

Cardiology Quality Dashboard 2018/19



Indicator Reference Number	Domain	Theme	Measure	Rationale	Name of Indicator/ Description	Numerator	Denominator	Period Type	Frequency	Data Source Numerator	Data Source Denominator	Target	Interpretation Guidance	Notes	Reporting Periods			
															Q1	Q2	Q3	Q4
CDY01	Domain 4: Ensuring that people have a positive experience of care	Process measure	Length of stay (complex devices)		Average LoS (mean) for patients undergoing elective first time ICD, CRT-D or CRT-P implant	LoS in days for patients undergoing elective first time ICD, CRT-D or CRT-P implant	Number of patients undergoing elective first time ICD, CRT-D or CRT-P implant	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Isolated device procedure i.e. no concomitant AV node ablation etc.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY02	Domain 4: Ensuring that people have a positive experience of care	Outcome measure	30 day readmission (complex devices)		Proportion of readmissions within 30 days of discharge following elective first time ICD, CRT-D or CRT-P implant	Number of patients readmitted within 30 days of discharge following elective first time ICD, CRT-D or CRT-P implant	Number of patients undergoing elective first time ICD, CRT-D or CRT-P implant	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	All unplanned / emergency readmissions.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY03	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	1 year mortality (complex devices)		Mortality rate at 1 year following elective first time ICD, CRT-D or CRT-P implant	Number of patient deaths within 1 year of elective first time ICD, CRT-D or CRT-P implant	Number of patients undergoing elective first time ICD, CRT-D or CRT-P implant	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better					Apr 17 - Mar 18
CDY04a	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications (complex devices)		Proportion of patients who experience a complication, requiring intervention, occurring prior to discharge, following elective first time ICD implant	Number of patients who experience a complication requiring intervention, prior to discharge, following elective first time ICD implant	Number of patients undergoing elective first time ICD implant	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications are those requiring intervention and include pneumothorax, haematoma evacuation, pericardial effusion and lead revision/deactivation. Observation only or delayed discharge are not included.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY04b	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications (complex devices)		Proportion of patients who experience a complication, requiring intervention, occurring prior to discharge, following elective first time CRT-D implant	Number of patients who experience a complication requiring intervention, prior to discharge, following elective first time CRT-D implant	Number of patients undergoing elective first time CRT-D implant	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications are those requiring intervention and include pneumothorax, haematoma evacuation, pericardial effusion and lead revision/deactivation. Observation only or delayed discharge are not included.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY04c	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications (complex devices)		Proportion of patients who experience a complication, requiring intervention, occurring prior to discharge, following elective first time CRT-P implant	Number of patients who experience a complication requiring intervention, prior to discharge, following elective first time CRT-P implant	Number of patients undergoing elective first time CRT-P implant	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications are those requiring intervention and include pneumothorax, haematoma evacuation, pericardial effusion and lead revision/deactivation. Observation only or delayed discharge are not included.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY05a	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Annual complications (complex devices)		Proportion of patients who experience a complication, requiring intervention, following initial discharge, occurring up to 1 year following elective first time ICD implant	Number of patients who experience a complication, requiring intervention, following discharge up to 1 year following elective first time ICD implant	Number of patients undergoing elective first time ICD implant	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	Complications to include: haematoma evacuation, pericardial effusion, lead revision/deactivation, infection/extraction.				Apr 17 - Mar 18
CDY05b	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Annual complications (complex devices)		Proportion of patients who experience a complication, requiring intervention, following initial discharge, occurring up to 1 year following elective first time CRT-D implant	Number of patients who experience a complication, requiring intervention, following discharge up to 1 year following elective first time CRT-D implant	Number of patients undergoing elective first time CRT-D implant	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	Complications to include: haematoma evacuation, pericardial effusion, lead revision/deactivation, infection/extraction.				Apr 17 - Mar 18
CDY05c	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Annual complications (complex devices)		Proportion of patients who experience a complication, requiring intervention, following initial discharge, occurring up to 1 year following elective first time CRT-P implant	Number of patients who experience a complication, requiring intervention, following discharge up to 1 year following elective first time CRT-P implant	Number of patients undergoing elective first time CRT-P implant	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	Complications to include: haematoma evacuation, pericardial effusion, lead revision/deactivation, infection/extraction.				Apr 17 - Mar 18
CDY08a	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Repeat ablation procedures - catheter ablation of AVNRT		Proportion of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - AVNRT	Number of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - AVNRT	Number of patients undergoing elective first time ablation procedure - AVNRT	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol.				Apr 17 - Mar 18
CDY08b	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Repeat ablation procedures - catheter ablation of AVRT		Proportion of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - AVRT	Number of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - AVRT	Number of patients undergoing elective first time ablation procedure - AVRT	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol.				Apr 17 - Mar 18

