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| Name of activity | In-house lecture | | |
| Date of activity | 17 Jan 2020 | | |
| Type of activity  (only select ONE) | **Group A –**  **workplace learning**  case review, incident reflection, staff education meeting, in-service training, audit, project, rotation/shadowing | **Group B –**  **structured learning**  external conference session, course, seminar, lecture, assignment or lecture for a qualification | **Group C –**  **self-directed learning**  published article review, educational website, research activity, lecture preparation |

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| Describe the activity - please write 2-3 sentences outlining what the activity involved and your involvement in it. |
| I attended a lecture about CPVT (chatecholamenergic polymorphic VT) |

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| What did you learn – please write a paragraph showing what you learned. Review the activity if necessary and be specific. |
| CPVT occurs in 1 in 10,000 people. It can happen when Adrenaline is released during exercise or stress. In 60% of cases the RYR2 gene is responsible. It is a known cause of sudden cardiac death.  Acute treatment: Cardiovert to sinus rhythm, and administer B Blockers.  Long term: ICD implant is required, and B Blocker therapy   1. Nadolol, 2. Flecainide, 3. Ca Channel Blockers, 4. Sympathetic denervation (not done in NZ).   In older patients the prognosis is worse.  The symptoms are the same as patient with LQTS. Bidirectional VT or polymorphic VT can be induced by an ETT or an adrenaline challenge. |

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| How will you apply this to your practice – write a short paragraph describing any impact the activity could have on your practice. |
| I will be more aware of the possibility of this rhythm disturbance occurring in a patient having an ETT for exercise related syncope. An ETT room should always have quick access to a defibrillator and ability to call an arrest team. I understand the difference between monomorphic VT, polymorphic VT and bi-directional VT. |

For any activity EITHER obtain signoff, OR attach evidence.

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| I verify this activity as being valid for CPD purposes  Verified by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Designation:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Evidence attached relating to this activity:  Email invitation from lecturer |