Drill 1-Dexterity Skills

Drill Requirements:
Abdomen Model 1

Instruments:
Atraumatic bowel grasper
Maryland Dissector

Other Equipment:
Video monitor
Camera
Telescope 4mm, 30 degree

<u>**Task A**</u>: **Ring to Vertical Peg Transfer**
Objective: Transfer 8 rings onto a vertical peg

Performance Scoring:
Time to complete task
Total number of errors
      Dropped ring, missed attempt
      Instrument withdrawn/removed from trainer

<u>**Task B**</u>: **Bead to String Transfer**
Objective: Transfer 8 beads onto a string, alternating colors

Performance Scoring:
Time to complete task
Total number of errors
      Dropped bead, missed attempt
      Instrument withdrawn/removed from trainer
      Bead colors do not alternate

General Principles:
Time starts when participant places instruments into trainer, instruments are visible, and participant expresses that they are ready to begin. Each task is timed individually and start of timing is same for each task.

Errors are recorded if the participant drops a ring or bead or if they release ring or bead prior to it being placed on peg or string or if instruments are inadvertently pulled from the box trainer (tip of instrument out of box—one error for each instrument removed i.e., both instruments pulled out = 2 errors). In the bead task, failing to alternate bead colors is scored as an error each time the bead color is incorrect.

Time to complete each task as well as the number of errors that occurred during completion of each task are recorded.

Neonatal MIS Trainer Project
Participant Score Sheet

Session Date: _____   **REDCAP Record ID:** _____ - _____

Session Type (select one):

Evaluation Session (TS-E)				
☐ Baseline	☐ 6-month	☐ 12-month	☐ 18-month	☐ 24-month

☐ Mandatory Practice Session (TS-P)   ☐ Optional Practice Session (TS-O)

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Task A: Ring to Peg Transfer
Time to transfer 8 rings onto a vertical peg

_____
Minutes   Seconds

Errors

Dropped ring	Count: _____
Missed attempt	Count: _____
Instrument(s) pulled out of trainer	Count: _____

Task B: Bead to String Transfer
Time to transfer 8 beads onto a string, alternating colors

_____
Minutes   Seconds

Errors

Dropped bead	Count: _____
Missed attempt	Count: _____
Instrument(s) pulled out of trainer	Count: _____
Bead color does not alternate	Count: _____

*Record each error and indicate **total** number of each error type