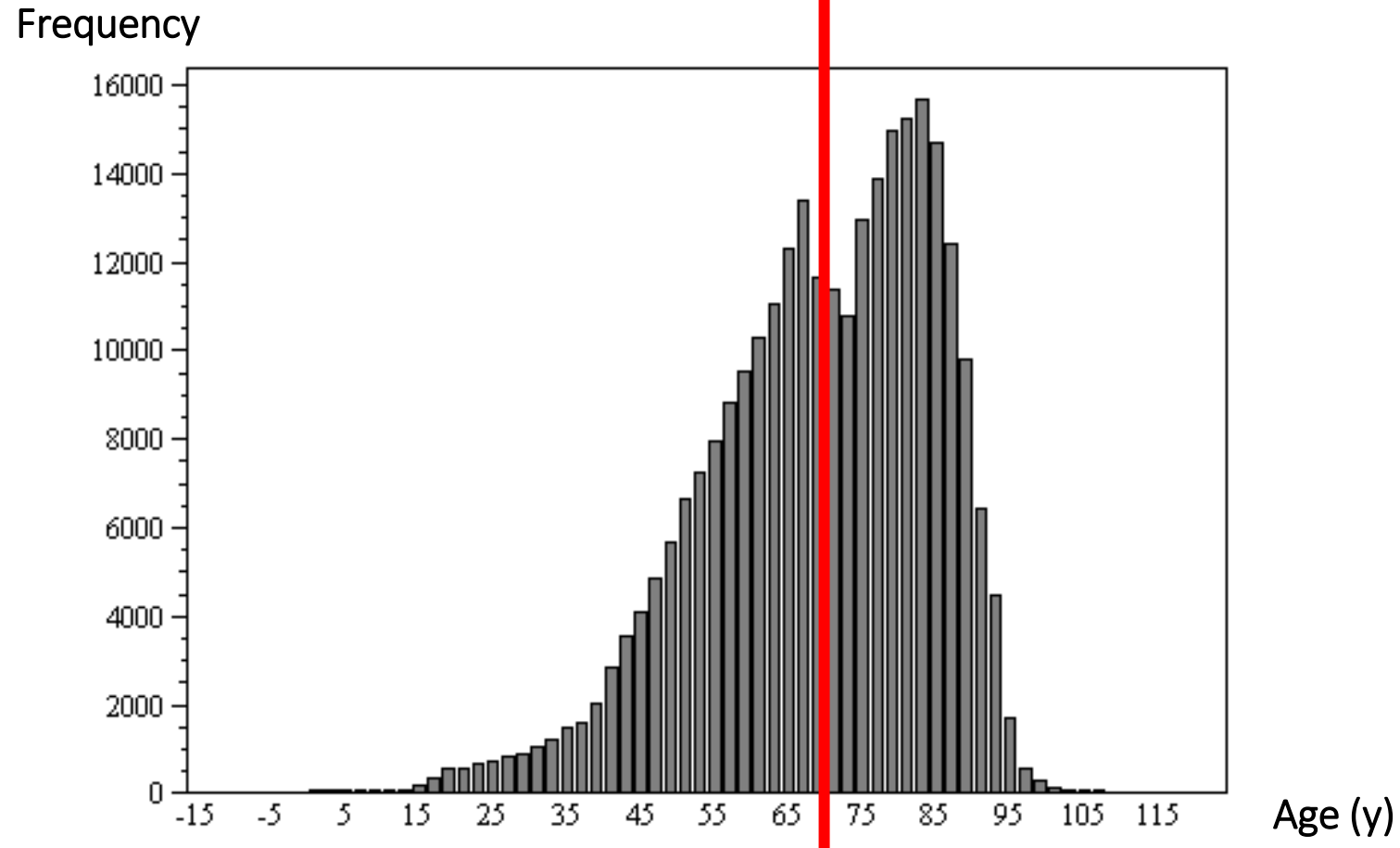


Ages



40% > 75 y
15% > 85 y

Mean	min	Q25	median	Q75	Max	Normality
68,64	0,00	59,00	71,00	81,00	122,00	Ko: p 0.010

Main characteristics of the patients admitted in the ICCUs

Age (y)	
Median, IQR	71.0 (59.0-81.0)
>75 y	116,907 (42.1%)
> 85 y	42,940 (15.5%)
>95 y (n,%)	1,507 (0.54%)
Sex ratio : men/women (n/n, % of men)	174,962/102,883 (63.0%)
Stay classification	
Surgery	35,501 (12.8%)
Interventional (non surgical)	115,063 (41.4%)
Medical management	126,839 (45.7%)

Data are presented as medians and IQR when appropriate.

Admissions/discharges

Duration of the total hospital stay (d)	
Mean	7.6
Median (IQR)	5.0 (3.0-9.0)
Duration of the ICCU stay (d)	
Mean	2.9
Median (IQR)	2.0 (1.0-4.0)

Admission		n	%
Admission	Home (with Emergency Room)	117,977	42.5
	Home (without Emergency Room)*	132,101	47.5
	Transfer	27,767	10.0
Discharge			
	Home	206,086	74.2
	Transfer	59,174	21.3
	Decease	12,581	4.5

Roubille F, *Int J Cardiol.* 2017 Aug 1;240:433-437.

*In France, patients “directly” admitted from home are managed by the prehospital medical service called SAMU (Service d’Aide Médical d’Urgence)

Data are presented as medians and IQR when appropriate.