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CDY08c	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Repeat ablation procedures - catheter ablation of typical atrial flutter		Proportion of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - typical atrial flutter	Number of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - typical atrial flutter	Number of patients undergoing elective first time ablation procedure - typical atrial flutter	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol.				Apr 17 - Mar 18
CDY08d	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Repeat ablation procedures - catheter ablation of paroxysmal AF		Proportion of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - paroxysmal AF	Number of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - paroxysmal AF	Number of patients undergoing elective first time ablation procedure - paroxysmal AF	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol.				Apr 17 - Mar 18
CDY08e	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Repeat ablation procedures - catheter ablation of persistent AF		Proportion of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - persistent AF	Number of patients who undergo a repeat ablation procedure (for the same arrhythmia) within 1 year of elective first time ablation procedure - persistent AF	Number of patients undergoing elective first time ablation procedure - persistent AF	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol.				Apr 17 - Mar 18
CDY09	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Process measure	Length of stay for catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF		Average LoS (mean) for patients undergoing elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	LoS in days for patients undergoing elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patients undergoing elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Urban centres where day case procedures will be more widely suitable will have an automatic advantage over centres where travel times are prolonged – agreed > 1 day would be marker of prolonged stay.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY10	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	1 year mortality for catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF		Mortality rate at 1 year following elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patient deaths within 1 year of elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patients undergoing elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better					Apr 17 - Mar 18
CDY12	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	30 day readmission for catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF		Proportion of readmissions within 30 days of discharge following elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patients readmitted within 30 days of discharge following elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patients undergoing elective first time catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	All unplanned / emergency re-admissions.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY13a	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications - for catheter ablation of AVNRT		Proportion of patients who experience a complication requiring intervention, prior to discharge, following elective first time catheter ablation - AVNRT	Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - AVNRT	Number of patients undergoing elective first time catheter ablation for AVNRT	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY13b	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications - catheter ablation of AVRT		Proportion of patients who experience a complication requiring intervention, prior to discharge, following elective first time catheter ablation - AVRT	Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - AVRT	Number of patients undergoing elective first time catheter ablation for AVRT	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY13c	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications - catheter ablation of typical atrial flutter		Proportion of patients who experience a complication requiring intervention, prior to discharge, following elective first time catheter ablation - typical atrial flutter	Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - typical atrial flutter	Number of patients undergoing elective first time catheter ablation for typical atrial flutter	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY13d	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications - catheter ablation of paroxysmal AF		Proportion of patients who experience a complication requiring intervention, prior to discharge, following elective first time catheter ablation - paroxysmal AF	Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - paroxysmal AF	Number of patients undergoing elective first time catheter ablation for paroxysmal AF	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18

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CDY13e	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Peri-procedural complications - catheter ablation of persistent AF		Proportion of patients who experience a complication requiring intervention, prior to discharge, following elective first time catheter ablation - persistent AF	Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - persistent AF	Number of patients undergoing elective first time catheter ablation for persistent AF	Quarterly (lagged 3 months)	Quarterly	Provider submitted data	Provider submitted data		Lower is better	Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure.	Jan 18 - Mar 18	Apr 18 - Jun 18	Jul 18 - Sep 18	Oct 18 - Dec 18
CDY14	Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm	Outcome measure	Annual complications - catheter ablation of AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF		Proportion of patients who experience a complication, requiring intervention, from discharge up to 1 year following elective first time catheter ablation of AVRT, AVNRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patients who experience a complication requiring intervention, from discharge up to 1 year following ablation in patients undergoing elective first time catheter ablation of AVRT, AVNRT, typical atrial flutter, paroxysmal AF and persistent AF	Number of patients undergoing elective first time catheter ablation for AVNRT, AVRT, typical atrial flutter, paroxysmal AF and persistent AF	Annual	Annual	Provider submitted data	Provider submitted data		Lower is better	Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure.				Apr 17 - Mar 18

Data collection has been approved by the Review of Central Returns - ROCR
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