

## CENTRE FOR PREHOSPITAL CARE PROCEDURE

**CATEGORY:** Program Specific  
**ISSUE DATE:** June 2023  
**SUBJECT:** AUTONOMOUS IV CERTIFICATION

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Page 1 of 4

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| <b>Document Owner:</b> Regional Education & Certification Coordinator                                                                                                          | <b>Name:</b> Corey Petrie                           |
| <b>Update Schedule:</b> Annually.                                                                                                                                              |                                                     |
| <b>Stakeholder Consultation and Review:</b><br>HSN CPC Quality of Care Committee<br>HSN CPC Program Committee                                                                  | <b>Date:</b><br>December 17, 2025<br>March 19, 2025 |
| <b>Approval:</b> Corey Petrie, Chair, HSN CPC Council Committee<br><br>Electronic signature:  | <b>Date:</b> December 17, 2025                      |

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### PURPOSE:

To define the process that HSN CPC utilizes for all Autonomous IV Certifications

### PROCEDURE

1. The Paramedic Service Operator (PSO) will present the names of any paramedics that they wish to have Autonomous IV (AIV) certified to their Paramedic Practice Coordinator (PPC). Notification should occur no less than 4 weeks in advance.
2. For services who wish to deliver the AIV course independently, please contact the PPC for that area as a staff member is required to oversee the AIV skills component of the course.
3. The PPC will consult with other PSO in their region and with the other PPC's to determine if any other paramedics require certification and attempt to group all AIV candidates into one session if possible.
4. The PPC will then coordinate a date and location for the in class course and notify the service and the AIV candidates via email.
5. AIV candidates will be required to sign into the Paramedic Portal of Ontario (PPO) learning management system (LMS) and complete all prerequisite course material. The online PPO prerequisite material consists of learning modules, which must be completed a minimum of 4 business days prior to the in-person session, but no earlier than 30 days prior to the in-person session. The goal of the AIV PPO prerequisites is to develop the foundational knowledge required in AIV-related anatomy, medical directives, and AIV theory prior to the in-class portion.

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**SUBJECT:** AUTONOMOUS IV CERTIFICATION

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6. The in-class session will be an 8-hour day, which consists of 7 hours of material and 1 hour of break time. All skill and AIV technical requirements will be addressed during the class.
7. AIV candidates are required to obtain a minimum of **20** supervised IV starts. This can be completed in-hospital or in the pre-hospital setting with a health care professional certified in AIV therapy. AIV candidates will have **6 months from the day after their in-class session** to obtain these attempts.

Candidates should attempt to provide monthly updates on their progress to their PPC.

8. Completed “**Supervised IV Attempts Tracking Form**” are to be submitted to the PPC or designate for review. Tracking forms must be legible and submitted in any of the following formats: PDF, Word or JPG.
9. Once a candidate receives *PCP AIV certification*, *HSN CPC will update the paramedic’s certification letter and email the Candidate and the EMS Service of the successful completion of the AIV course.*

***Candidates cannot incorporate AIV independently into their clinical practice without HSN CPC’s written authorization.***

10. Should an AIV candidate **not** complete their minimum 20 supervised starts within 6 months, the following steps will be taken:
  - a. The PPC will advise the PSO and Medical Director or designate of the situation along with any updates they have received from the candidate during the 6 months.
  - b. The PPC will reach out to the PSO and candidate to arrange an **in-person IV skill review** that will be completed by the PPC or designate within 10 business days. Once this in-person IV skill review is complete, the candidate will have an additional **90 days to obtain their 20 starts**. The candidate will provide monthly updates to their PPC.
  - c. Should the candidate not complete their 20 starts following the 90 day extension, an additional extension will be granted, as per above.

**Note:**

**\*\*CPC** quality of care committee (QCC) will review any occurrences whereby candidates did not acquire 20 IV starts within 13 months. At the discretion of the QCC committee, candidates may be required to repeat the AIV program.

**\*\*Repeat AIV** courses will be scheduled in consultation with the PSO.

## References and Related Documents