Pathologies presented comprehensively (pathologies are grouped consistently)

Disease group	N	%	Mean stay duration (d)	Mean age (y)	Mortality (%)	Sex ratio (% men)
Acute CAD	109,342	39.3	6.7	67.4	4.0	69.2
Arrhythmias	106,432	38.3	9.6	72.4	7.8	59.8
Heart Failure	77,554	27.9	12.0	75.2	10.5	58.0
Valvular diseases	37,724	13.5	11.4	76.1	7.2	54.6
<i>P</i> -values			<0.001	<0.001	<0.001	<10 ⁻⁶

Interventions realized

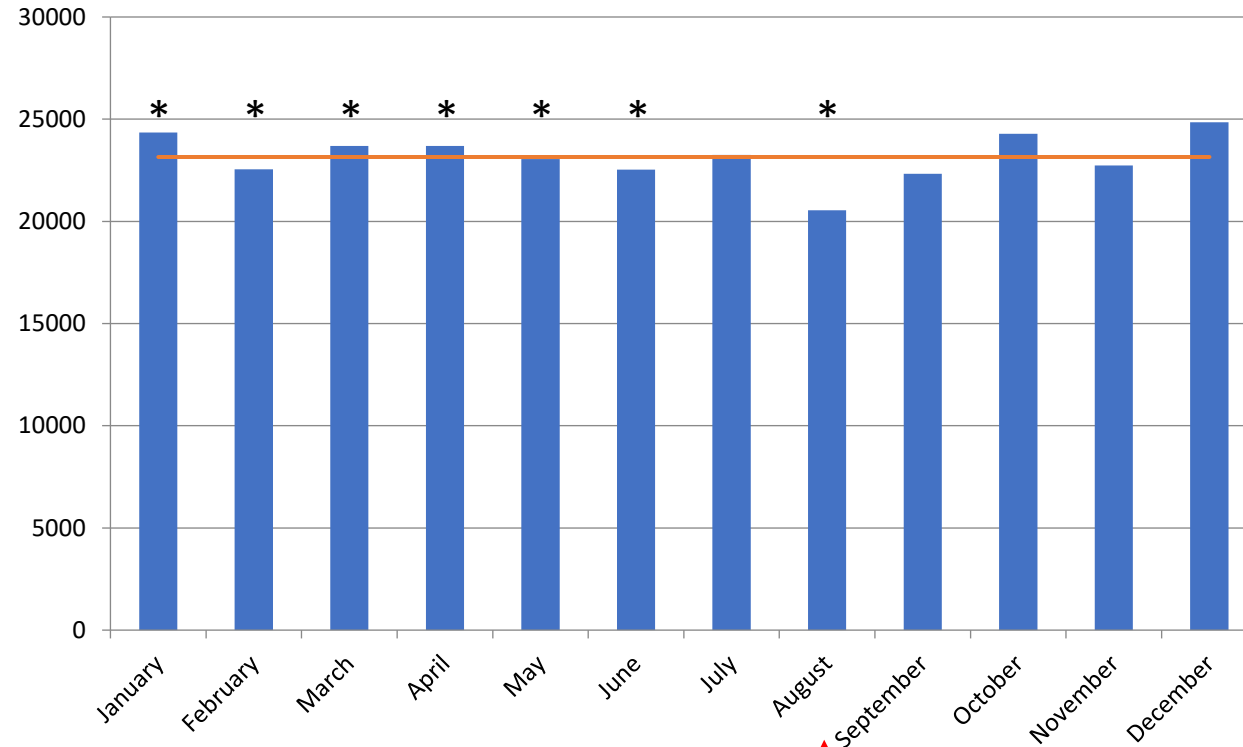
Intervention	N	%
Coronary intervention	102,279	70.8
Pacemaker/automatic implantable defibrillator	20,438	14.1
Arrhythmias ablations	7,042	4.9
Valvular surgery*	6,221	4.3
Coronary bypasses	4,097	2.8
Others	4,461	3.1
Total	144,538	100

* Including 3485 TAVIs.

Main differences between centers following the **size** of the centers

Size of the center	Age (y)	Sex ratio (%)	Mortality (%)	Stay duration (d)	% CAD	% HF
Q1	71.18	58.40	5.8	8.5	27.9	34.5
Q2	69.82	61.50	4.7	7.6	39.1	28.2
Q3	68.81	63.89	4.2	6.8	42.5	25.7
Q4	67.51	64.13	4.8	7.8	40.6	27.3
P-value	<.001	<10 ⁻⁶	<10 ⁻⁶	<0.001	<10 ⁻⁶	<10 ⁻⁶

Season variations



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Multivariate analysis of prognostic factors of in-hospital mortality among patients admitted for the same diagnosis.

Variables	Adjusted ORs	95% CI	p (Wald χ^2)
Age (≥ 71 versus < 71 years old)	2.522	2.413-2.635	$<.0001$
Acute coronary syndrome (yes versus no)	1.193	1.146-1.243	$<.0001$
Acute heart failure (yes versus no)	2.880	2.771-2.992	$<.0001$
Heart rhythm disorder (yes versus no)	1.908	1.835-1.984	$<.0001$
Centers' size			$<.0001$
Q1 ≤ 610 admissions	0.975	0.921-1.032	
Q2 ≤ 836 admissions	0.913	0.867-0.961	
Q3 ≤ 1171 admissions	0.873	0.833-0.915	
Q4 > 1171 admissions	1		