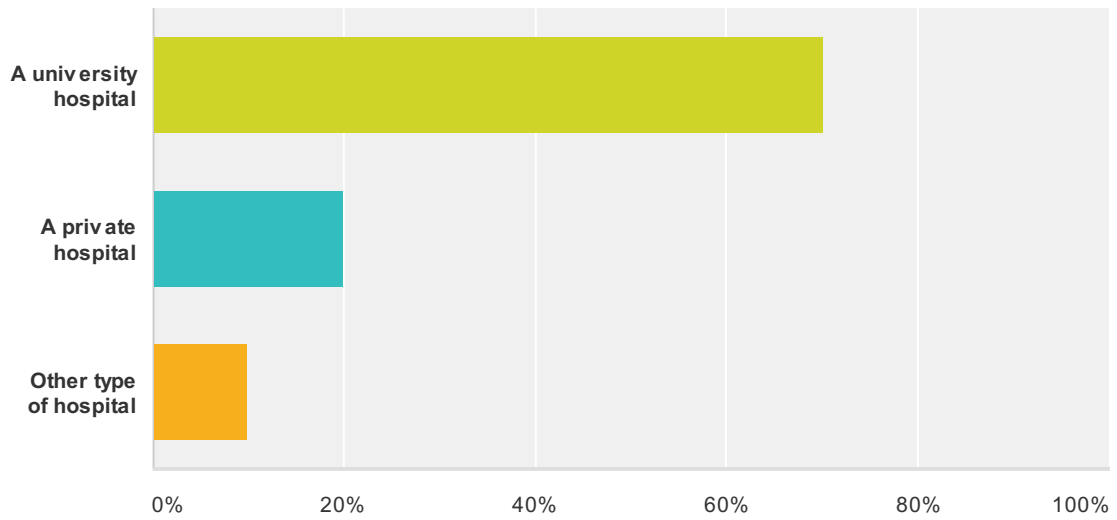


### Q1 Is your institution:

Répondues : 40 Ignorées : 0



Choix de réponses	Réponses
A university hospital	70% 28
A private hospital	20% 8
Other type of hospital	10% 4
<b>Total</b>	<b>40</b>

