PURPOSE: To establish guidelines for the appropriate and ethical use of artificial intelligence (AI) tools for narrative generation within the Southern Fox Valley EMS System (SFVEMSS) while maintaining accuracy, consistency, and quality oversight.

POLICY:

1. EMS System providers and/or EMS agencies may only use SFVEMSS approved AI tools for narrative writing assistance.
   a. Current approved AI tool: ESO Auto-Generated Narrative

2. AI tools may be utilized for writing assistance to support EMS personnel in drafting clear, complete, and professional patient care narratives. However, every AI-generated narrative must be carefully reviewed and edited by the reporting EMS provider to ensure factual accuracy, medical appropriateness, and legal compliance.

3. Guidelines for use
   a. Permitted Uses:
      i. AI may assist in grammar correction, sentence structuring, and/or converting drop-down documentation to complete sentences.

   b. Prohibited Uses:
      i. AI may not be used to infer or guess undocumented details.

      ii. AI may not be used in medical decision making.

   c. Provider responsibilities:
      i. The EMS provider is solely responsible for ensuring the accuracy of the final narrative.

      ii. AI-assisted narrative cannot be submitted as complete without EMS provider review and approval. Prio to submission, the reporting EMS provider must document in the narrative that they have read, reviewed, and agree with all documented statements.

      iii. The EMS provider's final documentation must also reflect their direct observations, assessments, and interventions that are not able to be AI generated.

   d. Quality Assurance
      i. EMS agency quality assurance members will monitor the quality and accuracy of AI-assisted narratives. Any discrepancies found should be reported to the EMS System Coordinator for further investigation.

      ii. Improper use of AI may result in corrective action for the provider up to and including removal of AI-assist privileges for that specific provider, or the EMS agency as a whole.

e. Training and Education
   i. Personnel must complete approved training on the appropriate use of AI for documentation assistance prior to using such tools. Training shall include the use, benefits, limitations, ethical consideration, and personal responsibility of using AI. The EMS agency must show documentation to SFVEMSS that individual training has occurred.

4. EMS agency implementation

   a. Each EMS agency shall undergo a trial period upon initial implementation where 100% quality review of all AI-assist ePCRs are reviewed by the EMS agency quality assurance team.
      i. The trial period will be a minimum of one month.

      ii. The SFVEMSS Quality Assurance Coordinator will review AI-assist ePCRs for the following:
         1. Cardiac Arrest
         2. STEMIs
         3. Behavioral emergencies
         4. Stroke
         5. Level I & II Traumas
   b. EMS agencies are required to receive written permission from SFVEMSS prior to the use of any AI approved tools.