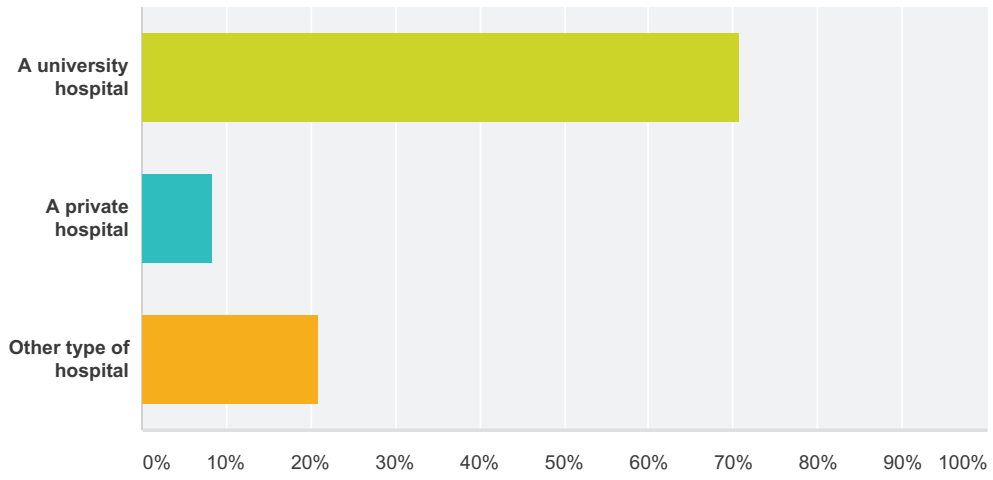


Q1 Is your institution

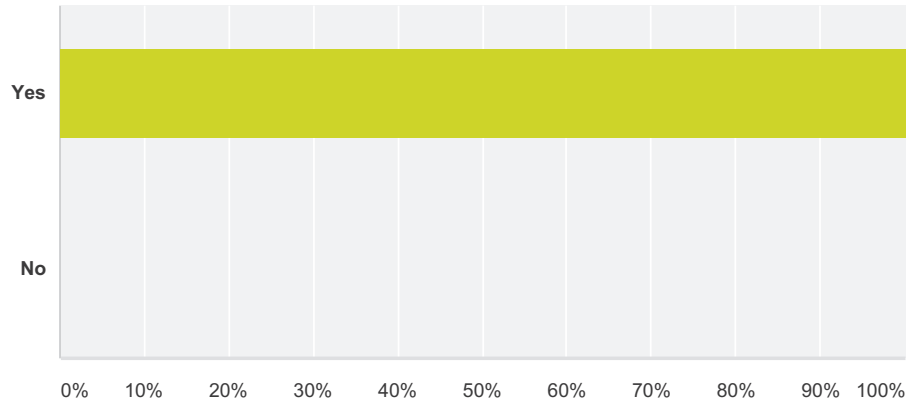
Répondues : 48 Ignorées : 1



| Choix de réponses | Réponses | |
|------------------------|----------|-----------|
| A university hospital | 70,83% | 34 |
| A private hospital | 8,33% | 4 |
| Other type of hospital | 20,83% | 10 |
| Total | | 48 |

Q4 Would you be comfortable if we acknowledge your centre in the Europace Journal or on the website?

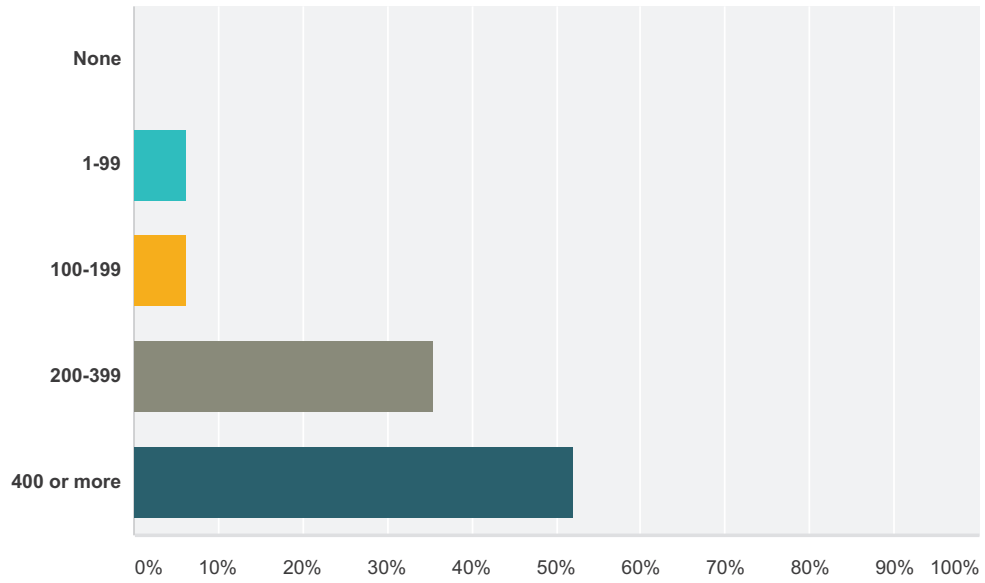
Répondues : 48 Ignorées : 1



| Choix de réponses | Réponses | |
|-------------------|----------|-----------|
| Yes | 100,00% | 48 |
| No | 0,00% | 0 |
| Total | | 48 |

Q5 Total number of device implants at your institution last year:

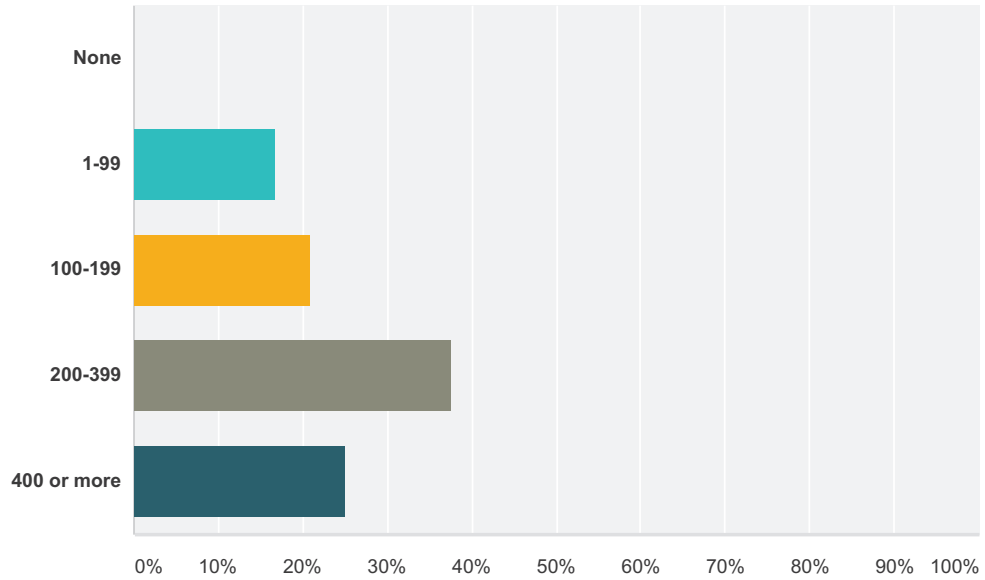
Répondues : 48 Ignorées : 1



| Choix de réponses | Réponses |
|-------------------|-----------|
| None | 0,00% 0 |
| 1-99 | 6,25% 3 |
| 100-199 | 6,25% 3 |
| 200-399 | 35,42% 17 |
| 400 or more | 52,08% 25 |
| Total | 48 |

