

SURGICAL VERIFICATION OF PROFICIENCY

Suturing Technique Assessment Report

Suture Pattern: Vertical Mattress

Assessment Date: September 02, 2025

Assessment Result

PASS - Average Score: 2.9/5.0

Assessment Results

1. Correct deep (far-far) and superficial (near-near) passes

Score: 3/5 (Developing Pass / Generally Reliable)

Passes were generally symmetric with consistent depth and appropriate far-far/near-near sequence visible across multiple stitches. Needle angle frequently appeared close to perpendicular, though angular clarity was intermittently uncertain; no clear layer misplacement was evident.

2. Gentle tissue handling

Score: 2/5 (Minimal Pass / Basic Competent)

Most bites were taken with a single, precise forceps grasp per edge and minimal manipulation; however, there were segments showing multiple grasps, indicating occasional roughness that detracted from consistency.

3. Square, secure knots

Score: 3/5 (Developing Pass / Generally Reliable)

Knot construction was rarely in view; on the limited occasion it was glimpsed, it appeared acceptable but insufficient for definitive judgment. Visibility precludes reliable assessment.

4. Balanced tension deep vs superficial

Score: 3/5 (Developing Pass / Generally Reliable)

Closure consistently showed firm deep support without epidermal strangulation or edge blanching, and no puckering was evident; superficial throws appeared snug but not over-tight across the sequence.

5. Even spacing (0.5-1.0 cm)

Score: 3/5 (Developing Pass / Generally Reliable)

Intervals appeared uniform along the length of the wound with reproducible bite placement; while exact measurements were not verifiable, the pattern remained consistent without crowding or wide gaps.

6. Proper eversion

Score: 3/5 (Developing Pass / Generally Reliable)

A slight, continuous epidermal ridge was visible after placements, with no inversion noted; eversion quality was maintained through the run despite occasional frames where it was not directly visible.

7. Economy of time and motion

Score: 3/5 (Developing Pass / Generally Reliable)

Hands and instruments stayed close to the field with smooth, purposeful movements and only occasional brief departures; needle reloads and edge handling showed an efficient, repeatable pattern with minimal wasted motion.

Final Assessment

Final Score: 3 - Developing Pass / Generally Reliable

Summative Comment:

Passes were generally symmetric with consistent depth and appropriate far-far/near-near sequence visible across multiple stitches. Needle angle frequently appeared close to perpendicular, though angular clarity was intermittently uncertain; no clear layer misplacement was evident. Most bites were taken with a single, precise forceps grasp per edge and minimal manipulation; however, there were segments showing multiple grasps, indicating occasional roughness that detracted from consistency.

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Overall, this vertical mattress closure demonstrates a generally reliable technique with consistent bite symmetry, reproducible spacing, and a sustained eversion profile, indicating sound understanding of the far-far/near-near mechanics. The closure reads as balanced, with deep support achieved without superficial strangulation, and the wound edges come together predictably across stitches. Efficiency was a quiet strength—instrument travel stayed tight to the field, and sequences of placement, retrieval, and advancement were largely economical.

The main detractors were inconsistency in tissue handling on select passes and limited verifiable evidence of knot quality. While most edges were handled gently, episodes of multiple grasps introduce avoidable trauma and signal lapses in precision. Knot security remains a critical unknown given the paucity of clear views.