**Q2 In which Country and which city is your centre based ?**

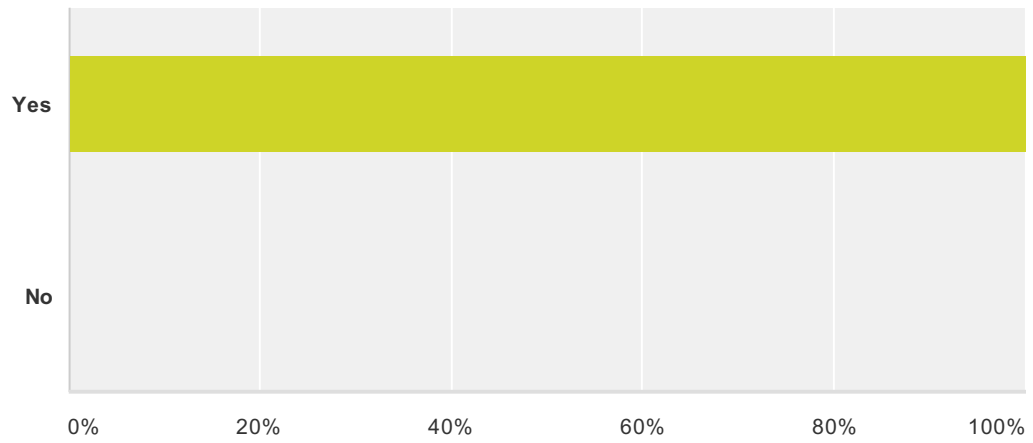
Répondues : 40 Ignorées : 0

**Q3 Your email address is:**

Répondues : 39 Ignorées : 1

### Q4 Would you be comfortable if we acknowledge your centre in the Europace Journal and on the Website ?

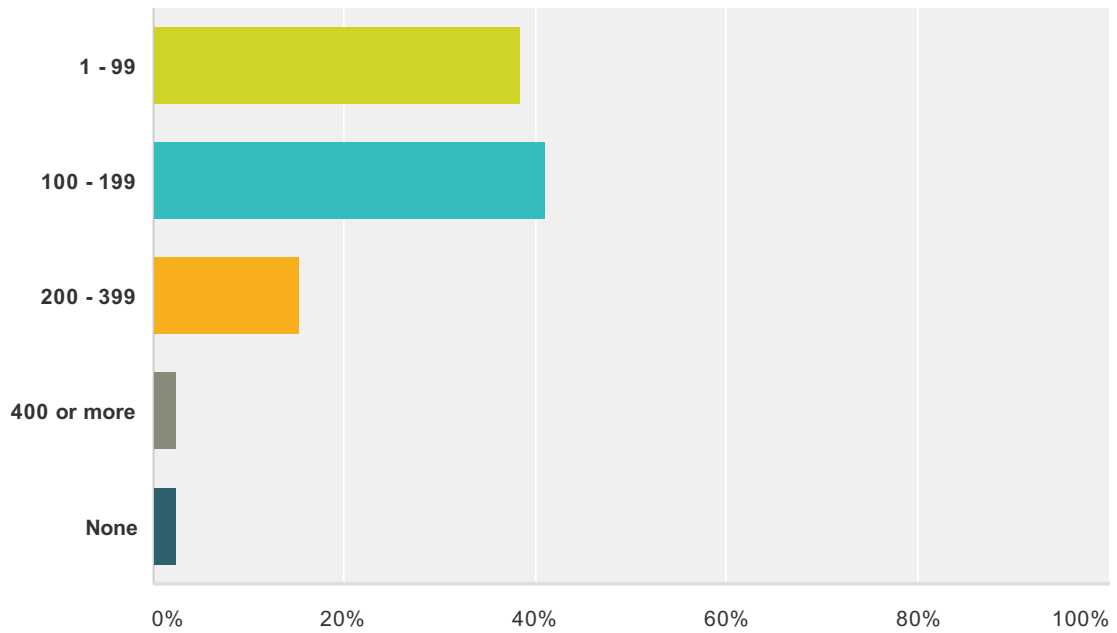
Répondues : 40 Ignorées : 0



Choix de réponses	Réponses	
Yes	100%	40
No	0%	0
<b>Total</b>		<b>40</b>

**Q5 Number of ICD implantations (Including CRT-Ds) at your institution (including box changes) last calender year :**

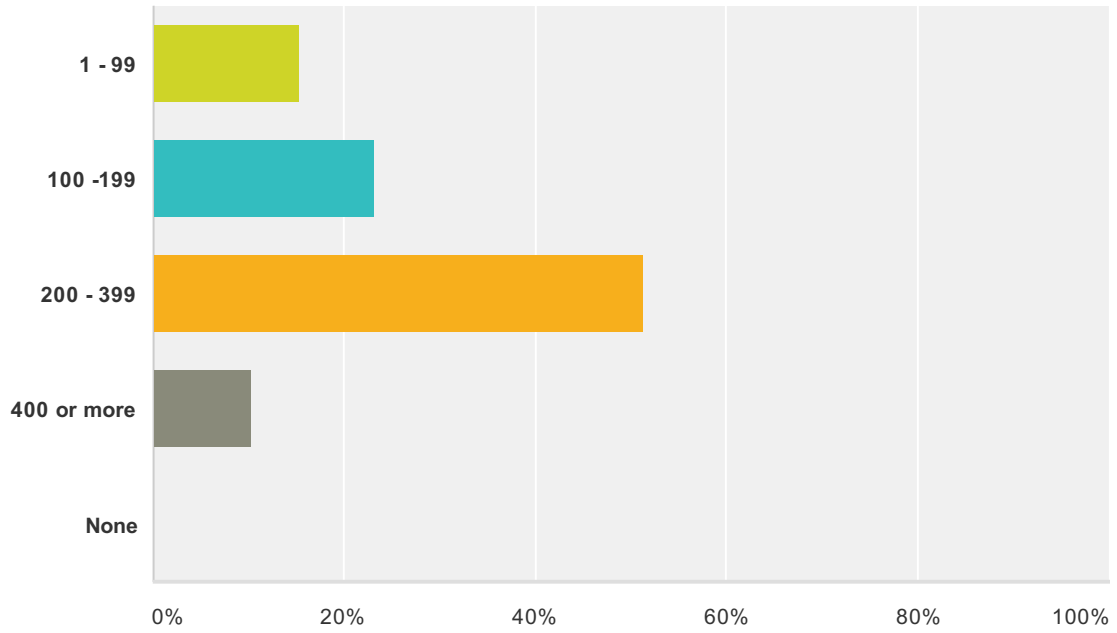
Répondues : 39 Ignorées : 1



Choix de réponses	Réponses	Count
1 - 99	38,46%	15
100 - 199	41,03%	16
200 - 399	15,38%	6
400 or more	2,56%	1
None	2,56%	1
<b>Total</b>		<b>39</b>

**Q6 Number of pacemaker implantations  
(sum of new implants and replacements) at  
your institution last calendar year :**

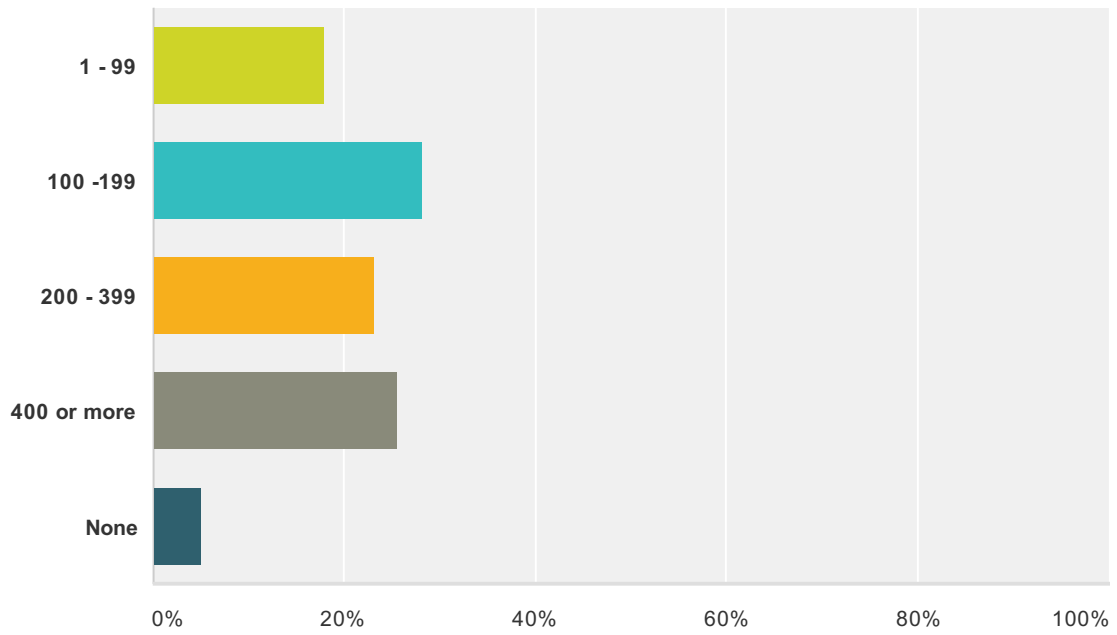
Répondues : 39 Ignorées : 1



Choix de réponses	Réponses	Réponses
1 - 99	15,38%	6
100 -199	23,08%	9
200 - 399	51,28%	20
400 or more	10,26%	4
None	0%	0
<b>Total</b>		<b>39</b>

### Q7 Total number of Catheter ablations (all types of arrhythmia) at your institution last calender year :

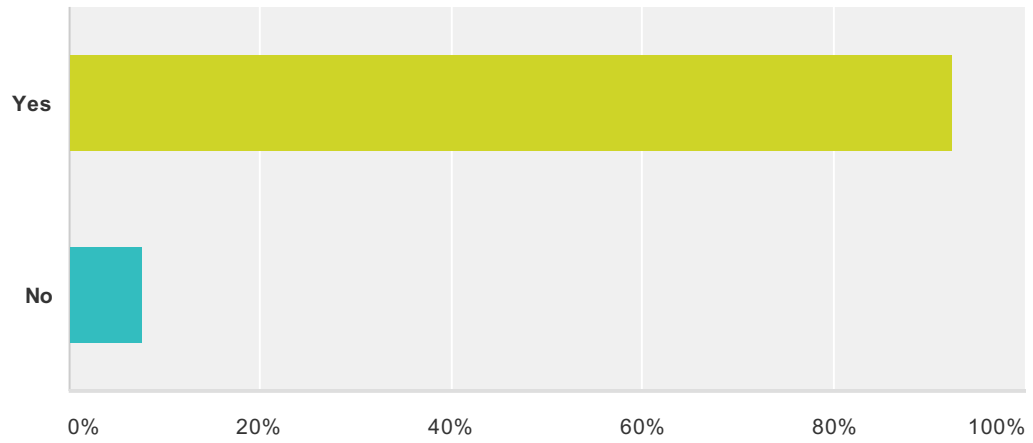
Répondues : 39 Ignorées : 1



Choix de réponses	Réponses
1 - 99	17,95% 7
100 -199	28,21% 11
200 - 399	23,08% 9
400 or more	25,64% 10
None	5,13% 2
<b>Total</b>	<b>39</b>

