KSA FOR INITIAL COMPETENCY ASSESSMENT FOR INTRAVENOUS INSERTION AND VENIPUNCTURE (RN)

This form is to describe what is entailed in completing the initial competency assessment for Intravenous Insertion and Venipuncture. It is to be used as a guide for the preceptor and the employee to understand the expected knowledge, skills, and attitude (KSA) that is required to safely initiate peripheral venous access/venipuncture.

<table>
<thead>
<tr>
<th>COMPETENCY DOMAIN</th>
<th>KNOWLEDGE</th>
<th>METHOD OF VERIFICATION</th>
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<tbody>
<tr>
<td>Policies</td>
<td>Review Infusion Therapy policy Nur HS 116</td>
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<tr>
<td>Related Lippincott procedures/skills checklists</td>
<td>IV catheter insertion Lippincott competency</td>
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<td></td>
<td><a href="http://procedures.lww.com/inp/view.do?pId=3470413">http://procedures.lww.com/inp/view.do?pId=3470413</a></td>
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<tr>
<td>Related Mosby's procedure/checklist</td>
<td>Vein Viewing Technology: Accuvein AV 400</td>
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<td><a href="http://learn.accuvein.com/">http://learn.accuvein.com/</a></td>
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<td></td>
<td>Near the bottom of the web page, Inside the Learning Center, view the training video, take the quiz, and print your certificate of completion.</td>
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<td><a href="http://www.accuvein.com/products/video-gallery/">www.accuvein.com/products/video-gallery/</a></td>
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<td><a href="http://www.youtube.com/user/AccuVein">www.youtube.com/user/AccuVein</a></td>
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<td>Venipuncture Lippincott competency</td>
<td><a href="http://procedures.lww.com/inp/view.do?pId=3470281">http://procedures.lww.com/inp/view.do?pId=3470281</a></td>
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<td>Attend Basic IV therapy Class (optional, per unit requirement).</td>
<td>Infusion Therapy Standards of Practice, Supplement to January/February 2016 Volume 39, Number 1SISSN 1533-1458 <a href="http://www.journalofinfusionnursing.com">www.journalofinfusionnursing.com</a></td>
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</table>

- States indications for initiating infusion therapy, required orders for insertion and/or venipuncture.
- Verbalizes understanding of assessment techniques including vein viewing technology to determine the appropriate site, catheter, and catheter size.
- Verbalizes criteria to select catheter based on age, anatomy and type of therapy and treatment.
- Verbalizes understanding of the elements to prepare patient for insertion and venipuncture including methods to maximize patient comfort (use of local anesthetic).
- Verbalizes understanding measures to promote patient and nurse safety and prevention of infection.
- Formal Class Attendance
# KSA FOR INITIAL COMPETENCY ASSESSMENT FOR INTRAVENOUS INSERTION AND VENIPUNCTURE (RN)

## SKILLS

- Communicates to patient and family the plan, rationale, expectations for procedure utilizing CI-CARE.
- Demonstrates all elements of peripheral infusion therapy with vascular access devices.
- Demonstrates appropriate pre-insertion assessment utilizing vein finding technology to perform intravenous catheter insertion and/or venipuncture as outlined in Lippincott.
- Demonstrates appropriate assessment and use of pre-procedure topical/intradermal anesthetic (upcoming nurse-driven protocol).
- Demonstrates selection of appropriate catheter.
- Demonstrates insertion with utilizing appropriate technique and safety precautions (securement).
- Demonstrates of three peripheral intravenous catheter insertions with and without vein finding technology following Lippincott competency during orientation.
- Demonstrates of at least three attempts to start a peripheral intravenous catheter insertion with vein finding technology following Lippincott competency during the probationary period.

## ATTITUDE

- Values and demonstrates clear communication with the patient, family members and the interdisciplinary team
- Appreciates the standards of practice and policies as provided by our organization, and the importance of following evidence based practice, appreciates the risks associated with not following policies
- Incorporates competency for specific patient populations based on age. Age-based competency will address needs by chronological, functional or life state groups, including physical and psychological development needs and patient educational requirements
- The clinician is responsible and accountable for attaining and maintaining competence with infusion therapy administration and vascular access devices (VAD) insertion and/or management within the scope of practice
- Direct observation of attitude/behaviors by preceptor:
  - Actively provides bedside shift report and encourages other nurses to actively participate at the bedside.
  - Clearly communicates and sets expectations for the patient.
  - Creates an environment that minimizes pain and stress for the patient (this will tie into the nurse driven IV insertion analgesic protocol that is being developed).
  - Actively seeks out opportunities to improve and retain IV insertion skills.
  - The clinician participates in quality improvement activities advancing safety and excellence with vascular access devices.
  - Follows UCLA's IV insertion algorithm in seeking out additional resources for difficult IV starts using the Michigan Appropriateness Guide for Intravenous Catheters (MAGIC).

## QSEN Competencies Alignment: Safety