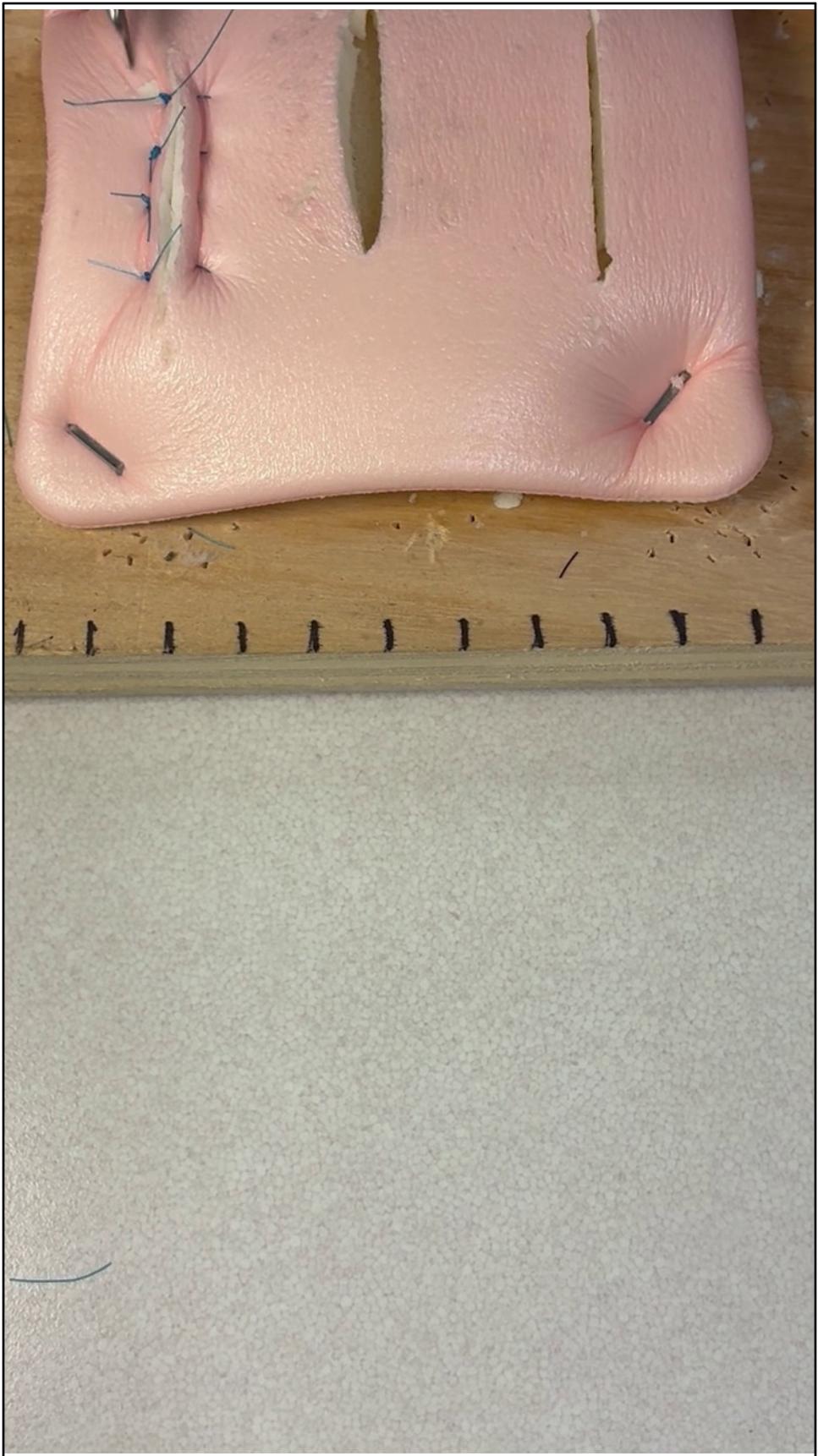
Taken together, the work reflects a competent, dependable approach with recognizable patterns of control and efficiency, but not yet the sustained precision and verifiable endpoints required for

higher-level marks.