### Q8 Do you have a Cardiac Surgery at your institution ?

Répondues : 39 Ignorées : 1

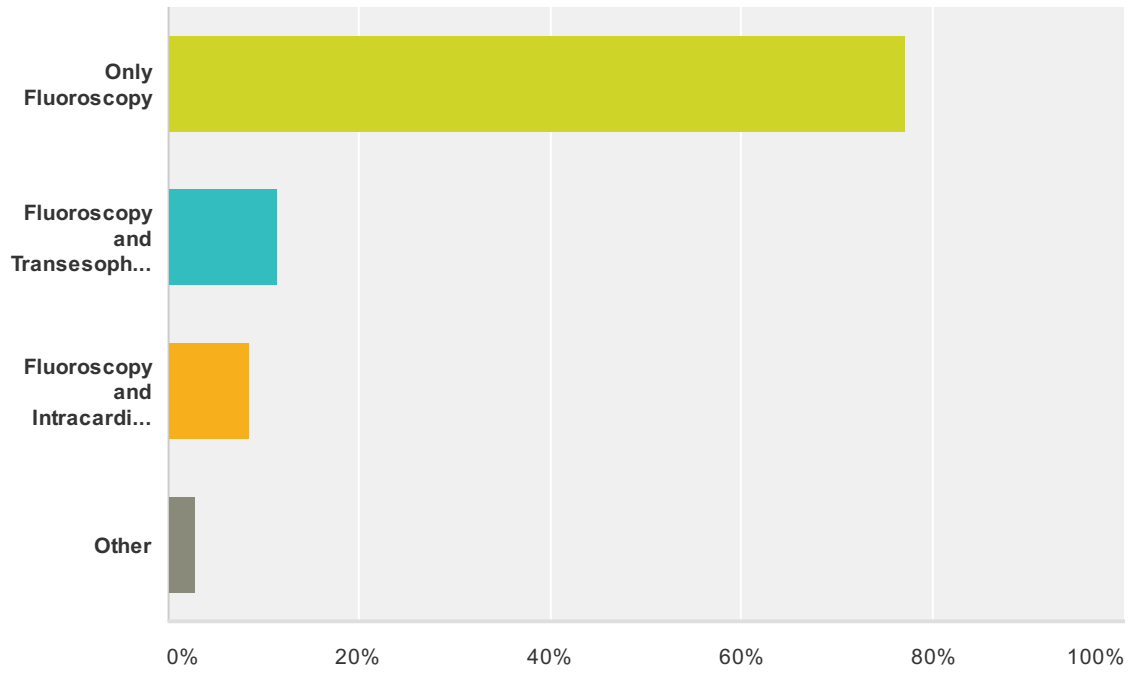


Choix de réponses	Réponses	
Yes	92,31%	36
No	7,69%	3
<b>Total</b>		<b>39</b>



### Q9 Which kind of imaging do you most often use to guide transseptal puncture ?

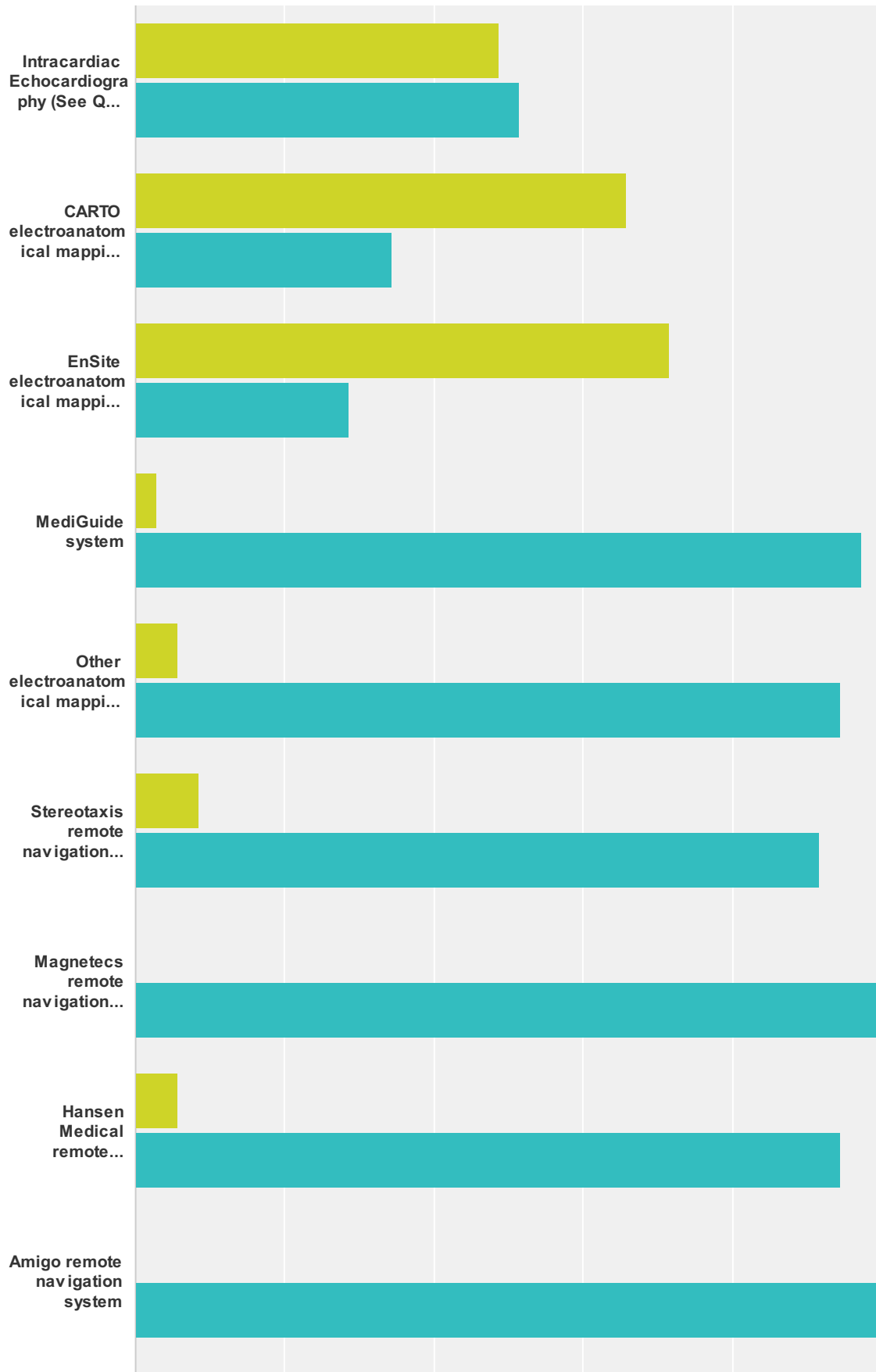
Répondues : 35 Ignorées : 5



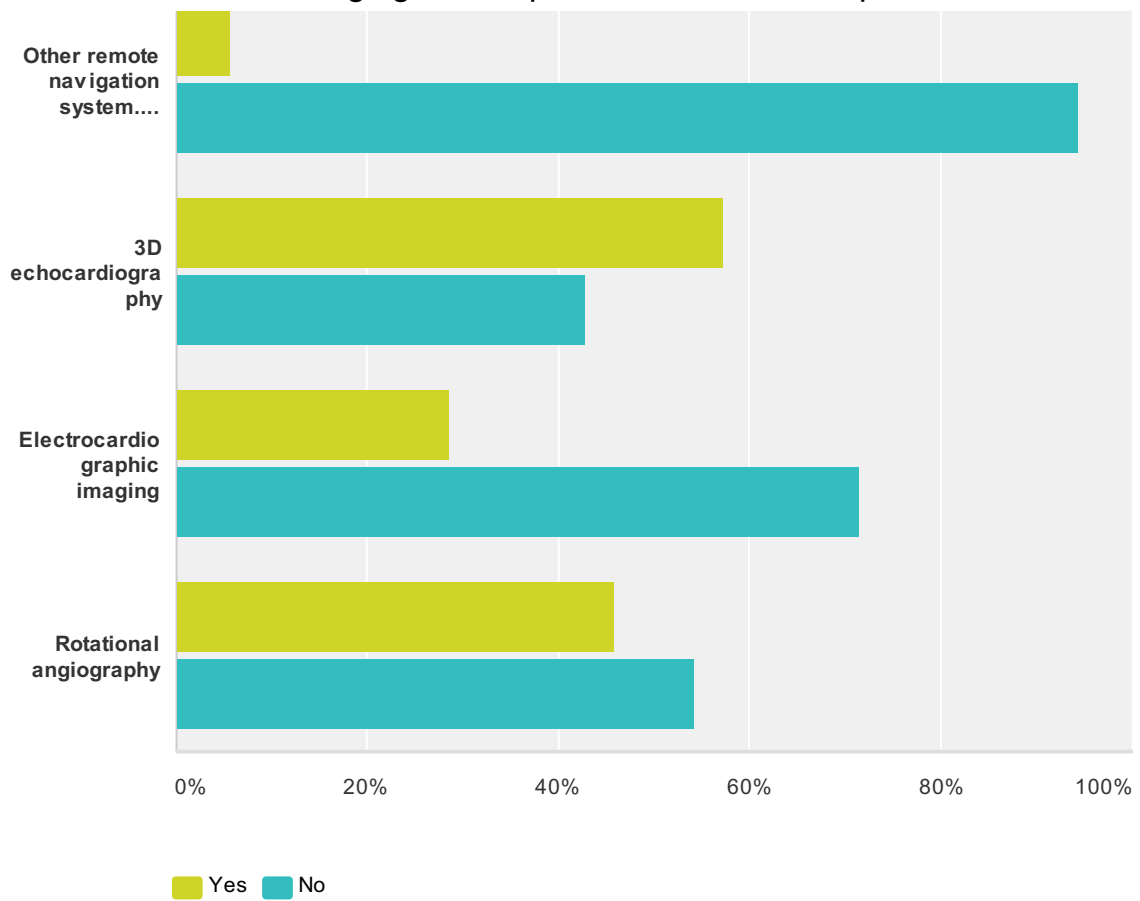
Choix de réponses	Réponses
Only Fluoroscopy	77,14% 27
Fluoroscopy and Transesophageal echocardiography	11,43% 4
Fluoroscopy and Intracardiac echocardiography	8,57% 3
Other	2,86% 1
<b>Total</b>	<b>35</b>

