

Procedure Competency Assessment Tool – Casting and Splinting

Provider: _____

Date: _____

Procedure: Splint Cast Type: _____

How many of this procedure have you completed thus far? _____

Please circle the descriptor corresponding to the candidate's performance in each category, **irrespective of the training level.**

Indication/Informed Consent:

| Novice | Competent | Expert |
|--|--|--|
| Not sure of the patient's history, context of the procedure, or has knowledge gaps in procedure contraindications or potential complications | Understands the general indications, contraindications, potential complications, and clinical value of procedure; able to explain to patient | Clearly articulates the clinical value, potential complications, and alternatives to patient; able to accurately answer all patient questions to obtain informed consent |

Knowledge of Specific Procedure:

| Novice | Competent | Expert |
|--|--|---|
| Deficient knowledge in construction of particular cast or splint; unable to articulate procedure steps | Able to articulate all important steps of procedure; knowledgeable about construction of specific splint or cast | Demonstrates familiarity with all aspects of procedure, including properties of various casting materials |

Procedure Setup:

| Novice | Competent | Expert |
|---|---|--|
| Does not gather required supplies in sufficient quantity, or poor patient positioning | Gathers appropriately sized splinting/casting materials and supplies in sufficient quantity; positions patient appropriately for splint/cast construction | Ergonomic positioning of patient and setup of all supplies without excess waste of material; ideal water temperature for setting splint/cast |

Anesthesia: Not Applicable

| Novice | Competent | Expert |
|---|---|---|
| Does not know the appropriate anesthesia/sedation for the procedure; requires guidance to provide adequate anesthesia | Knows the appropriate anesthesia/sedation for the procedure; performs block without guidance and with good anesthesia | Smoothly and efficiently performs appropriate anesthesia/sedation without guidance and with good anesthesia |

Closed Reduction: Not Applicable

| Novice | Competent | Expert |
|---|--|--|
| Requires guidance to achieve adequate reduction | Achieves and maintains adequate fracture reduction with minimum guidance or help | Smoothly and efficiently performs the reduction without guidance |

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Padding Construction and Application:

| Novice | Competent | Expert |
|---|--|---|
| Needs guidance in sizing and application of stockinette or padding to eliminate wrinkles and protect skin from pressure or thermal injury | Correctly sizes and applies stockinette and adequate padding with appropriate overlap and layering; smooths and eliminates wrinkles without guidance | Obviously plans course of procedure with effortless flow from one move to the next; leads the team during the procedure |

Splint/Cast Construction and Application:

| Novice | Competent | Expert |
|--|--|---|
| Needs guidance with splint/cast construction, application, or molding/setting to achieve effective immobilization and maintain reduction without pressure points | Applies splint/cast with effective immobilization and reduction without guidance; eliminates potential pressure points by independently smoothing, molding, and trimming | Efficient splint/cast construction and application with effective immobilization, evenly distributed pressure, proper reinforcement, and maximal function |

Management of Complications: [] Not Applicable

| Novice | Competent | Expert |
|---|--|---|
| Does not recognize or appropriately address developing complication | Recognizes and appropriately addresses developing complication | Immediately recognizes developing complication; manages with precise direction and without hesitation |

Overall on this task did the provider demonstrate competency to perform this procedure independently?

Yes _____ No _____

Comments:

Attending Name (Print): _____

Signature/Date: _____