Supplemental Table 1

Examples of Shaping Activities and Potential Shaping Parameters During Pediatric Constraint Induced Movement Therapy

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| Activity | Shaping Parameter 1 | Shaping Parameter 2 | Shaping Parameter 3 |
| Placing pegs into peg board. | Increase the distance of the peg board from the participant to promote elbow extension.  | Elevate the height of the peg board to promote shoulder flexion.  | Decrease the size of the pegs to refine grasping patterns. |
| Pushing buttons on toy. | Decrease the size of the buttons to promote index finger isolation and improved accuracy. | Increase the resistance of the buttons to promote strength.  | Increase the number of repetitions of depressions completed to promote endurance.  |
| Throwing basketball in child size hoop.  | Increase the height of the hoop to promote shoulder flexion. | Require participant to pick ball up from the floor before shooting to promote elbow extension. | Increase the size/weight of the ball to promote strength.  |