### Q10 Which imaging and electroanatomical mapping system do you have access to ?

Répondues : 35 Ignorées : 5



## EP WIRE on Imaging Techniques in EP and device procedures



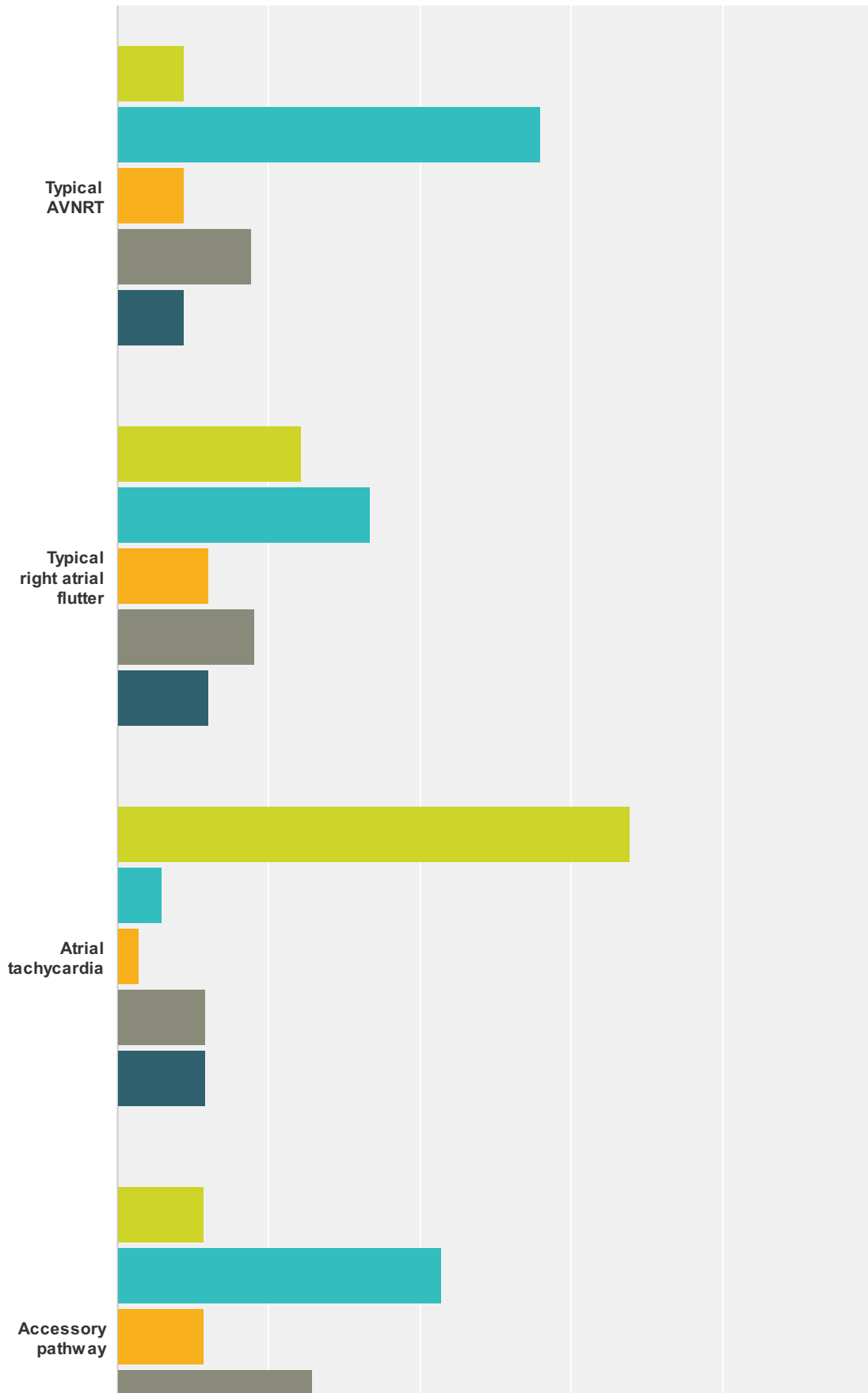
	Yes	No	Total
Intracardiac Echocardiography (See Q20 for more details)	48,57% 17	51,43% 18	35
CARTO electroanatomical mapping system	65,71% 23	34,29% 12	35
EnSite electroanatomical mapping system	71,43% 25	28,57% 10	35
MediGuide system	2,86% 1	97,14% 34	35
Other electroanatomical mapping system. Please specify (in the box below)	5,71% 2	94,29% 33	35
Stereotaxis remote navigation system	8,57% 3	91,43% 32	35
Magnetecs remote navigation system	0% 0	100% 35	35
Hansen Medical remote navigation system	5,71% 2	94,29% 33	35
Amigo remote navigation system	0% 0	100% 35	35
Other remote navigation system. Please specify (in the box below)	5,71% 2	94,29% 33	35
3D echocardiography	57,14% 20	42,86% 15	35
Electrocardiographic imaging	28,57% 10	71,43% 25	35

# EP WIRE on Imaging Techniques in EP and device procedures

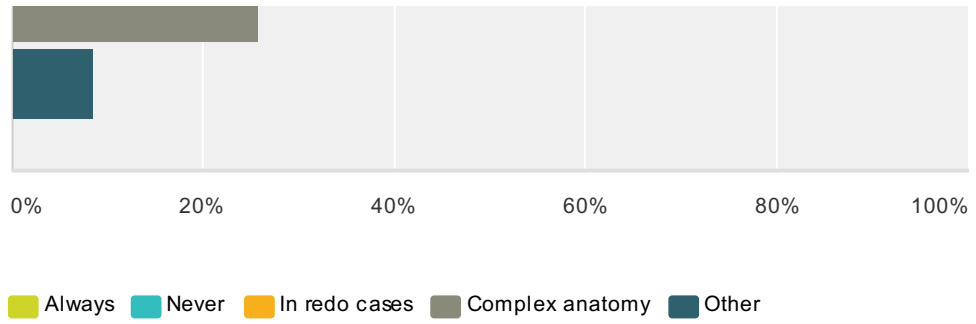
Rotational angiography	45,71% 16	54,29% 19	35
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### Q11 Do you use electroanatomic mapping during catheter ablation for:

Répondues : 35 Ignorées : 5



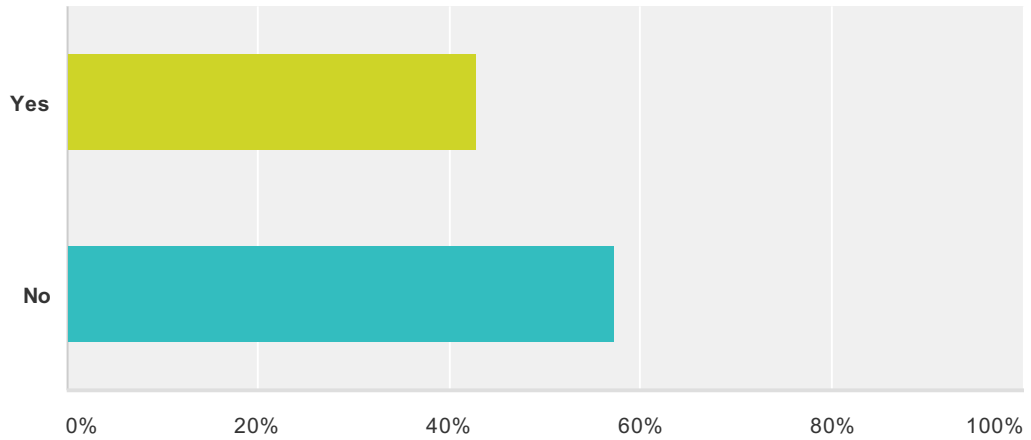
## EP WIRE on Imaging Techniques in EP and device procedures



