

TJA difference in percentage of patients on narcotics  
**Time**

**Case Processing Summary**

|                     |          | Valid |         | Cases Missing |         | Total |         |
|---------------------|----------|-------|---------|---------------|---------|-------|---------|
|                     | Time     | N     | Percent | N             | Percent | N     | Percent |
| Percentage_Patients | 3 weeks  | 98    | 100.0%  | 0             | 0.0%    | 98    | 100.0%  |
|                     | 6 months | 49    | 100.0%  | 0             | 0.0%    | 49    | 100.0%  |

**Bootstrap**

**Bootstrap Specifications**

|                           |            |
|---------------------------|------------|
| Sampling Method           | Simple     |
| Number of Samples         | 1000       |
| Confidence Interval Level | 95.0%      |
| Confidence Interval Type  | Percentile |

**Descriptives**

|                     |         |                                  |             | Statistic | Std.<br>Error | Bootstrap <sup>a</sup> |               |
|---------------------|---------|----------------------------------|-------------|-----------|---------------|------------------------|---------------|
| Time                |         |                                  |             |           |               | Bias                   | Std.<br>Error |
| Percentage_Patients | 3 weeks | Mean                             |             | 76.5306   | 4.30311       | .0686                  | 4.2637        |
|                     |         | 95% Confidence Interval for Mean | Lower Bound | 67.9901   |               |                        |               |
|                     |         |                                  | Upper Bound | 85.0711   |               |                        |               |
|                     |         | 5% Trimmed Mean                  |             | 79.4785   |               | .0762                  | 4.7374        |
|                     |         | Median                           |             | 100.0000  |               | .0000                  | .0000         |
|                     |         | Variance                         |             | 1814.643  |               | -21.967                | 229.326       |
|                     |         | Std. Deviation                   |             | 42.59863  |               | -.34894                | 2.76551       |
|                     |         | Minimum                          |             | .00       |               |                        |               |
|                     |         | Maximum                          |             | 100.00    |               |                        |               |

|          |                                  |             |          |         |         |         |
|----------|----------------------------------|-------------|----------|---------|---------|---------|
|          | Range                            |             | 100.00   |         |         |         |
|          | Interquartile Range              |             | .00      |         | 37.47   | 46.90   |
|          | Skewness                         |             | -1.272   | .244    | -.034   | .301    |
|          | Kurtosis                         |             | -.392    | .483    | .180    | .864    |
| 6 months | Mean                             |             | 42.8571  | 7.14286 | -.5847  | 7.2337  |
|          | 95% Confidence Interval for Mean | Lower Bound | 28.4955  |         |         |         |
|          |                                  | Upper Bound | 57.2188  |         |         |         |
|          | 5% Trimmed Mean                  |             | 42.0635  |         | -.6497  | 8.0374  |
|          | Median                           |             | .0000    |         | 13.9000 | 33.2851 |
|          | Variance                         |             | 2500.000 |         | -61.417 | 136.096 |
|          | Std. Deviation                   |             | 50.0000  |         | -.63837 | 1.41920 |
|          | Minimum                          |             | .00      |         |         |         |
|          | Maximum                          |             | 100.00   |         |         |         |
|          | Range                            |             | 100.00   |         |         |         |
|          | Interquartile Range              |             | 100.00   |         | -.72    | 7.84    |
|          | Skewness                         |             | .298     | .340    | .037    | .322    |
|          | Kurtosis                         |             | -1.994   | .668    | .131    | .297    |