Q6 Total number of pacemaker (AAI/VVI/DDD) implants at your institution last year:

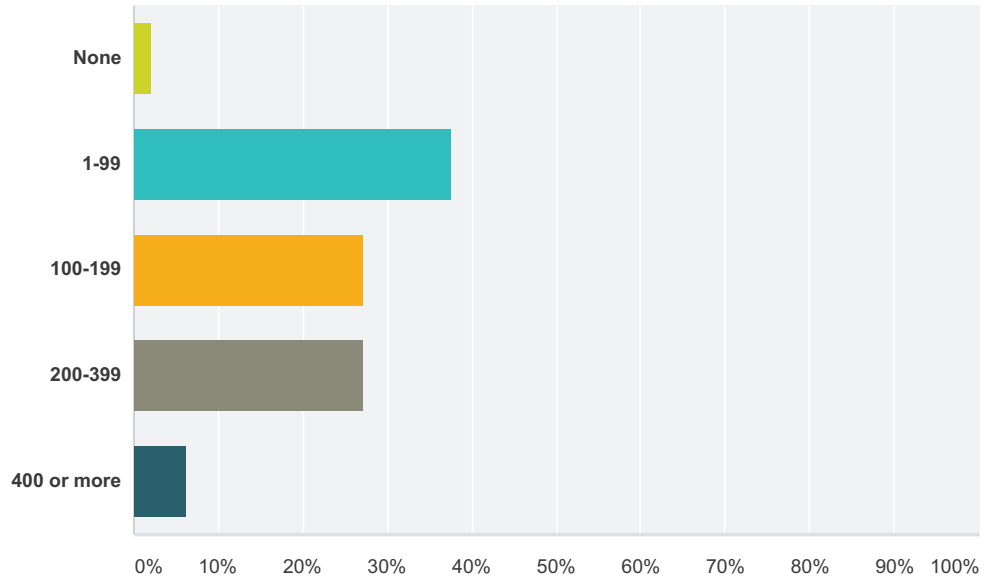
Répondues : 48 Ignorées : 1



| Choix de réponses | Réponses |
|-------------------|-----------|
| None | 0,00% 0 |
| 1-99 | 16,67% 8 |
| 100-199 | 20,83% 10 |
| 200-399 | 37,50% 18 |
| 400 or more | 25,00% 12 |
| Total | 48 |

Q7 Total number of ICD (single/dual chamber and CRT-D) implants at your institution last year:

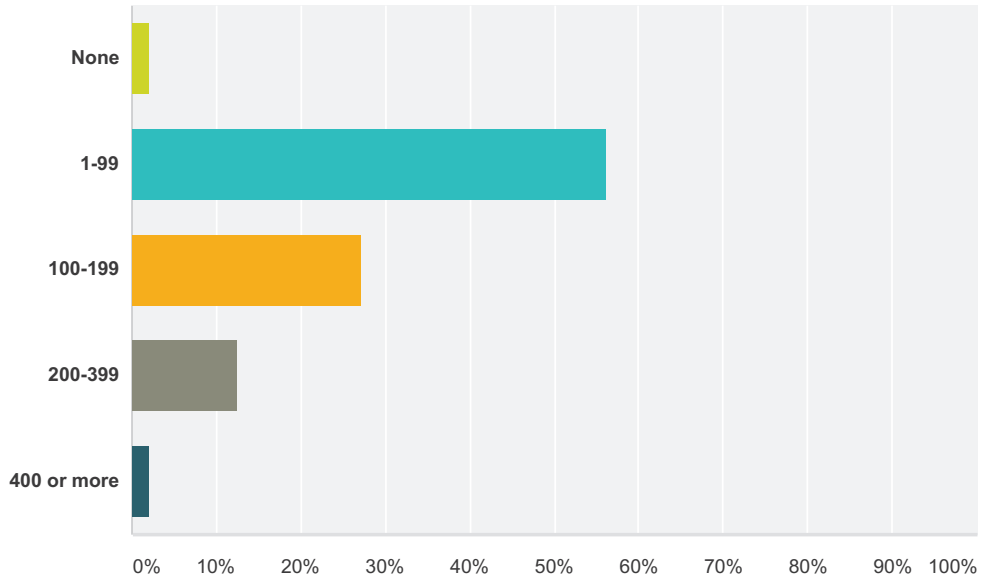
Répondues : 48 Ignorées : 1



| Choix de réponses | Réponses |
|-------------------|-----------|
| None | 2,08% 1 |
| 1-99 | 37,50% 18 |
| 100-199 | 27,08% 13 |
| 200-399 | 27,08% 13 |
| 400 or more | 6,25% 3 |
| Total | 48 |

Q8 Total number of CRT (pacemaker and ICD) implants at your institution last calendar year:

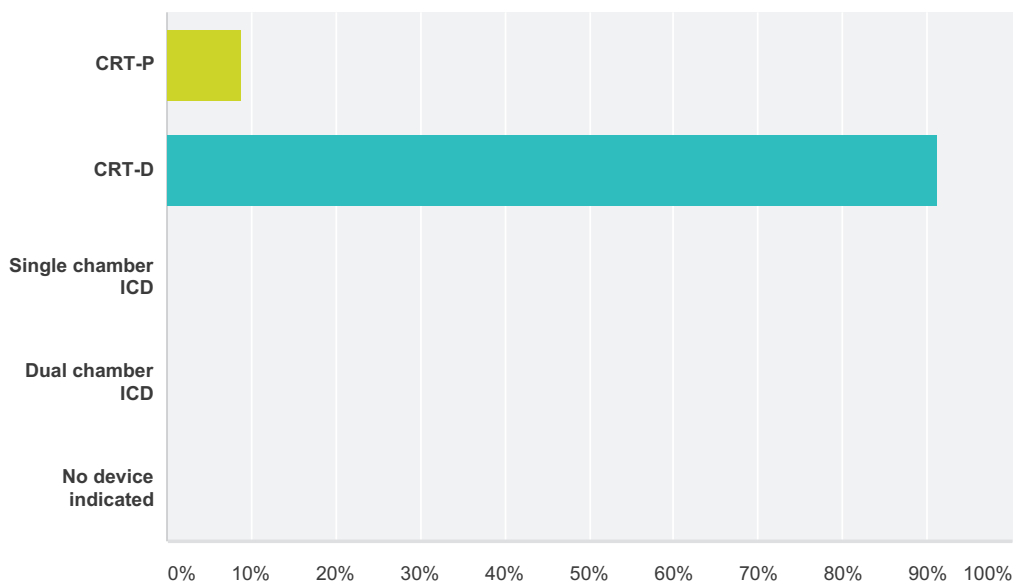
Répondues : 48 Ignorées : 1



| Choix de réponses | Réponses | |
|-------------------|----------|-----------|
| None | 2,08% | 1 |
| 1-99 | 56,25% | 27 |
| 100-199 | 27,08% | 13 |
| 200-399 | 12,50% | 6 |
| 400 or more | 2,08% | 1 |
| Total | | 48 |

