

Cardiology Electrophysiology and Ablation Services (Adult) Quality Dashboard 2021/22



| 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 | Numerator Notes   | Denominator Notes   | Notes   | Reporting Period |                 |                 |                 |                 |
|----------------------------|--|------------------|---|-----------|---|---|--|-------------|-----------|-----------------------|-------------------------|--------|-------------------------|---|---|---|------------------|-----------------|-----------------|-----------------|-----------------|
|                            |  |                  |   |           |   |   |  |             |           |                       |                         |        |                         |   |   |   | Q1               | Q2              | Q3              | Q4              |                 |
| EP01                       | Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm | Clinical Outcome | Repeat ablation procedures - catheter ablation of AVNRT, AVRT and 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 - AVNRT, AVRT and 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 - AVNRT, AVRT and typical atrial flutter | Number of patients undergoing elective first time ablation procedure - AVNRT, AVRT and typical atrial flutter  | Annual      | Annual    | HES                   | HES                     |        | Lower is better         | ICD10 codes (Primary Position): I483 Typical AF OR I471 AVNRT/AVRT<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC | ICD10 codes (Primary Position): I483 Typical AF OR I471 AVNRT/AVRT<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): NOT Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC                 | This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol   | N/A              | N/A             | N/A             | Apr 20 - Mar 21 |                 |
| EP02                       | 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    | HES                   | HES                     |        | Lower is better         | ICD10 codes (Primary Position): I480 Paroxysmal AF<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC                 | ICD10 codes (Primary Position): I480 Paroxysmal AF<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): <b>NOT</b> Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC                          | This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol   | N/A              | N/A             | N/A             | Apr 20 - Mar 21 |                 |
| EP03                       | 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    | HES                   | HES                     |        | Lower is better         | ICD10 codes (Primary Position): I481 Persistent AF<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC                 | ICD10 codes (Primary Position): I481 Persistent AF<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): <b>NOT</b> Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC                          | This includes radiofrequency, laser and cryo-ablation etc. but excludes alcohol   | N/A              | N/A             | N/A             | Apr 20 - Mar 21 |                 |
| EP04                       | Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm | Outcome Measure  | 3 month mortality for catheter ablation of paroxysmal AF and persistent AF                      |           | Mortality at 3 months following elective first time catheter ablation of paroxysmal AF and persistent AF  | Number of patient deaths within 3 months of elective first time catheter ablation of paroxysmal AF and persistent AF  | Number of patients undergoing elective first time catheter ablation of paroxysmal AF and persistent AF         | Annual      | Annual    | HES                   | HES                     |        | Lower is better         |   | ICD10 codes (Primary Position): I480 Paroxysmal AF OR I481 Persistent AF<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): <b>NOT</b> Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC    |   |                  | N/A             | N/A             | N/A             | Apr 20 - Mar 21 |
| EP05                       | 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, AVRT and typical atrial flutter |           | Proportion of patients who experience a complication requiring intervention prior to discharge, following elective first time catheter ablation - AVNRT, AVRT and typical atrial flutter  | Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - AVNRT, AVRT and typical atrial flutter   | Number of patients undergoing elective first time catheter ablation for AVNRT, AVRT and typical atrial flutter | Quarterly   | Quarterly | HES                   | HES                     |        | Lower is better         | ICD10 codes (any position): Y605, Y615, Y625, Y71, Y840<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): <b>NOT</b> Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC | ICD10 codes (Primary or Third Position): I483 Typical AF OR I471 AVNRT/AVRT<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): <b>NOT</b> Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC | Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure. | Jan 21 - Mar 21  | Apr 21 - Jun 21 | Jul 21 - Sep 21 | Oct 21 - Dec 21 |                 |

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|---|--|-----------------|--|-----------|--|--|---|-------------|-----------|-----------------------|-------------------------|--------|-------------------------|---|--|---|-----------------|-----------------|-----------------|-----------------|
| EPOC  | 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 and persistent AF |           | Proportion of patients who experience a complication requiring intervention, prior to discharge, following elective first time catheter ablation - paroxysmal AF and persistent AF | Number of patients who experience a complication requiring intervention prior to discharge following elective first time catheter ablation - paroxysmal AF and persistent AF | Number of patients undergoing elective first time catheter ablation for paroxysmal AF and persistent AF | Quarterly   | Quarterly | HES                   | HES                     |        | Lower is better         | ICD10 codes (any position): Y605, Y615, Y625, Y71, Y840 | ICD10 codes (Primary or Third Position): I480 Paroxysmal AF OR I481 Persistent AF<br><br>OPCS Codes (Primary Position): K62.2 Percutaneous transluminal ablation of atrial wall for atrial flutter<br>K62.3 Percutaneous transluminal ablation of conducting system of heart for atrial flutter NEC<br>K57.1 Percutaneous transluminal ablation of atrioventricular node<br><br>OPCS Codes (Secondary Position): NOT Y71.2 Secondary operations NOC<br>Y71.3 Revisional operations NOC | Complications to include: femoral bleeding/vascular repair, cardiac tamponade, TIA/stroke, MI, pacemaker implantation or other complication clearly attributable to the ablation procedure. | Jan 21 - Mar 21 | Apr 21 - Jun 21 | Jul 21 - Sep 21 | Oct 21 - Dec 21 |
| Data collection has been approved by the Review of Central Returns - ROCR<br>ROCR/OR/2230/001MAND |  |                 |  |           |  |  |   |             |           |                       |                         |        |                         |   |  |   |                 |                 |                 |                 |