

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: _____