Q9 In patients with sinus rhythm, LBBB with QRS > 150ms, LVEF <35% and heart failure symptoms corresponding to NYHA class II-III or ambulatory IV despite optimal medical treatment would you consider:

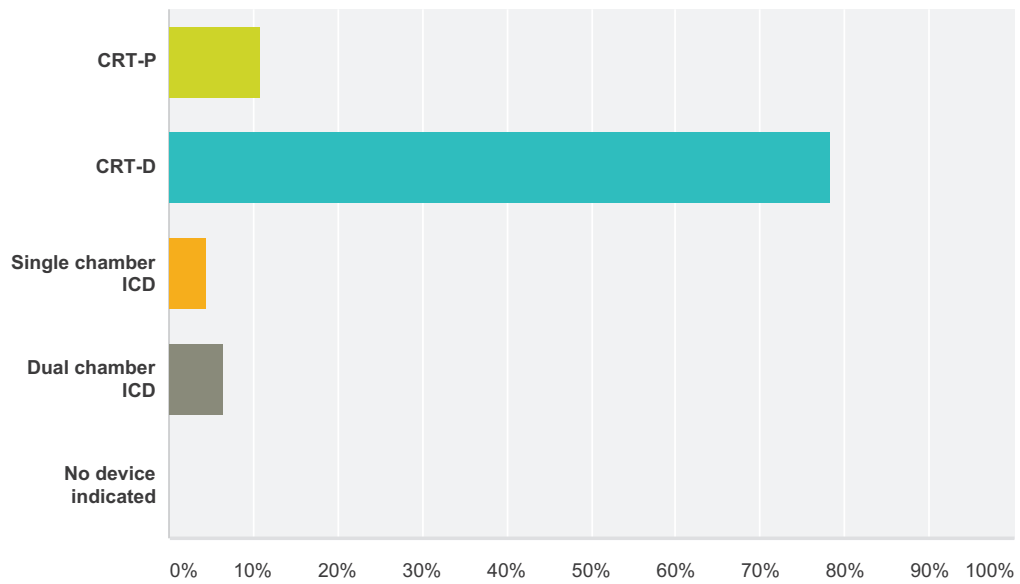
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses | |
|---------------------|----------|-----------|
| CRT-P | 8,70% | 4 |
| CRT-D | 91,30% | 42 |
| Single chamber ICD | 0,00% | 0 |
| Dual chamber ICD | 0,00% | 0 |
| No device indicated | 0,00% | 0 |
| Total | | 46 |

Q10 In patients with sinus rhythm, LBBB with QRS 120-150ms, LVEF <35% and heart failure symptoms corresponding to NYHA class II-III or ambulatory IV despite optimal medical treatment would you consider:

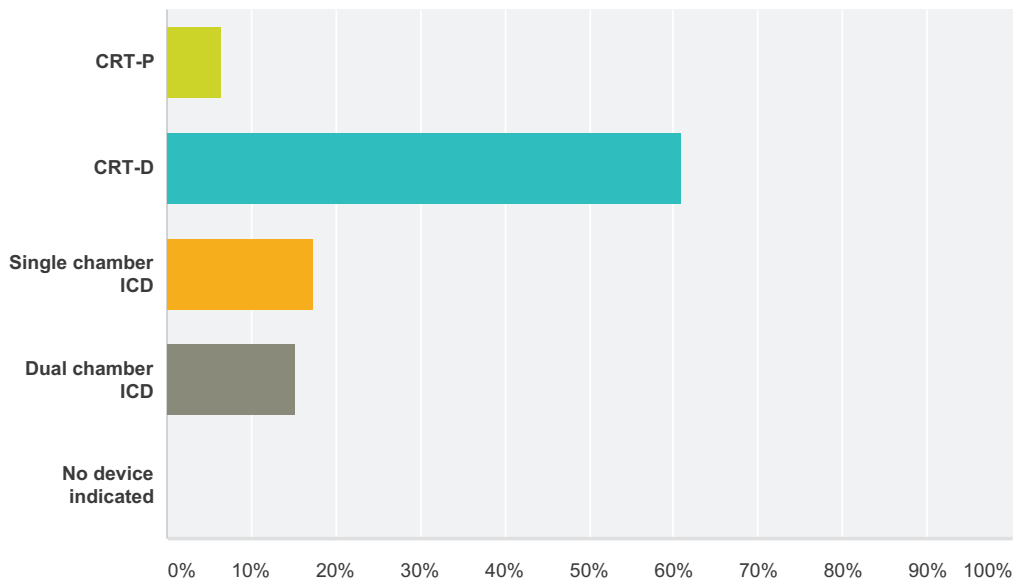
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses | |
|---------------------|----------|-----------|
| CRT-P | 10,87% | 5 |
| CRT-D | 78,26% | 36 |
| Single chamber ICD | 4,35% | 2 |
| Dual chamber ICD | 6,52% | 3 |
| No device indicated | 0,00% | 0 |
| Total | | 46 |

Q11 In patients with sinus rhythm, non-LBBB with QRS >150ms, LVEF <35% and heart failure symptoms corresponding to NYHA class II-III or ambulatory IV despite optimal medical treatment would you consider:

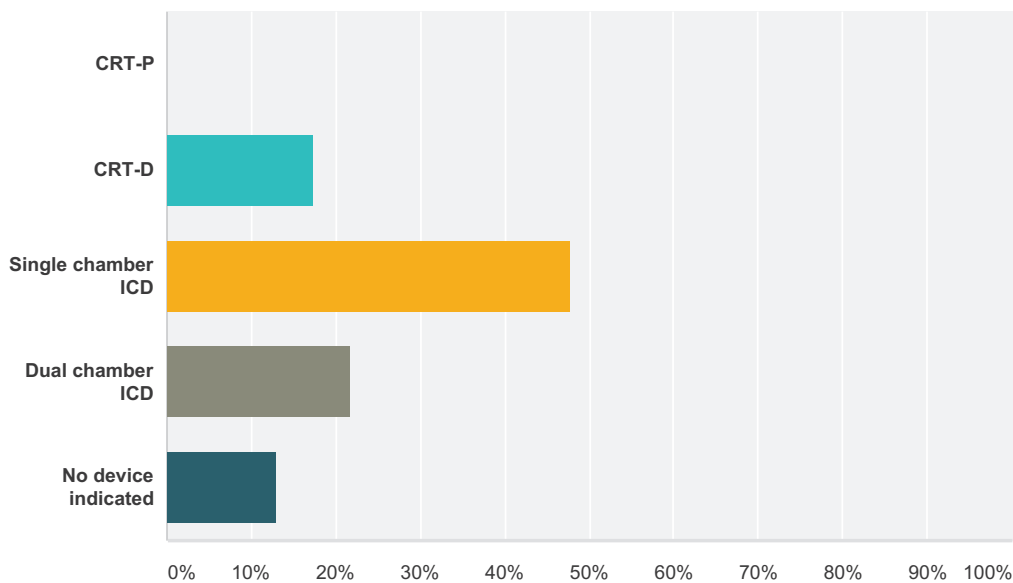
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses | |
|---------------------|----------|-----------|
| CRT-P | 6,52% | 3 |
| CRT-D | 60,87% | 28 |
| Single chamber ICD | 17,39% | 8 |
| Dual chamber ICD | 15,22% | 7 |
| No device indicated | 0,00% | 0 |
| Total | | 46 |

