

EP WIRE on Periprocedural Anticoagulation Therapy




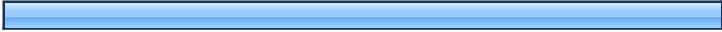



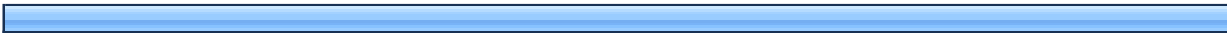

1. How many devices (Pacemakers, ICD) are performed at your centre?

	Response Average	Response Total	Response Count
Total Number (Approx in 2011) (N° of patients)	495.09	32,676	66
- Pacemakers	302.42	22,077	73
- ICD	131.38	9,591	73
- CRT	85.19	6,219	73
	answered question		73
	skipped question		1

2. Overall on oral anticoagulant (OAC) %

	Response Average	Response Total	Response Count
- VKA eg warfarin	30.33	2,184	72
- New oral anticoagulant (eg, dabagatran, rivaroxaban, etc)	1.58	114	72
- Antiplatelet drug (eg aspirin, clopidogrel, prasugrel etc)	50.49	3,686	73
- No antithrombic drug	39.30	2,790	71
	answered question		73
	skipped question		1

3. For non-valve patients on OAC, what is your general practice? In patients with ICD / PM :

		Response Percent	Response Count
a) Stop and bridge with heparin (iv or LMWH) (Yes - No)		97.3%	71
- If yes, how many days prior would you stop OAC?		56.2%	41
- When OAC is restarted? (Same day / day after) Give clear alternatives		64.4%	47
If VKA, do you use a loading dose? (Yes - No)		64.4%	47
Protamin		57.5%	42
b) Perform procedure whilst still on OAC (Yes-No)		95.9%	70
If on VKA , what upper limit of INR is accepted?		86.3%	63
If the patient has coronary artery disease and a stent (<12 Months),			

do you stop
clopidogrel/prasugrel/ticagrelor (Yes
- No)



93.2%

68

answered question

73

skipped question

1

4. For non-valve patients on OAC, what is your general practice? In patients with CRT :

		Response Percent	Response Count
a) Stop and bridge with heparin (iv or LMWH) (Yes - No)		95.9%	70
- If yes, how many days prior would you stop OAC?		56.2%	41
- When OAC is restarted? (Same day / day after) Give clear alternatives		63.0%	46
If VKA, do you use a loading dose? (Yes -No)		65.8%	48
Protamin		54.8%	40
b) Perform procedure whilst stil on OAC (Yes-No)		94.5%	69
If on VKA , what upper limit of INR is accepted?		83.6%	61
If the patient has coronary artery disease and a stent (<12 Months),			

do you stop
clopidogrel/prasugrel/ticagrelor (Yes
- No)



91.8%

67


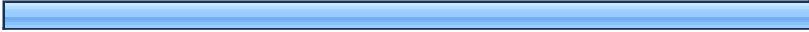





answered question

73



skipped question

1

5. If patients on OAC due to prosthetic valve, what is your general practice?

		Response Percent	Response Count
Stop and bridge with heparin (iv or LMWH)		93.2%	68
- If stop, how many days prior would you stop OAC?		63.0%	46
- When OAC is restarted? (same day, day after?)		63.0%	46
- If VKA , do you use a loading dose?		68.5%	50
Do you use protamin to reverse the heparin bridge?		75.3%	55
Perform procedure whilst still on OAC		97.3%	71
If on VKA, what INR is accepted?		87.7%	64
answered question			73
skipped question			1

6. If the patient is on antiplatelet therapy, do you stop ?

		Response Percent	Response Count
Yes		21.9%	16
No		78.1%	57
	If you stop, how many days before?		16
answered question			73
skipped question			1

7. Tick your own:

Click on the arrow

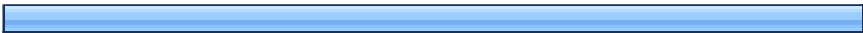
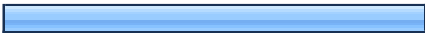
	Yes	No	Response Count
Do you routinely estimate stroke risk (eg CHADS2, CHA2DS2-VASc)?	95.9% (70)	4.1% (3)	73
Does this influence your antithrombic drug regime?	93.2% (68)	6.8% (5)	73
answered question			73
skipped question			1

