

## 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:**

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**Attending Name (Print):** \_\_\_\_\_

**Signature/Date:** \_\_\_\_\_