Q12 In patients with sinus rhythm, non-LBBB with QRS 120-150ms, LVEF <35% and heart failure symptoms corresponding to NYHA class II-III or ambulatory IV despite optimal medical treatment would you consider:

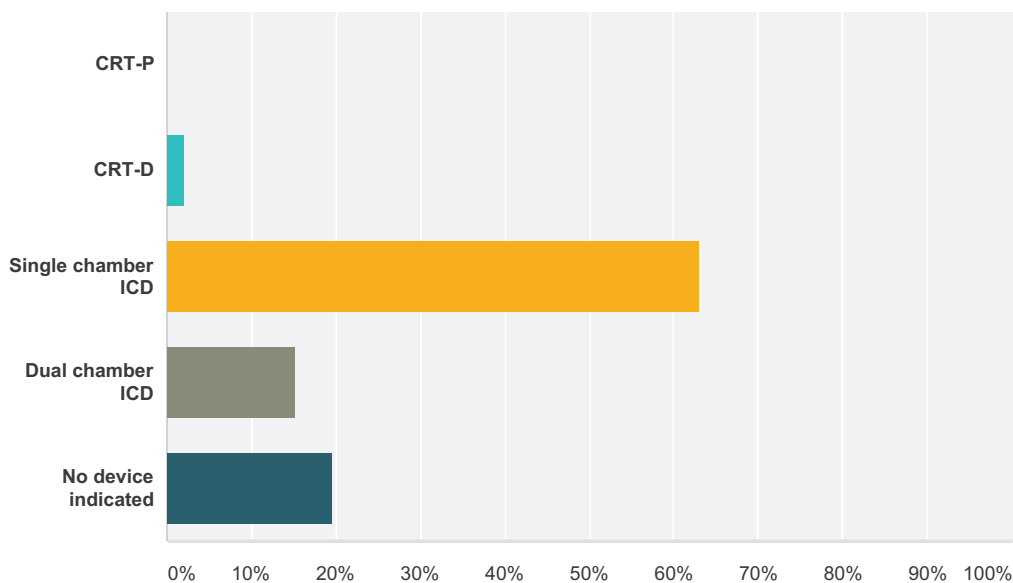
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses |
|---------------------|-----------|
| CRT-P | 0,00% 0 |
| CRT-D | 17,39% 8 |
| Single chamber ICD | 47,83% 22 |
| Dual chamber ICD | 21,74% 10 |
| No device indicated | 13,04% 6 |
| Total | 46 |

Q13 In patients with sinus rhythm, QRS <120ms, LVEF <35% and heart failure symptoms corresponding to NYHA class II-III or ambulatory IV despite optimal medical treatment would you consider:

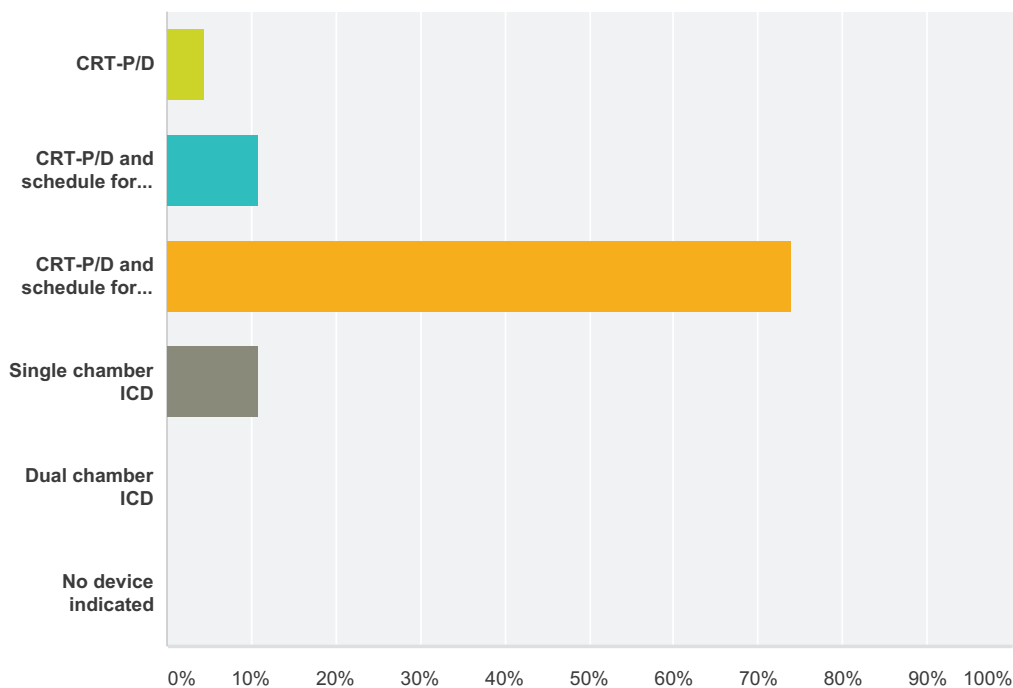
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses | |
|---------------------|----------|-----------|
| CRT-P | 0,00% | 0 |
| CRT-D | 2,17% | 1 |
| Single chamber ICD | 63,04% | 29 |
| Dual chamber ICD | 15,22% | 7 |
| No device indicated | 19,57% | 9 |
| Total | | 46 |

Q14 In patients with permanent atrial fibrillation, QRS >120ms, LVEF <35% and heart failure symptoms corresponding to NYHA class II-III or ambulatory IV despite optimal medical treatment would you consider:

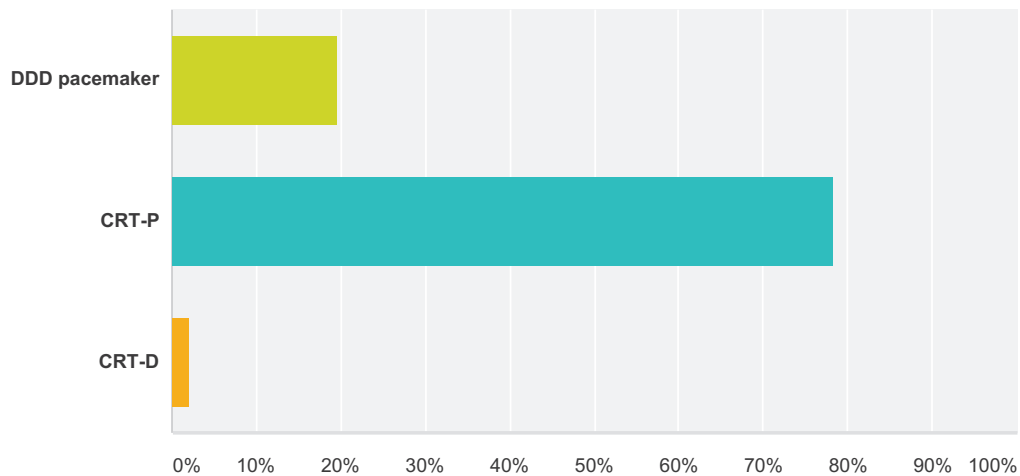
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses |
|---|-----------|
| CRT-P/D | 4,35% 2 |
| CRT-P/D and schedule for AV junctional ablation regardless of heart rate | 10,87% 5 |
| CRT-P/D and schedule for AV junctional ablation only in case of uncontrolled heart rate | 73,91% 34 |
| Single chamber ICD | 10,87% 5 |
| Dual chamber ICD | 0,00% 0 |
| No device indicated | 0,00% 0 |
| Total | 46 |

Q15 In patients with third degree AV block or AV block II type 2 and reduced ejection fraction would you implant:

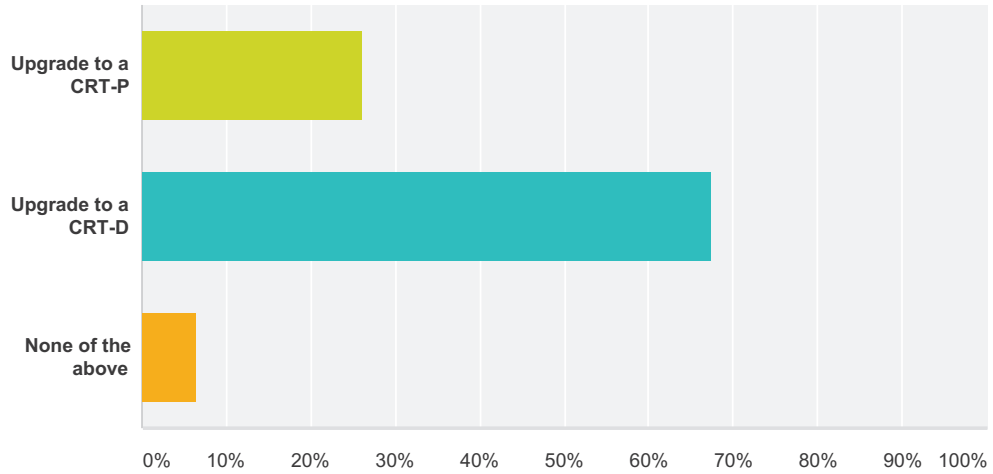
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses | |
|-------------------|----------|-----------|
| DDD pacemaker | 19,57% | 9 |
| CRT-P | 78,26% | 36 |
| CRT-D | 2,17% | 1 |
| Total | | 46 |

Q16 In patients with LVEF<35% already treated with conventional pacemaker or ICD and having heart failure symptoms corresponding to NYHA III-IV would you:

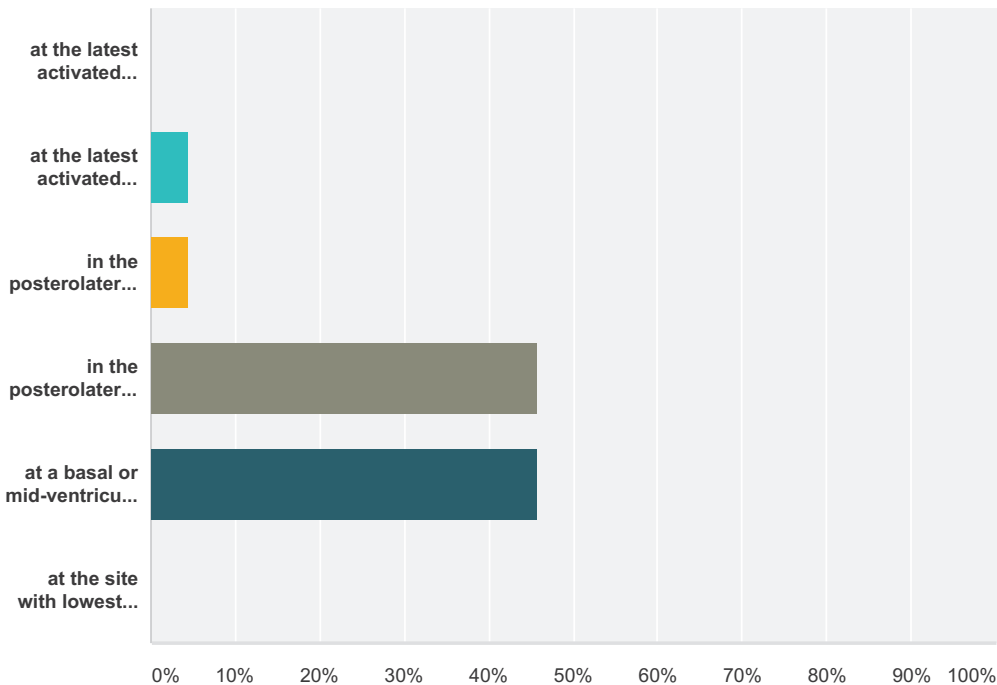
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses |
|--------------------|-----------|
| Upgrade to a CRT-P | 26,09% 12 |
| Upgrade to a CRT-D | 67,39% 31 |
| None of the above | 6,52% 3 |
| Total | 46 |

Q17 At your institution the LV lead of a CRT-P/D system is usually implanted:

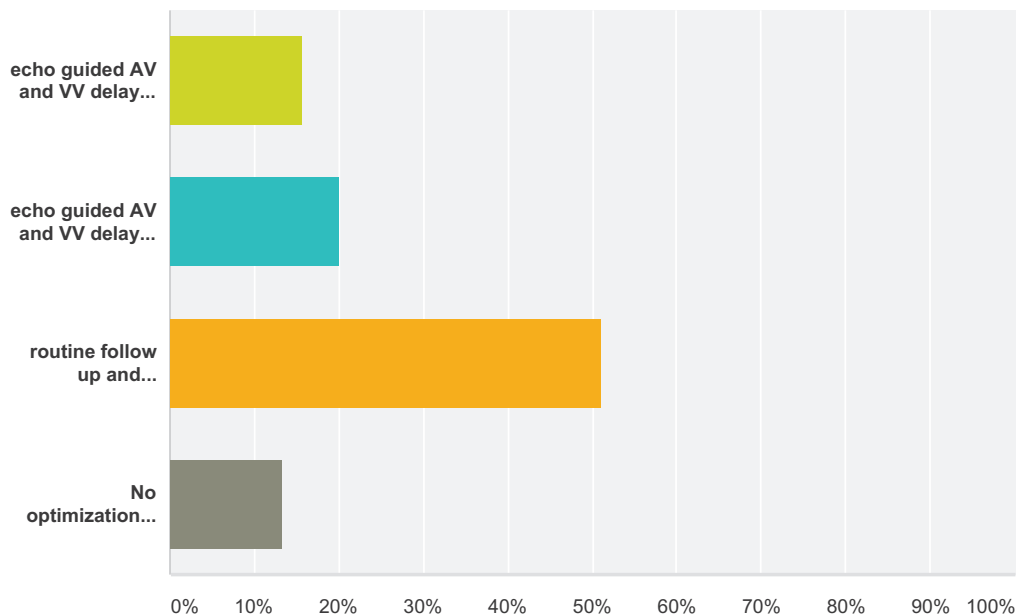
Répondues : 46 Ignorées : 3



| Choix de réponses | Réponses |
|--|-----------|
| at the latest activated segment according to MRI | 0,00% 0 |
| at the latest activated segment according to echo | 4,35% 2 |
| in the posterolateral region only in patients with dilated cardiomyopathy | 4,35% 2 |
| in the posterolateral region regardless of heart failure etiology | 45,65% 21 |
| at a basal or mid-ventricular position of the anatomically most suitable venous branch of the sinus coronarius | 45,65% 21 |
| at the site with lowest pacing threshold | 0,00% 0 |
| Total | 46 |

Q18 After successful implantation of a CRT-P/D do you usually perform:

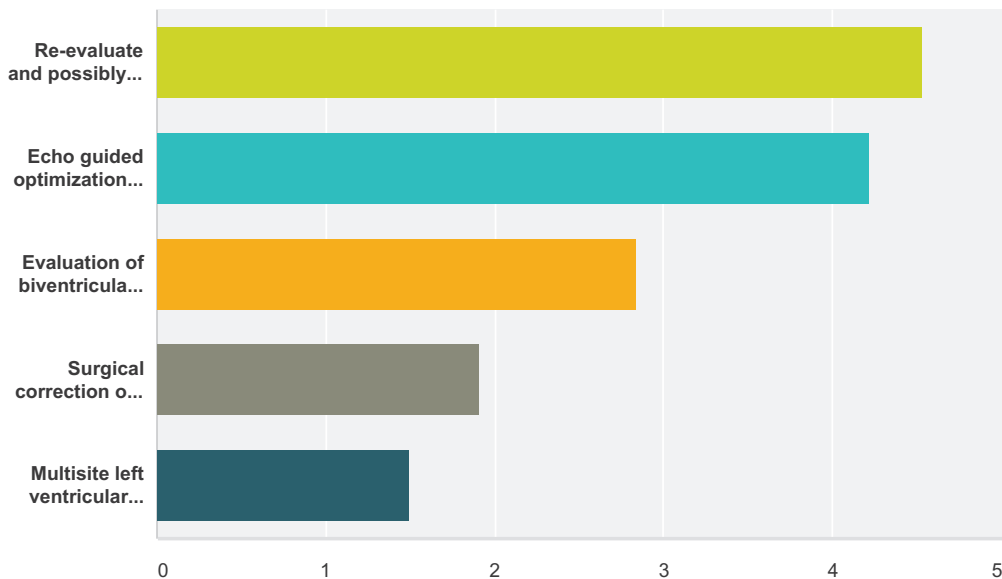
Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses | |
|---|----------|-----------|
| echo guided AV and VV delay optimization in all patients | 15,56% | 7 |
| echo guided AV and VV delay optimization in selected cases | 20,00% | 9 |
| routine follow up and implement device algorithm for AV and VV optimization | 51,11% | 23 |
| No optimization at all | 13,33% | 6 |
| Total | | 45 |

Q19 In which order would the following action be taken in patients that do not respond to CRT?

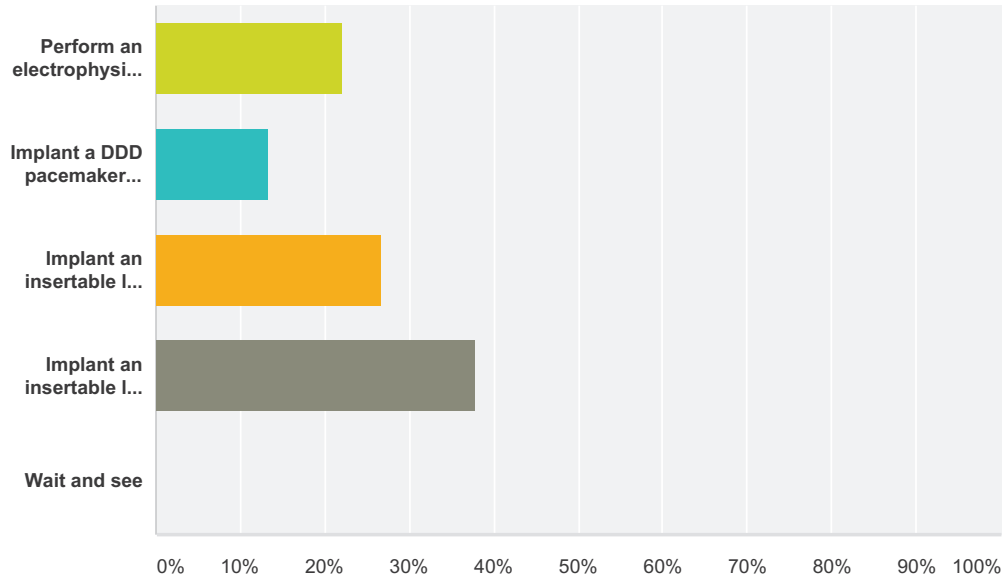
Répondues : 45 Ignorées : 4



| | 1 | 2 | 3 | 4 | 5 | Total | Classement moyen |
|---|--------------|--------------|--------------|--------------|--------------|-------|------------------|
| Re-evaluate and possibly further optimize medical therapy | 64,44% 29 | 24,44% 11 | 11,11% 5 | 0,00% 0 | 0,00% 0 | 45 | 4,53 |
| Echo guided optimization of AV and VV delay | 35,56% 16 | 53,33% 24 | 8,89% 4 | 2,22% 1 | 0,00% 0 | 45 | 4,22 |
| Evaluation of biventricular capture during exercise (ergometric test) | 0,00% 0 | 15,56% 7 | 62,22% 28 | 13,33% 6 | 8,89% 4 | 45 | 2,84 |
| Surgical correction of LV lead position | 0,00% 0 | 2,22% 1 | 11,11% 5 | 62,22% 28 | 24,44% 11 | 45 | 1,91 |
| Multisite left ventricular pacing | 0,00% 0 | 4,44% 2 | 6,67% 3 | 22,22% 10 | 66,67% 30 | 45 | 1,49 |

