

Supplemental Digital Content 1. Time to first oral intake (hours) over time.Each point represents the time to first oral intake (hours) for each case. The blue line represents the average time to first oral intake (hours) in each month. Pre-intervention: 4/2019 – 6/2019. Post-intervention: 7/2019 – 9/2019.

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| --- | --- | --- | --- | --- | --- |
| Parameter | Estimate | *SE* | OR | 95% CI | *p* |
| All data, adjusted for confounders: logistic model on wound dehiscence. |
| Intercept, $β\_{0}$ | -9.16 | 3.87 | - | - | - |
| Time (months), $β\_{1}$ | 2.34 | 0.93 | 10.33 | 2.03, 81.97 | 0.01 |
| Intervention, $β\_{2}$ | -4.48 | 1.98 | 0.01 | 0, 0.42 | 0.02 |
| Time (months) x post, $β\_{3}$ | -19.37 | 2261.73 | <0.001 | -  | 0.99 |

Supplemental Digital Content 2. Case-level interrupted time series analysis logistic models on wound dehiscence. $β\_{0}$: intercept: log-odds of wound dehiscence at time 0 with intervention = 0. $β\_{1}$: pre-intervention slope: change in log-odds of wound dehiscence per month pre-intervention. $β\_{2}$: log-odds ratio of wound dehiscence at the start of intervention compared to end of pre-intervention. $β\_{3}$: difference between periods in slope of wound dehiscence over time: post-intervention minus pre-intervention



Supplemental Digital Content 3. Rate of wound dehiscence over time.Each point represents the rate of wound dehiscence in each month. Pre-intervention: 4/2019 – 6/2019. Post-intervention: 7/2019 – 9/2019.

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| Parameter | Estimate | *SE* | RR | 95% CI | *p* |
| Intercept, $β\_{0}$ | 1.38 | 0.44 | - | - | - |
| Time (months), $β\_{1}$ | 0.06 | 0.13 | 1.07 | 0.82, 1.39 | 0.62 |
| Intervention, $β\_{2}$ | -0.23 | 0.34 | 0.79 | 0.39, 1.58 | 0.49 |
| Time (months) x post, $β\_{3}$ | -0.35 | 0.18 | 0.70 | 0.49, 1.00 | 0.05 |

Supplemental Digital Content 4. Case-level interrupted time series analysis negative binomial model on hospital length of stay (days), adjusted for confounders. $β\_{0}$: intercept: average hospital length of stay (days) at time 0 with intervention = 0. $β\_{1}$: pre-intervention slope: change in average hospital length of stay (days) per month pre-intervention. $β\_{2}$: average hospital length of stay (days) at the start of intervention compared to end of pre-intervention. $β\_{3}$: difference between periods in slope of hospital length of stay (days) over time: post-intervention minus pre-intervention. SE: Standard error, RR: Relative Risk, CI: Confidence interval



Supplemental Digital Content 5. Hospital length of stay (days) over time.Each point represents the hospital length of stay for each case. The blue line represents the average hospital length of stay (days) in each month. Pre-intervention: 4/2019 – 6/2019. Post-intervention: 7/2019 – 9/2019.