

Estimating ROI from bed days saved from LOS Reduction

Assumptions:

- Average reduction in LOS observed with Clinical Assistant discharge planning intervention: **0.7 days**¹
- Direct variable cost per day of bed in Med/Surg and TCU unit: **\$1,642**²
- Number of patients discharged from Goldman service: **2,670 in 9 months** of FY24 intervention period¹
- Annual cost of 1FTE Clinical Assistant salary and benefits: **\$176,281**

Estimated bed days saved during intervention period 2,670 patients x 0.7 days reduced = 1,869 days

Estimated direct variable cost savings during intervention period: 1,869 days x \$1,642 = \$3,068,898

Return on Investment of Clinical Assistant in FY24: \$3,068,898 - \$176,281 = **\$2,892,617 (15x ROI)**

Source:

1. Division of Hospital Medicine Service Leadership Dashboard, Tableau

13 2. Estimated average daily room and board cost saving associated with LOS reduction determined for FY23, courtesy of John Hillman