	Always	Never	In redo cases	Complex anatomy	Other	Total
Typical AVNRT	8,82% 3	55,88% 19	8,82% 3	17,65% 6	8,82% 3	34
Typical right atrial flutter	24,24% 8	33,33% 11	12,12% 4	18,18% 6	12,12% 4	33
Atrial tachycardia	67,65% 23	5,88% 2	2,94% 1	11,76% 4	11,76% 4	34
Accessory pathway	11,43% 4	42,86% 15	11,43% 4	25,71% 9	8,57% 3	35

**Q12 Do you routinely perform real-time integration of cardiac computed tomography/magnetic resonance and nonfluoroscopic electroanatomic mapping during catheter ablation for AF?**

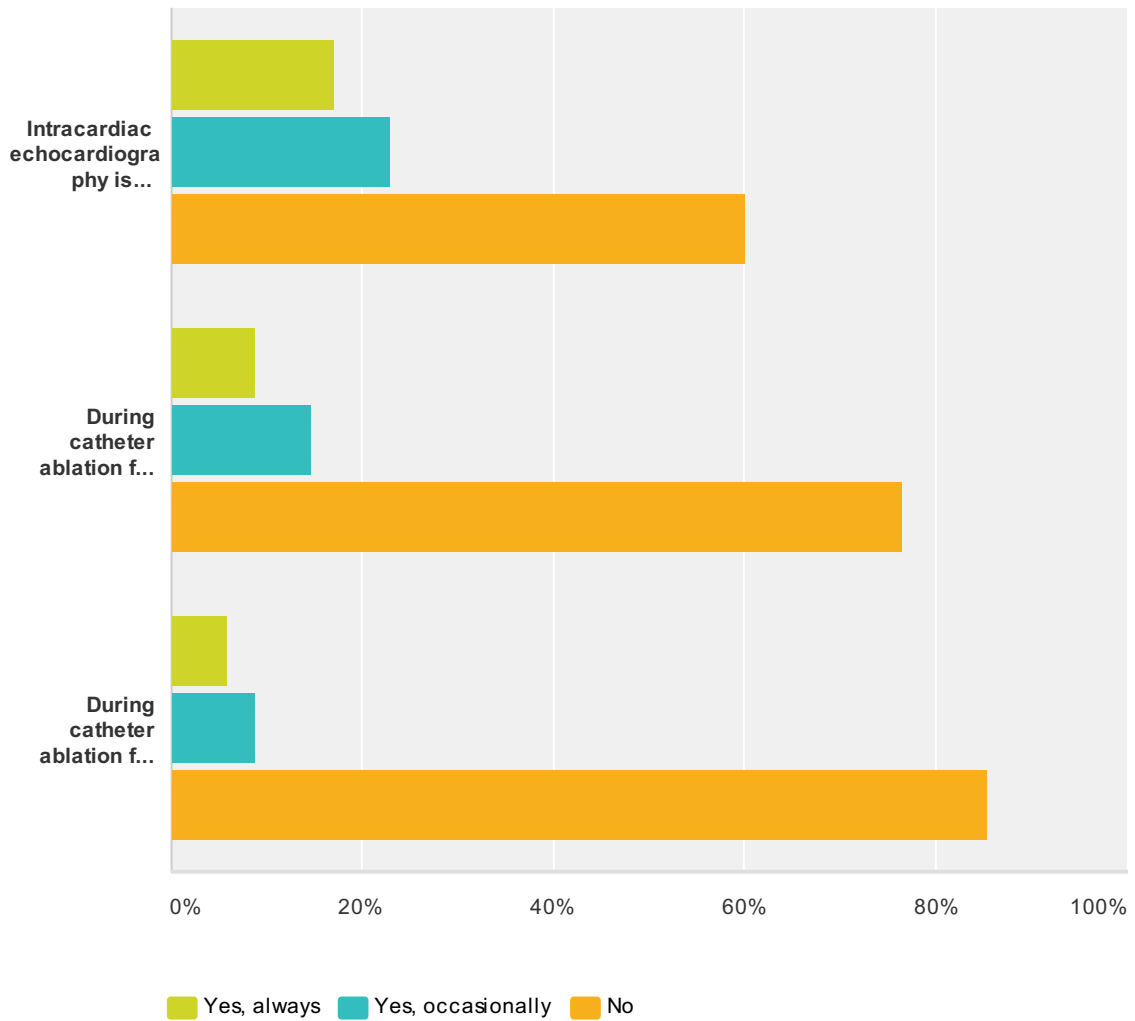
Répondues : 35 Ignorées : 5



Choix de réponses	Réponses	
Yes	42,86%	15
No	57,14%	20
<b>Total</b>		<b>35</b>

### Q13 Do you perform real-time integration of intracardiac echocardiography and electroanatomic mapping?

Répondues : 35 Ignorées : 5

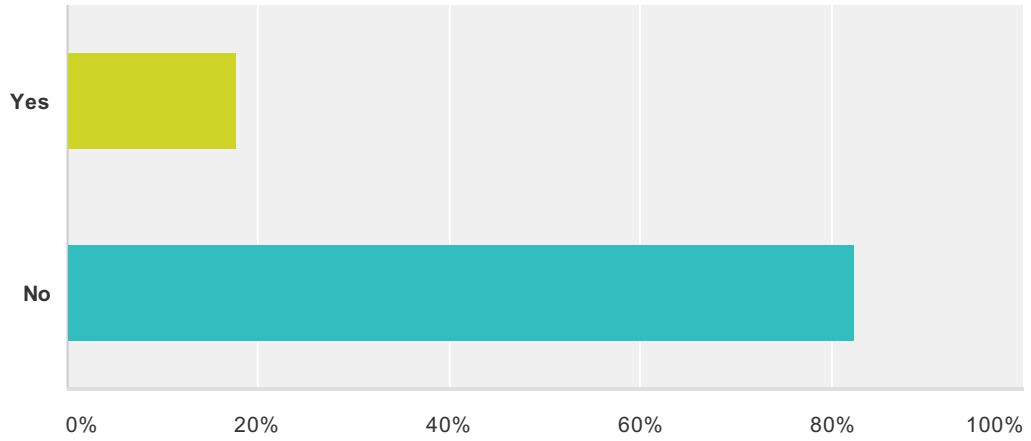


	Yes, always	Yes, occasionally	No	Total
Intracardiac echocardiography is available in our Department	17,14% 6	22,86% 8	60% 21	35
During catheter ablation for AF	8,82% 3	14,71% 5	76,47% 26	34
During catheter ablation for VT	5,88% 2	8,82% 3	85,29% 29	34