8. Tick your own :



Click on the arrow

	Yes	No	Response Count
Do you estimate bleeding risk (eg HAS-BLED)?	60.3% (44)	39.7% (29)	73
Does this influence your antithrombic drug regime?	55.6% (40)	44.4% (32)	72
answered question			73
skipped question			1

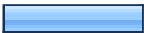

9. For Pacemakers, what method of vascular access for a patient whilst still on OAC ?

		Response Percent	Response Count
Direct cephalic cannulation		67.1%	49
Subclavian puncture		32.9%	24
answered question			73
skipped question			1



10. What is your approximate rate of haematoma?

		Response Percent	Response Count
For patients on OAC		92.9%	52
For patients on antiplatelet		98.2%	55
answered question			56
skipped question			18

11. Do you routinely use wound drainage in your patients on OAC?

		Response Percent	Response Count
Yes		10.7%	6
No		89.3%	50
answered question			56
skipped question			18

12. Do you routinely use wound drainage in your patients NOT on OAC?

		Response Percent	Response Count
Yes		3.6%	2
No		96.4%	54
answered question			56
skipped question			18

13. How many coronary sinus perforations do you have during your CRT procedure? (In last year - approximate)

		Response Count
		73
answered question		73
skipped question		1

14. How many of these patients were on anticoagul Rx? (In last year - approximate)

	Response Count
	73
answered question	73
skipped question	1

15. How many ablations are performed at your centre?

		Response Percent	Response Count
Total number in 2011 (N°)		100.0%	63
Overall on oral anticoagulant (%)		96.8%	61
- VKA		93.7%	59
- New Oral Anticoagulant see above comments made		92.1%	58
Antiplatelet drug (eg. aspirin, clopidogrel, prasugrel etc)		96.8%	61
No antithrombic drug		93.7%	59
		answered question	63
		skipped question	11



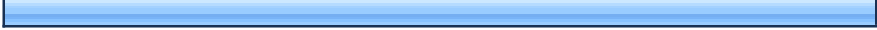




16. For non-valve patients on OAC, what is your general practice? Comments as above under devices.

		Response Percent	Response Count
Stop and bridge with heparin (iv or LMWH) (Yes / No)		96.8%	61
How many hours is heparin stopped prior puncture? (X hours)		68.3%	43
- If stop, how many days prior would you stop OAC? (X Days)		65.1%	41
- When OAC is restarted? (Same day, day after?)		68.3%	43
- If VKA, do you use a loading dose regime? (Yes / No)		71.4%	45
- Do you use protamin to reverse the heparin bridging if used? (Yes / No)		74.6%	47
Perform procedure whilst still on OAC (Yes / No)		95.2%	60
If on VKA, what INR is accepted?		76.2%	48

answered question 63

skipped question 11

17. If patient on OAC due to prosthetic valve, what is your general practice?

		Response Percent	Response Count
Stop and bridge with heparin (iv or LMWH)		93.7%	59
- If stop, how many days prior would you stop OAC?		65.1%	41
- When OAC is restarted? (Same day, day after?)		68.3%	43
- If VKA, do you use a loading dose regime?		68.3%	43
- Do you use protamin to reverse the heparin bridge?		68.3%	43
Perform procedure whilst still on OAC		96.8%	61
If on VKA, what INR is accepted?		79.4%	50

answered question 63

skipped question 11

18. If patient on antiplatelet therapy, do you stop?

		Response Percent	Response Count
Yes		4.8%	3
No		95.2%	60

If you stop, how many days before? (X Days) 3

answered question 63

skipped question 11

19. Tick your own :

Click on the arrow

	Yes	No	Response Count
Do you estimate stroke risk (eg CHADS2, CHA2DS2-VASc)?	96.8% (61)	3.2% (2)	63
Does this influence your antithrombic drug regime?	95.1% (58)	4.9% (3)	61
answered question			63
skipped question			11

20. Tick your own :


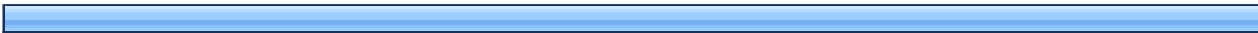

Click on the arrow

	Yes	No	Response Count
Do you estimate bleeding risk (eg HAS-BLED)?	57.1% (36)	42.9% (27)	63
Does this influence your antithrombic drug regime?	54.1% (33)	45.9% (28)	61
answered question			63
skipped question			11

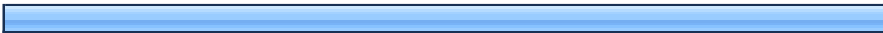
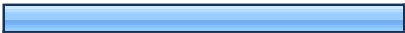
21. What is your approximate rate of haematoma?