## Descriptives

|                         |                                  | Bootstrap<br>95% Confidence<br>Interval |          |
|-------------------------|----------------------------------|-----------------------------------------|----------|
| Time                    |                                  | Lower                                   | Upper    |
| Percentage_Pat<br>ients | 3 weeks                          |                                         |          |
|                         | Mean                             | 68.2704                                 | 85.0560  |
|                         | 95% Confidence Interval for Mean |                                         |          |
|                         | Lower Bound                      |                                         |          |
|                         | Upper Bound                      |                                         |          |
|                         | 5% Trimmed Mean                  | 70.3005                                 | 88.9511  |
|                         | Median                           | 100.0000                                | 100.0000 |
|                         | Variance                         | 1285.806                                | 2187.238 |
|                         | Std. Deviation                   | 35.85814                                | 46.76792 |
|                         | Minimum                          |                                         |          |
|                         | Maximum                          |                                         |          |

|          |                                  |             |          |          |
|----------|----------------------------------|-------------|----------|----------|
| 6 months | Range                            |             |          |          |
|          | Interquartile Range              |             | .00      | 100.00   |
|          | Skewness                         |             | -2.001   | -.797    |
|          | Kurtosis                         |             | -1.393   | 2.052    |
|          | Mean                             |             | 27.4593  | 56.5217  |
|          | 95% Confidence Interval for Mean | Lower Bound |          |          |
|          |                                  | Upper Bound |          |          |
|          | 5% Trimmed Mean                  |             | 24.9548  | 57.2464  |
|          | Median                           |             | .0000    | 100.0000 |
|          | Variance                         |             | 2031.694 | 2560.455 |
|          | Std. Deviation                   |             | 45.07431 | 50.60094 |
|          | Minimum                          |             |          |          |
|          | Maximum                          |             |          |          |
|          | Range                            |             |          |          |
|          | Interquartile Range              |             | 100.00   | 100.00   |
|          | Skewness                         |             | -.272    | 1.041    |
|          | Kurtosis                         |             | -2.102   | -.955    |

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

### Tests of Normality

|                     |          | Kolmogorov-Smirnov <sup>a</sup> |    |       | Shapiro-Wilk |    |       |
|---------------------|----------|---------------------------------|----|-------|--------------|----|-------|
| Time                |          | Statistic                       | df | Sig.  | Statistic    | df | Sig.  |
| Percentage_Patients | 3 weeks  | .474                            | 98 | <.001 | .525         | 98 | <.001 |
|                     | 6 months | .376                            | 49 | <.001 | .629         | 49 | <.001 |

a. Lilliefors Significance Correction

### Test of Homogeneity of Variance

|                     |                                      | Levene Statistic | df1 | df2     | Sig.  |
|---------------------|--------------------------------------|------------------|-----|---------|-------|
| Percentage_Patients | Based on Mean                        | 15.527           | 1   | 145     | <.001 |
|                     | Based on Median                      | 6.015            | 1   | 145     | .015  |
|                     | Based on Median and with adjusted df | 6.015            | 1   | 141.469 | .015  |
|                     | Based on trimmed mean                | 15.527           | 1   | 145     | <.001 |

## Kruskal-Wallis Test

### Ranks

|                     | Time     | N   | Mean Rank |
|---------------------|----------|-----|-----------|
| Percentage_Patients | 3 weeks  | 98  | 82.25     |
|                     | 6 months | 49  | 57.50     |
|                     | Total    | 147 |           |

### Test Statistics<sup>a,b</sup>

Percentage\_Patients

|                  |        |
|------------------|--------|
| Kruskal-Wallis H | 16.237 |
| df               | 1      |
| Asymp. Sig.      | <.001  |

a. Kruskal Wallis Test

b. Grouping Variable: Time

## Mann-Whitney Test

### Ranks

|                     | Time     | N   | Mean Rank | Sum of Ranks |
|---------------------|----------|-----|-----------|--------------|
| Percentage_Patients | 3 weeks  | 98  | 82.25     | 8060.50      |
|                     | 6 months | 49  | 57.50     | 2817.50      |
|                     | Total    | 147 |           |              |

### Test Statistics<sup>a</sup>

Percentage\_Patients

|                        |          |
|------------------------|----------|
| Mann-Whitney U         | 1592.500 |
| Wilcoxon W             | 2817.500 |
| Z                      | -4.030   |
| Asymp. Sig. (2-tailed) | <.001    |

a. Grouping Variable: Time