### Q14 Is rotational angiography used in your institution to guide AF catheter ablation?

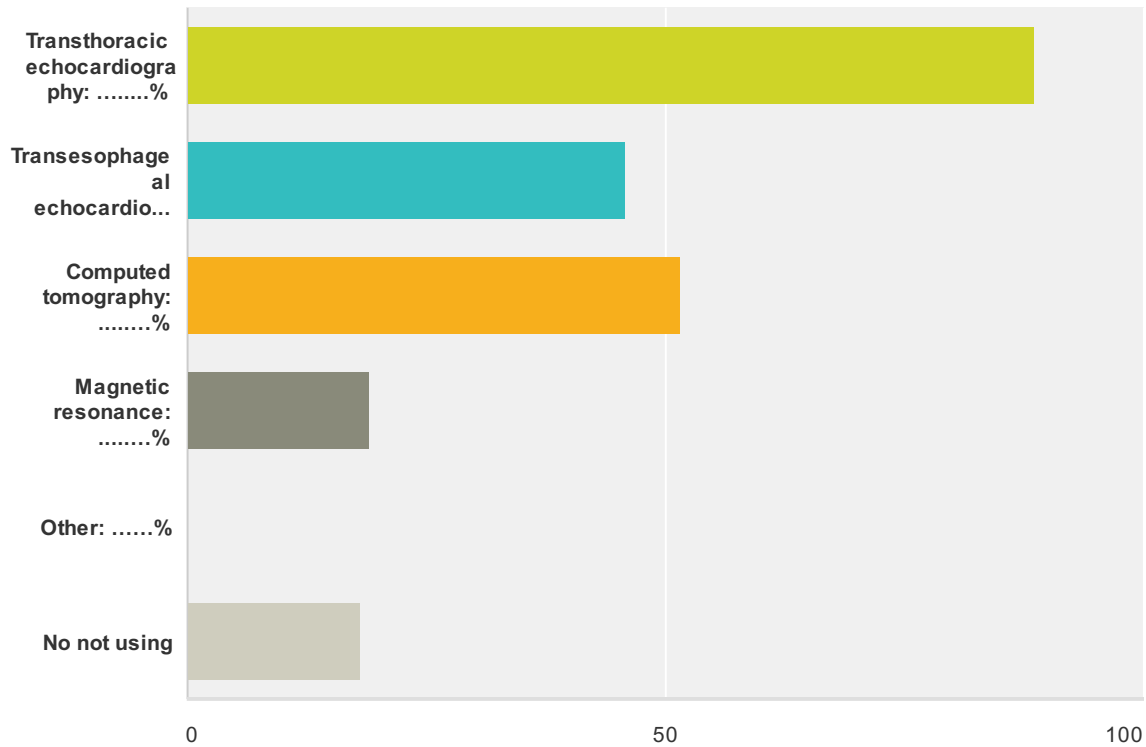
Répondues : 34 Ignorées : 6



Choix de réponses	Réponses	
Yes	17,65%	6
No	82,35%	28
<b>Total</b>		<b>34</b>

### Q15 Do you routinely perform imaging before AF ablation to evaluate the LA size and/or volume?

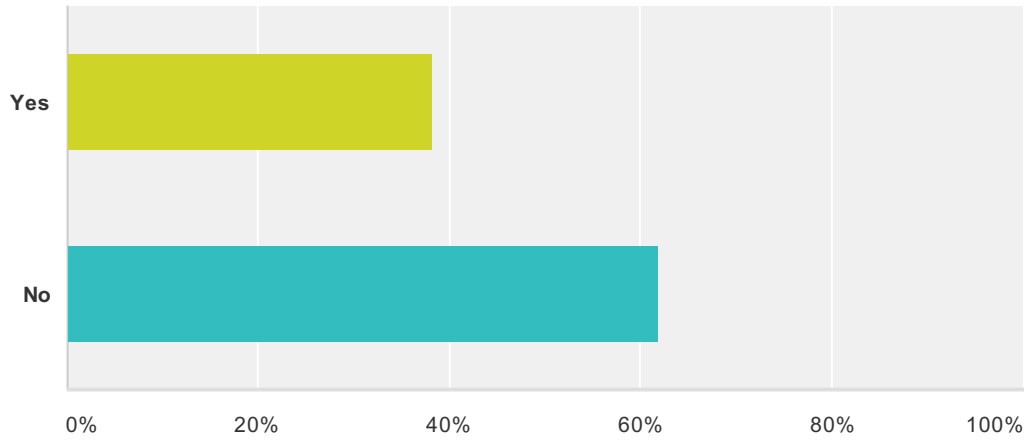
Répondues : 34 Ignorées : 6



Choix de réponses	Moyenne	Total	Réponses
Transthoracic echocardiography: .....%	88	2 740	31
Transesophageal echocardiography: .....%	46	1 325	29
Computed tomography: .....%	52	1 445	28
Magnetic resonance: .....%	19	497	26
Other: .....%	0	0	15
No not using	18	200	11
<b>Nombre total de répondants : 34</b>			

**Q16 Do you routinely perform evaluation of the LA function after catheter ablation for AF using 2-D or real-time 3-D echocardiography**