	Response Average	Response Total	Response Count
For patients on OAC (%)	5.92	367	62
For patients on antiplatelet therapy (%)	3.40	214	63
	answered question		63
	skipped question		11


22. Which is the ACT regimen during the procedure?

		Response Percent	Response Count
ACT value limits		98.4%	60
Is TEE performed routinely prior to ablation? (Yes - No)		98.4%	60
If TEE done - When? Day before, Prior week, Same day?		91.8%	56
		answered question	61
		skipped question	13



23. When is the OAC restarted after the procedure?

		Response Percent	Response Count
Same day		68.9%	42
Day after		31.1%	19
		answered question	61
		skipped question	13

24. How long do you continue OAC post-ablation after an apparently successful procedure? (< 3 months, 3-6 months, 6-12 months, longer)

		Response Percent	Response Count
Patients with CHA2DS2-VASs score = 0 -1		98.4%	60
Patients with CHA2DS2-VASs score > or equal 2		96.7%	59
Patients with CHADS2 score = 0		96.7%	59
Patients with CHADS2 score = 1		96.7%	59
Patients with CHADS2 score > or equal 2		96.7%	59
		answered question	61
		skipped question	13

25. Would you do an ablation whilst the patient is taking one of the new OAC eg dabigatran?

		Response Percent	Response Count
Yes		31.1%	19
No		68.9%	42
answered question			61
skipped question			13



26. What is your approximate rate of clinical stroke / thromboembolism at your centre? (%)

	Response Count
	61
answered question	61
skipped question	13


27. Which is the ACT regimen during the procedure?

	Response Count
	61
answered question	61
skipped question	13



28. When is OAC restarted after the procedure?

		Response Percent	Response Count
Same day		65.6%	40
Day after		34.4%	21
		answered question	61
		skipped question	13

29. How long do you continue OAC post-ablation after an apparently successful procedure? (< 3 months, 3-6months , 6-12 months, longer)

		Response Percent	Response Count
Patients with CHAD2S2-VASs score =0 - 1		98.4%	60
Patients with CHAD2S2-VASs score > or equal 2		95.1%	58
Patients with CHADS2 score = 0		95.1%	58
Patients with CHADS2 score = 1		95.1%	58
Patients with CHADS2 score > or equal 2		95.1%	58
		answered question	61
		skipped question	13



30. Would you do an ablation whilst the patient is taking one of the new OACs eg dabigatran?

		Response Percent	Response Count
Yes		26.2%	16
No		73.8%	45
		answered question	61
		skipped question	13

31. What is your approximate rate of stroke / Thromboembolism at your centre? (%)

		Response Count
		61
		answered question
		61
		skipped question
		13



32. Do you handle atrial tachycardia (not AF) in the same way as ventricular arrhythmia ablations?

		Response Percent	Response Count
Yes		49.2%	30
No		50.8%	31
		answered question	61
		skipped question	13

33. Which is the ACT regimen during the procedure?

		Response Count	
		61	
		answered question	61
		skipped question	13



34. When is OAC restarted after the procedure?

		Response Percent	Response Count
Same day		65.6%	40
Day after		34.4%	21
		answered question	61
		skipped question	13

35. How long do you continue OAC post-ablation after an apparently successful procedure? (3 months, 3-6 months, 6-12 months, longer)

		Response Percent	Response Count
Patients with CHA2DS2- VASc score = 0-1		98.4%	60
Patients with CHA2DS2- VASc score > or equal 2		93.4%	57
Patients with CHADS2 score = 0		93.4%	57
Patients with CHADS2 score = 1		93.4%	57
Patients with CHADS2 score > or equal 2		93.4%	57
		answered question	61
		skipped question	13

36. Would you do an ablation whilst the patient is taking one of the new OACs eg dabigatran?

		Response Percent	Response Count
Yes		41.0%	25
No		59.0%	36
answered question			61
skipped question			13

37. What is your approximate rate of stroke / Thromboembolism at your centre ? (%)

	Response Count
	61
answered question	61
skipped question	13