Figure 3-1. Example of LTTM with memory.

Figure 3-2. (A) Rigid LTTM provides needed support to counteract large opposing forces (such as a heavy, large hand or clients who have spasticity). (B) Less rigid materials are more suited for smaller orthoses or those that require an intimate fit.

Figure 3-3. (A) This hand and wrist immobilization orthosis is made from LTTM that is resistant to stretch. The material does not conform as well around bony prominences and other anatomical landmarks but provides the necessary support for immobilizing large hands or multiple joints. (B) This hand-based fourth- and fifth-digit immobilization orthosis (also known as an ulnar gutter) is made from LTTM that is less rigid and conforms well over the metacarpophalangeal joints and the arches of the hand.