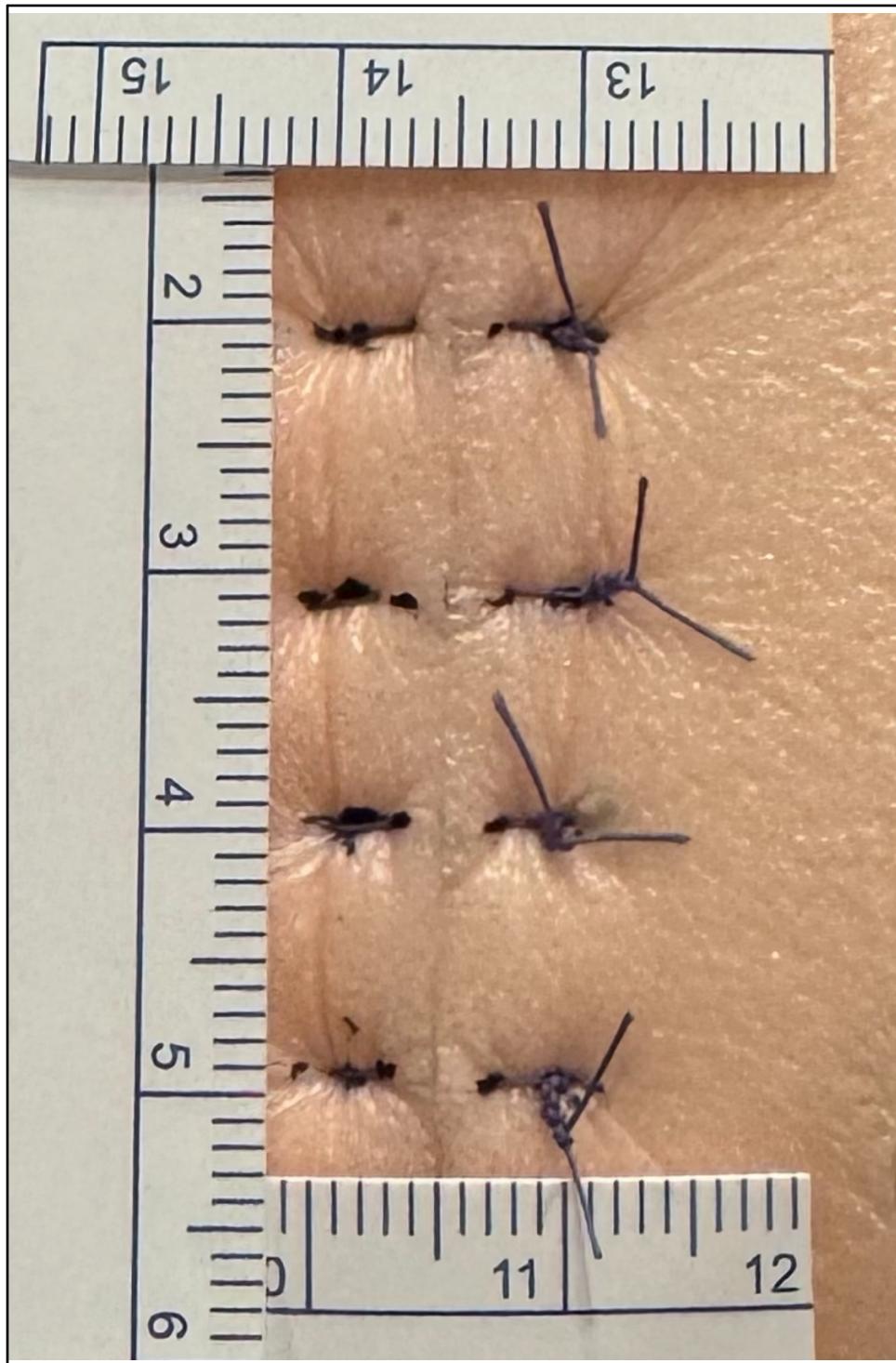
Visual Comparison

Learner Performance vs. Gold Standard Comparison

Learner Performance



Gold Standard



Compare the learner's final result (top) with the gold standard (bottom) for Vertical Mattress suturing technique. The learner image has been automatically cropped to focus on the suturing pad area for optimal comparison. Evaluate technique execution, spacing, tension, and overall surgical craftsmanship.