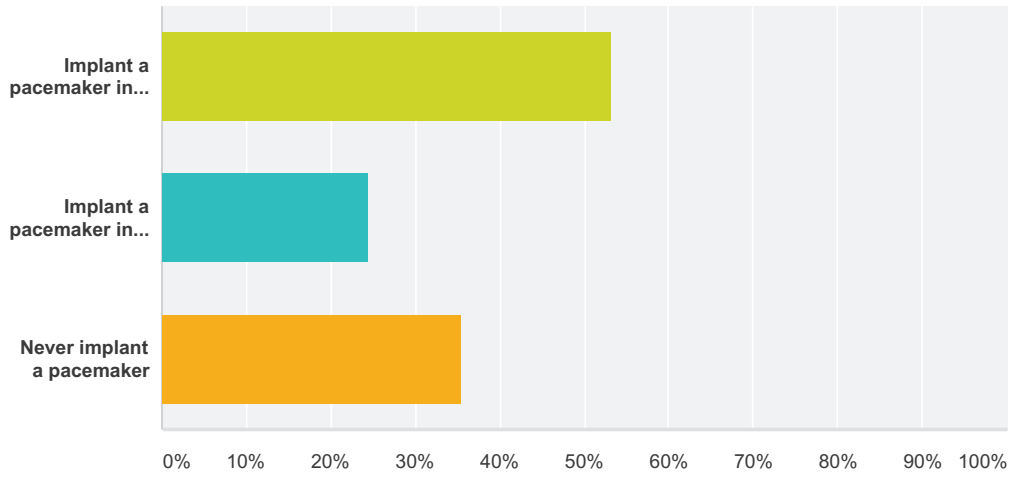
Q20 In patients with bundle branch block, LVEF>35% and unexplained syncope would you:

Répondues : 45 Ignorées : 4



Q21 In patients with undocumented reflex syncope would you:

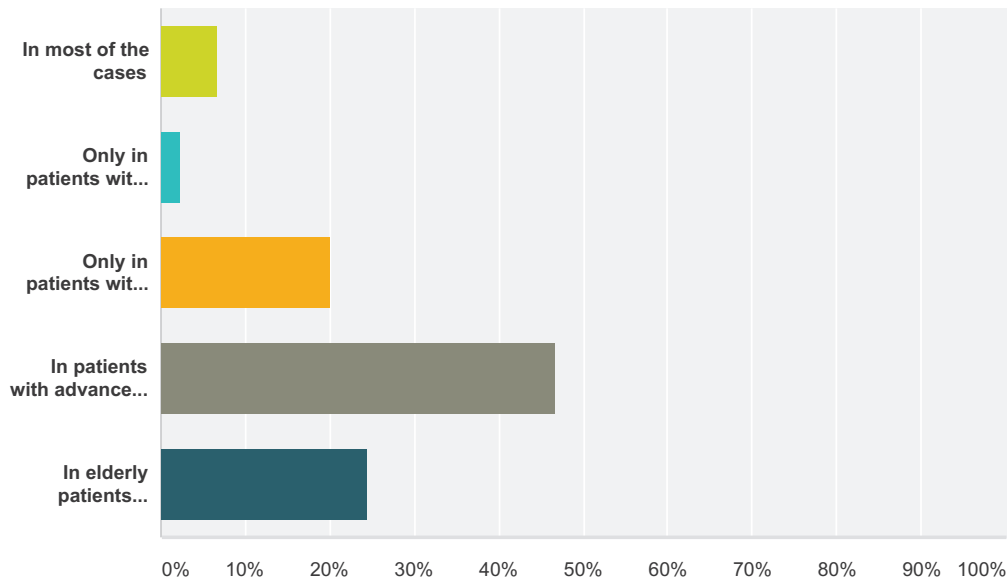
Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses |
|--|-----------|
| Implant a pacemaker in the case of cardioinhibitory carotid sinus syndrome and recurrent syncope | 53,33% 24 |
| Implant a pacemaker in the case of cardioinhibitory tilt-induced response | 24,44% 11 |
| Never implant a pacemaker | 35,56% 16 |
| Nombre total de personnes interrogées : 45 | |

Q22 When will you choose to give the patient a CRT-P and not a CRT-D?

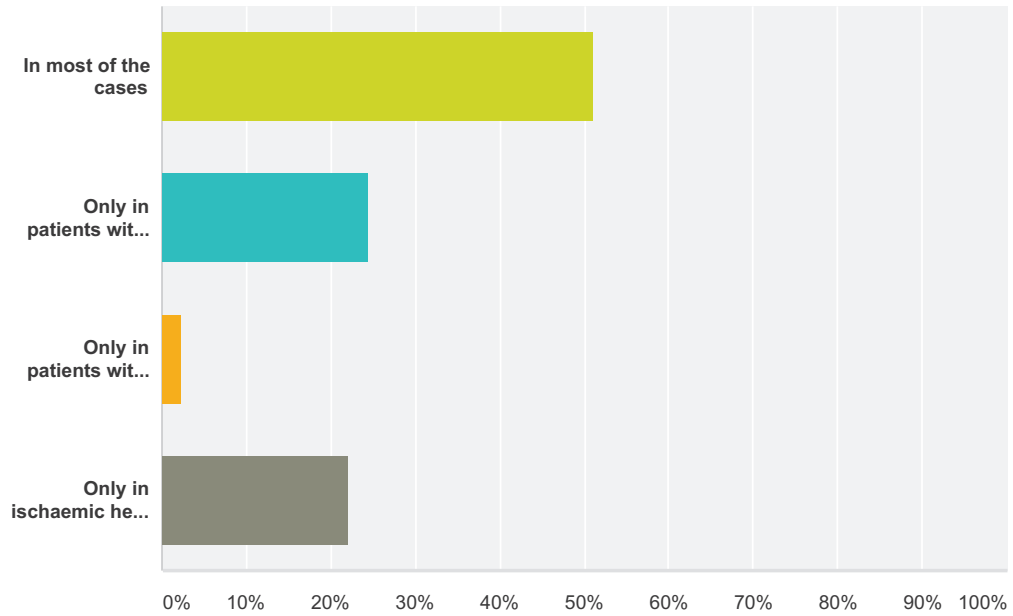
Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses |
|--|-----------|
| In most of the cases | 6,67% 3 |
| Only in patients with advanced heart failure | 2,22% 1 |
| Only in patients with other co-morbidities | 20,00% 9 |
| In patients with advanced heart failure and other co-morbidities | 46,67% 21 |
| In elderly patients (age > 80 years) | 24,44% 11 |
| Total | 45 |

Q23 When will you choose to give the patient a CRT-D and not a CRT-P?