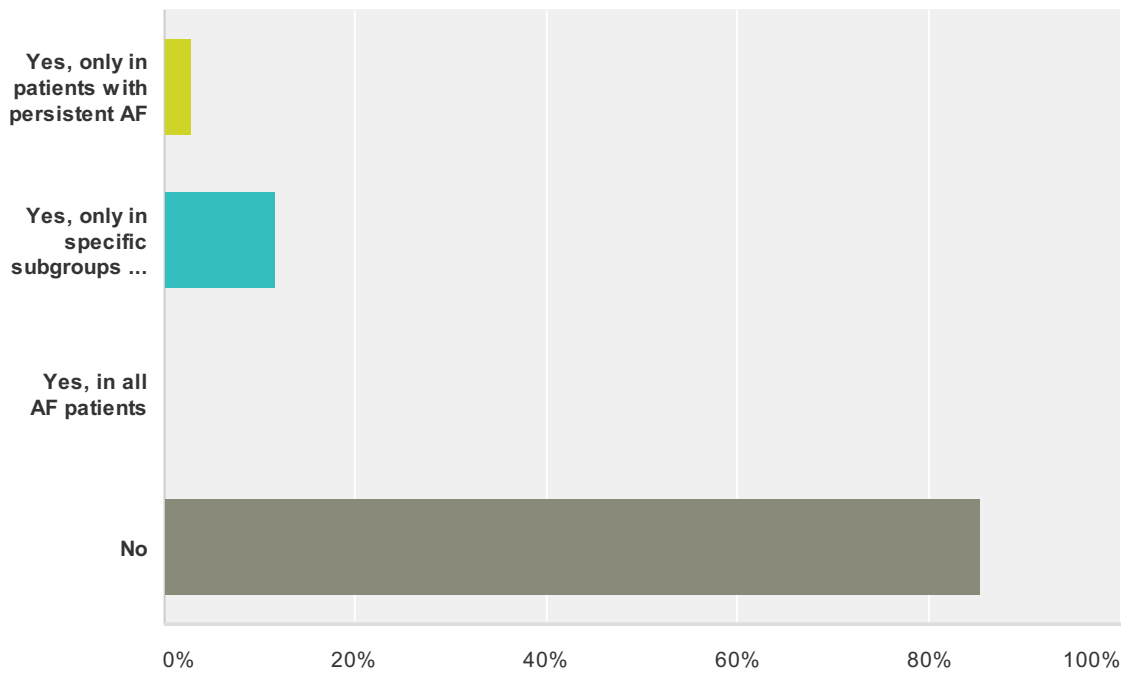
Répondues : 34 Ignorées : 6



Choix de réponses	Réponses	
Yes	38,24%	13
No	61,76%	21
<b>Total</b>		<b>34</b>

### Q17 Do you perform delayed-enhancement cardiac magnetic resonance to guide selection of patients for AF ablation?

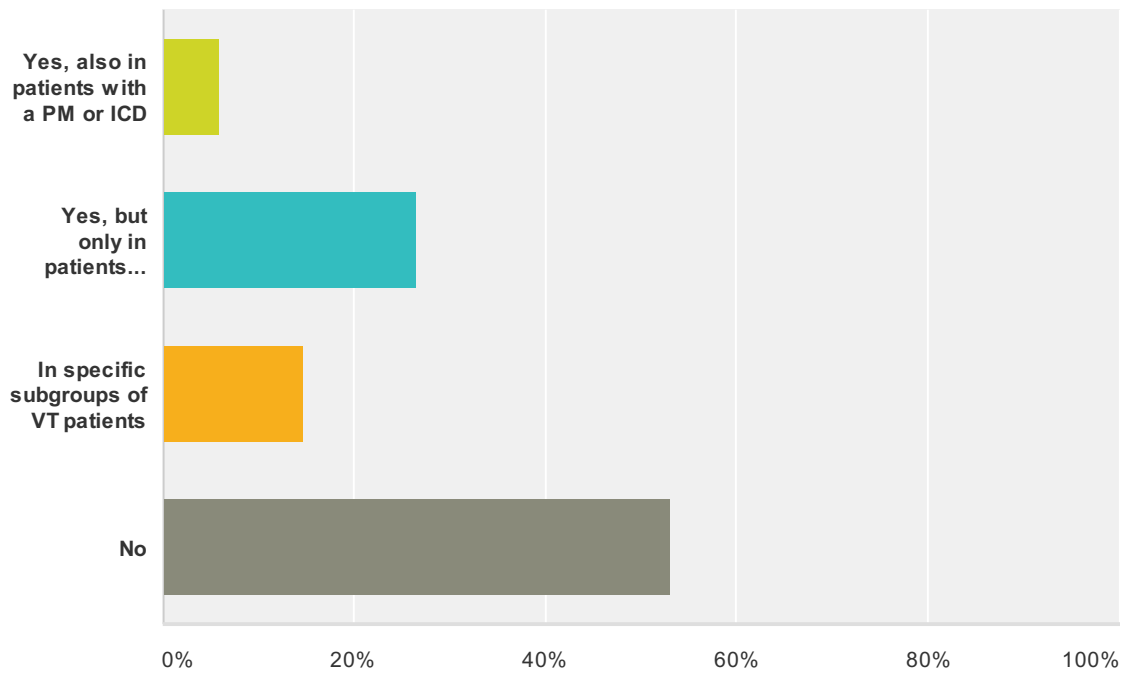
Répondues : 34 Ignorées : 6



Choix de réponses	Réponses
Yes, only in patients with persistent AF	2,94% 1
Yes, only in specific subgroups of AF patients (please specify): ...	11,76% 4
Yes, in all AF patients	0% 0
No	85,29% 29
<b>Total</b>	<b>34</b>

### Q18 Do you perform delayed-enhancement cardiac magnetic resonance to guide VT ablation?

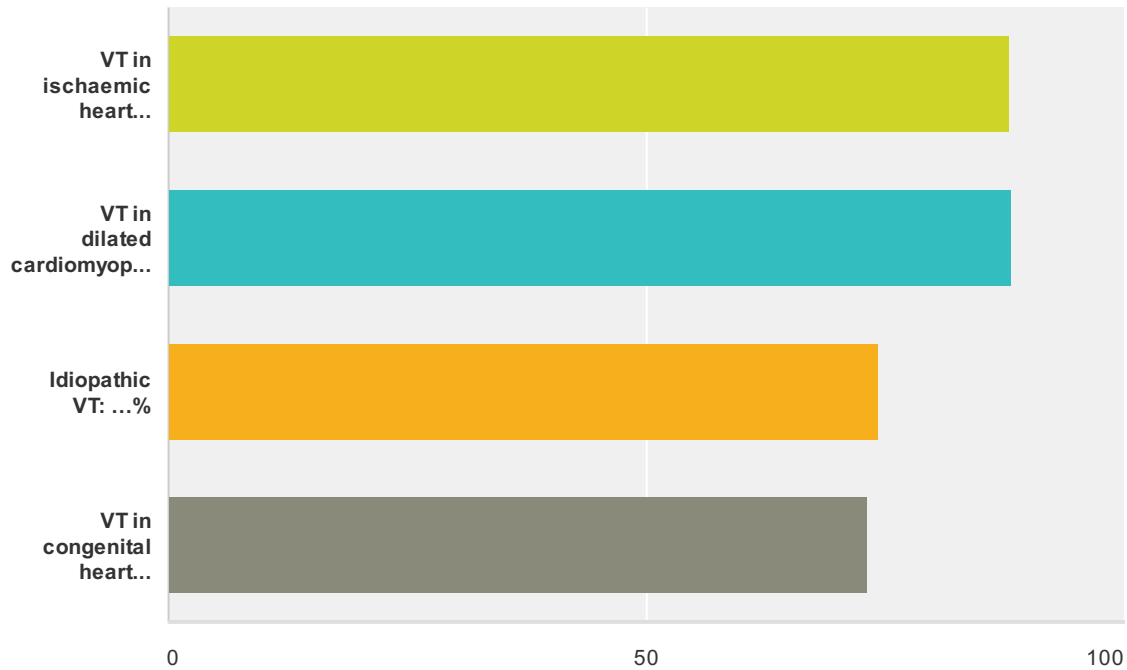
Répondues : 34 Ignorées : 6



Choix de réponses	Réponses
Yes, also in patients with a PM or ICD	5,88% 2
Yes, but only in patients without a PM or ICD	26,47% 9
In specific subgroups of VT patients	14,71% 5
No	52,94% 18
<b>Total</b>	<b>34</b>

**Q19 In what percentage of procedures do you use electroanatomic mapping during catheter ablation for VT? Results from a. to d. are NOT cumulative!**

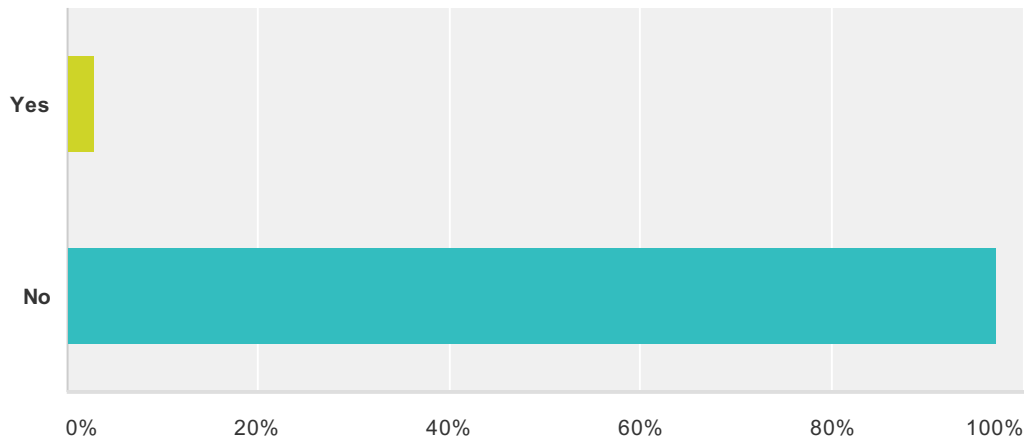
Répondues : 34 Ignorées : 6



Choix de réponses	Moyenne	Total	Réponses
VT in ischaemic heart disease: ...%	88	2 985	34
VT in dilated cardiomyopathy: ...%	88	2 995	34
Idiopathic VT: ...%	74	2 525	34
VT in congenital heart disease: ...%	73	2 480	34
<b>Nombre total de répondants : 34</b>			

**Q20 Do you use electrocardiographic imaging (a multielectrode vest records body-surface electrocardiograms which are reconstructed on the heart's surface using geometrical information from computed tomography and a mathematical algorithm) to guide catheter ablation?**

