
Learning Objectives

MedBridge

Pediatric Casting: Applications for Plaster and Soft Cast

Trudy Boulter, OTR/L, CHT, BT-C

Mary “Peggy” Faussett, MOTR/L, CHT

Kerry Mikolaj, PT, DPT

Course Objectives

Upon completion of this course, learners will be able to

- Integrate the benefits of casting in the pediatric population into practice using evidence, clinical reasoning, and casting materials available to the clinician
- Analyze application of soft-cast products and their design based on diagnosis and clinical goals
- Apply orthotic and casting principles using soft cast, with the optional addition of plaster for specificity or a fiberglass stay for stability to address treatment goals
- Utilize the characteristics of soft-cast moldability and benefits of the properties of plaster to provide specificity of positioning and an optimal environment for wound healing
- Select the appropriate steps to complete plaster-backed soft cast in order to provide low-load, sustained stretch on tissue that impacts wound healing and tissue length of skin and soft tissue