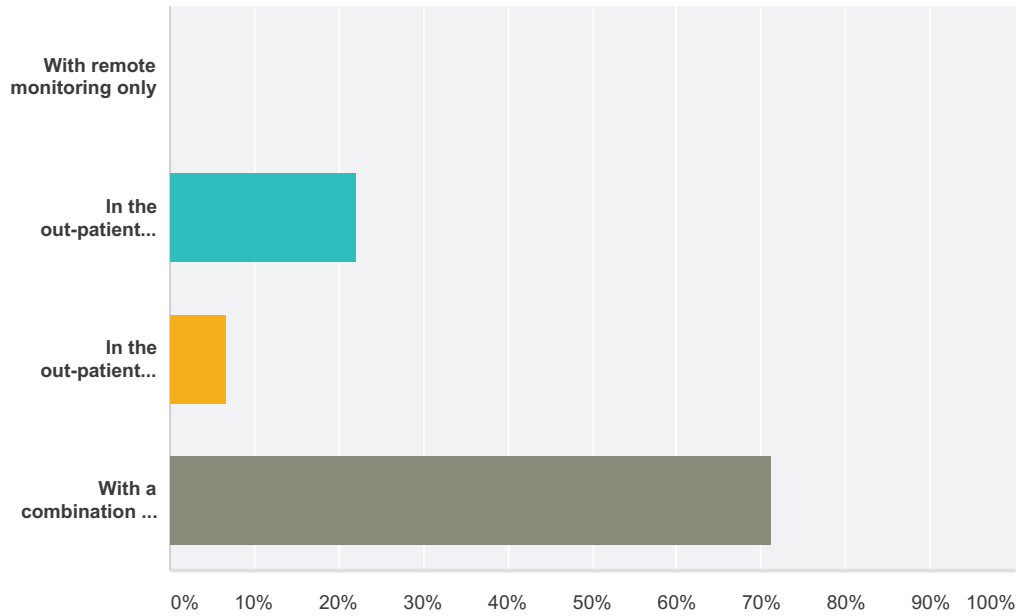
Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses |
|--|-----------|
| In most of the cases | 51,11% 23 |
| Only in patients with long life expectancy (>1 year) | 24,44% 11 |
| Only in patients with heart failure in NYHA II class | 2,22% 1 |
| Only in ischaemic heart disease | 22,22% 10 |
| Total | 45 |

Q24 How are patients with CRT-P/D followed up at your institution?

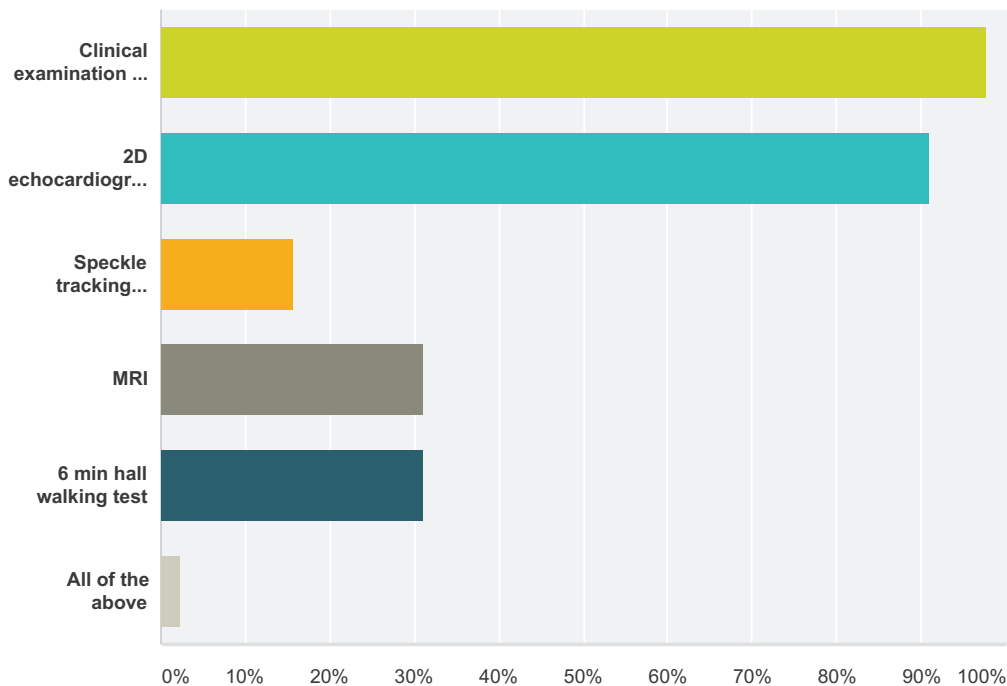
Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses |
|--|-----------|
| With remote monitoring only | 0,00% 0 |
| In the out-patient clinic by a doctor | 22,22% 10 |
| In the out-patient clinic by a specialized nurse | 6,67% 3 |
| With a combination of remote monitoring and out-patient visits | 71,11% 32 |
| Total | 45 |

Q25 Which of the following tests do you usually perform in patients prior to CRT implantation? (Several answers possible)

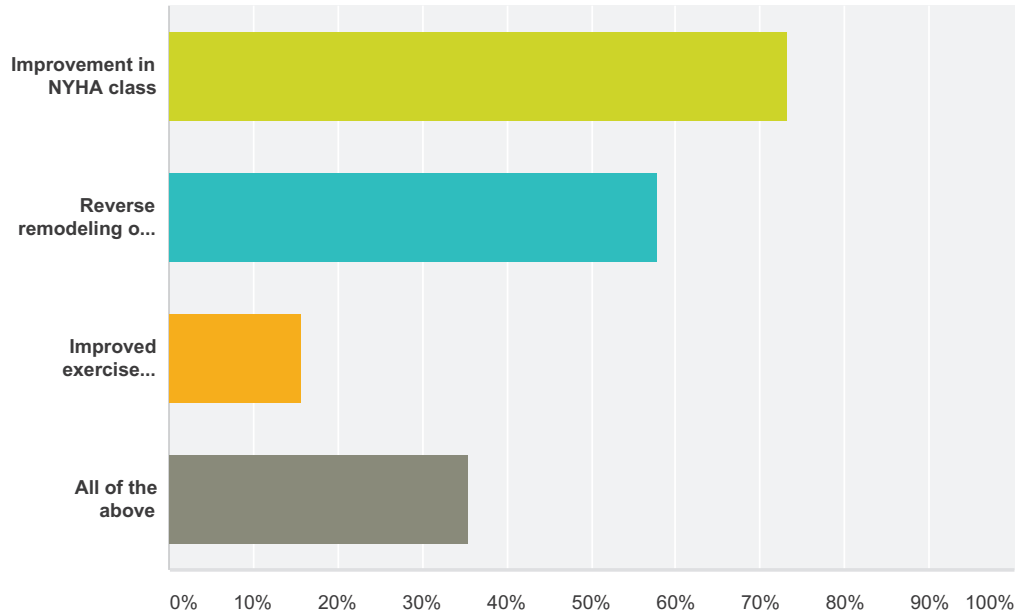
Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses |
|---|-----------|
| Clinical examination and NYHA class assessment | 97,78% 44 |
| 2D echocardiography | 91,11% 41 |
| Speckle tracking echocardiography | 15,56% 7 |
| MRI | 31,11% 14 |
| 6 min hall walking test | 31,11% 14 |
| All of the above | 2,22% 1 |
| Nombre total de personnes interrogées : 45 | |

Q26 How do you usually evaluate patients in order to establish positive response to CRT? (Several answers possible)

Répondues : 45 Ignorées : 4



| Choix de réponses | Réponses |
|--|-----------|
| Improvement in NYHA class | 73,33% 33 |
| Reverse remodeling on echocardiography | 57,78% 26 |
| Improved exercise tolerance on 6 min hall walking test | 15,56% 7 |
| All of the above | 35,56% 16 |
| Nombre total de personnes interrogées : 45 | |