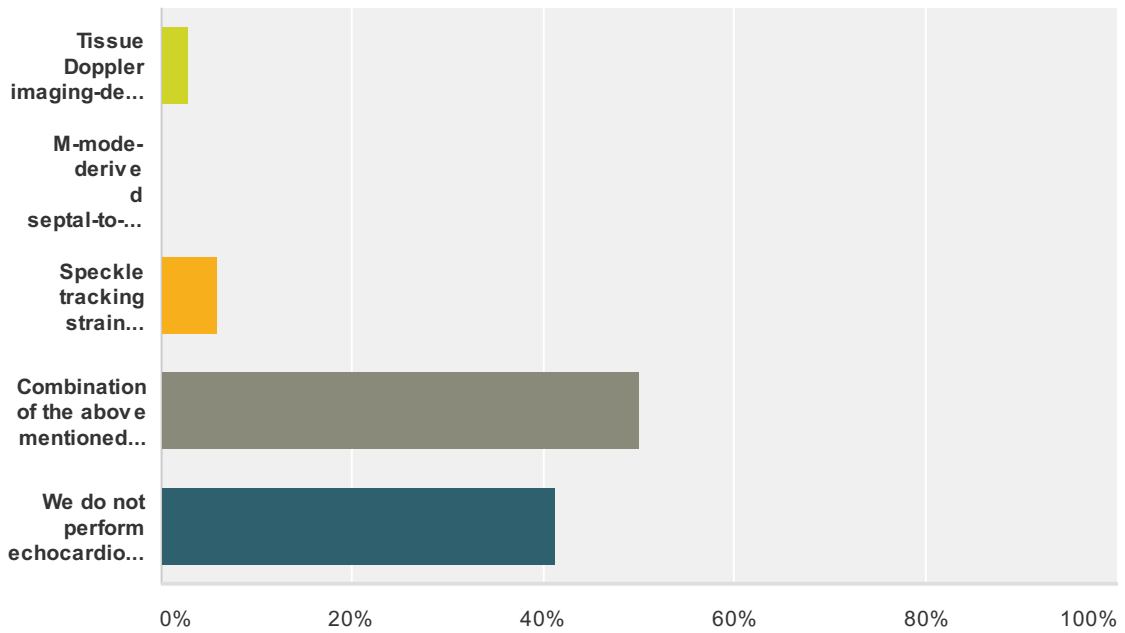
Répondues : 34 Ignorées : 6



Choix de réponses	Réponses	
Yes	2,94%	1
No	97,06%	33
<b>Total</b>		<b>34</b>

### Q21 Which echocardiographic criteria do you use to predict a favorable response to CRT?

Répondues : 34 Ignorées : 6

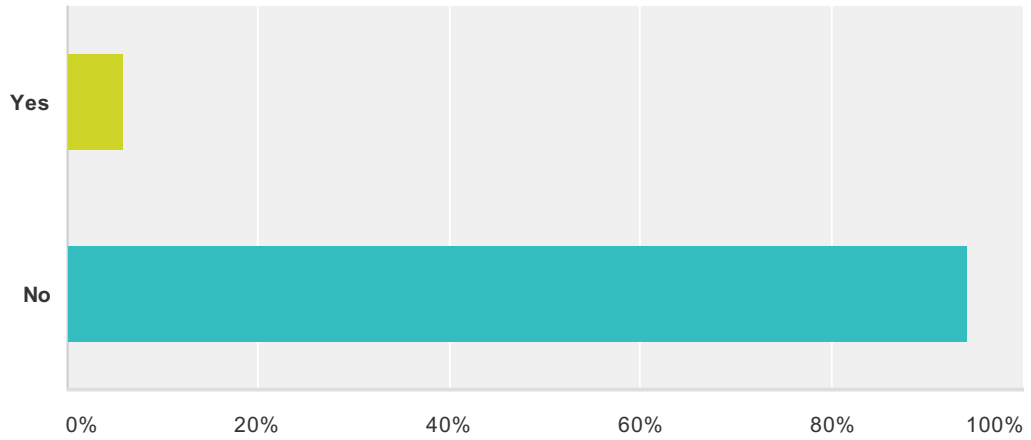


Choix de réponses	Réponses
Tissue Doppler imaging-derived parameters	2,94% 1
M-mode-derived septal-to-posterior wall motion delay	0% 0
Speckle tracking strain analysis	5,88% 2
Combination of the above mentioned parameters	50% 17
We do not perform echocardiography to predict response to CRT	41,18% 14
<b>Total</b>	<b>34</b>



**Q22 Do you routinely perform cardiac computed tomography before LV lead implantation to evaluate coronary venous anatomy?**

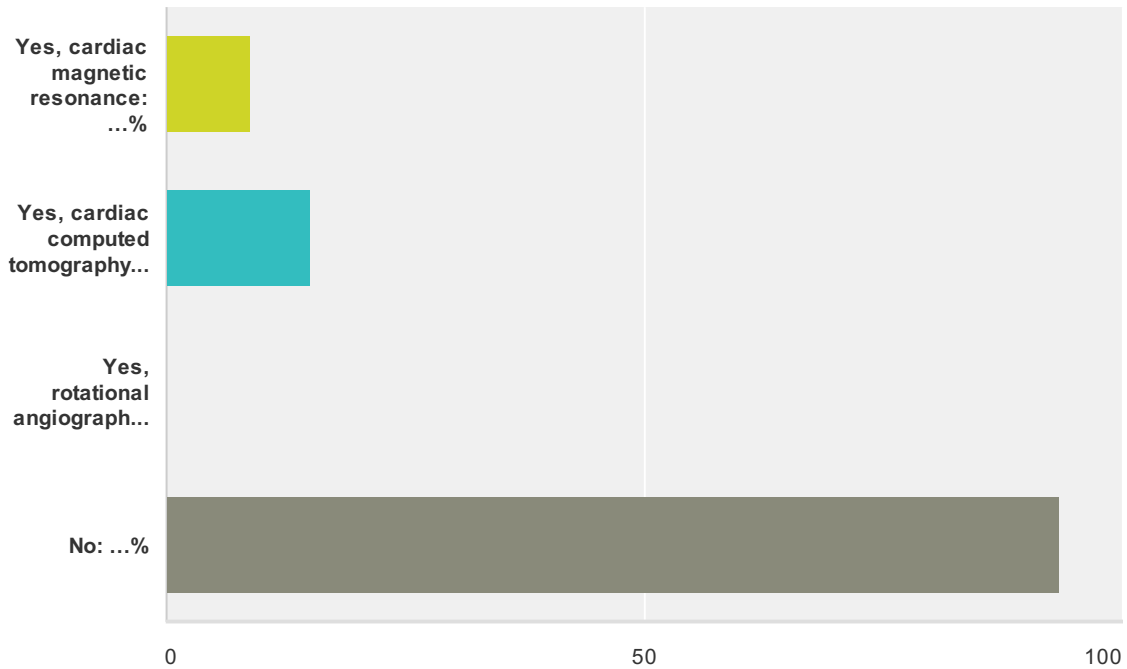
Répondues : 34 Ignorées : 6



Choix de réponses	Réponses	
Yes	5,88%	2
No	94,12%	32
<b>Total</b>		<b>34</b>

**Q23 Do you routinely use an imaging technique before LV lead implantation to identify the most optimal site for lead positioning (evaluation of presence of scar or local contractility etc)? Total should be 100%**

Répondues : 34 Ignorées : 6



Choix de réponses	Moyenne	Total	Réponses
Yes, cardiac magnetic resonance: ...%	9	143	16
Yes, cardiac computed tomography: ...%	15	272	18
Yes, rotational angiography: ...%	0	2	16
No: ...%	93	2 983	32
<b>Nombre total de répondants : 34</b>			