



Univers Revers™ Humeral Inclination Comparison

Purpose

To report the clinical outcomes of pain, function, and quality of life for patients who underwent reverse TSA using the Univers Revers prosthesis with humeral inclination set at 135° vs 155° degrees.

Methods

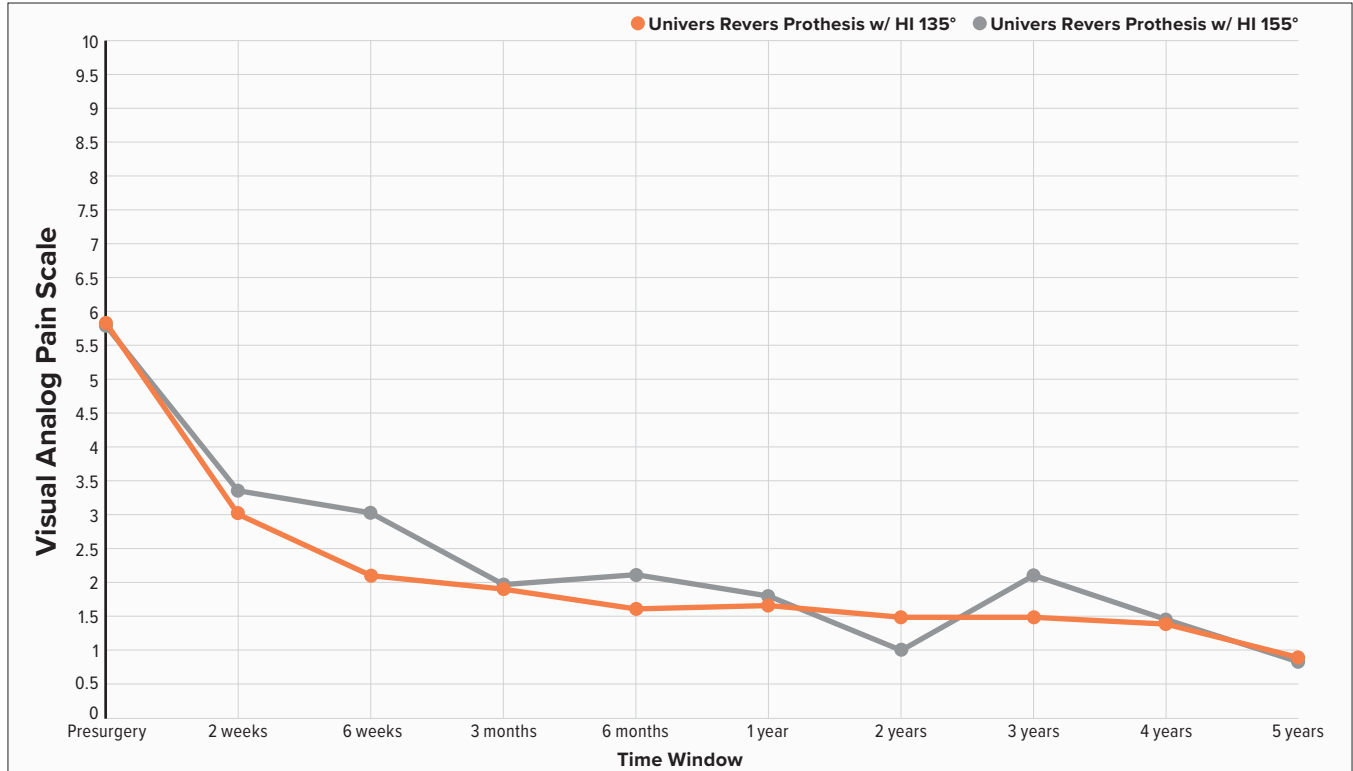
The inclusion criteria for this analysis were patients enrolled in the Surgical Outcomes System™ global registry who underwent rTSA using the Univers Revers prosthesis with humeral inclination of 135° or 155°. Standard patient-reported outcomes questionnaires for VAS, ASES Function, and SANE were administered at standard time points postoperatively. Results were reported from presurgery to 5 years postsurgery. The numbers of patients included per time point are shown to the right.

| Time Point | # of Compliant 135 Hi/ Total # of Patients | # of Compliant 155 Hi/ Total # of Patients |
|------------|---|---|
| Presurgery | 1205/1444 | 37/68 |
| 2 years | 322/593 | 32/51 |
| 3 years | 163/374 | 31/48 |
| 4 years | 59/181 | 20/46 |
| 5 years | 17/67 | 15/38 |

Trend Conclusion

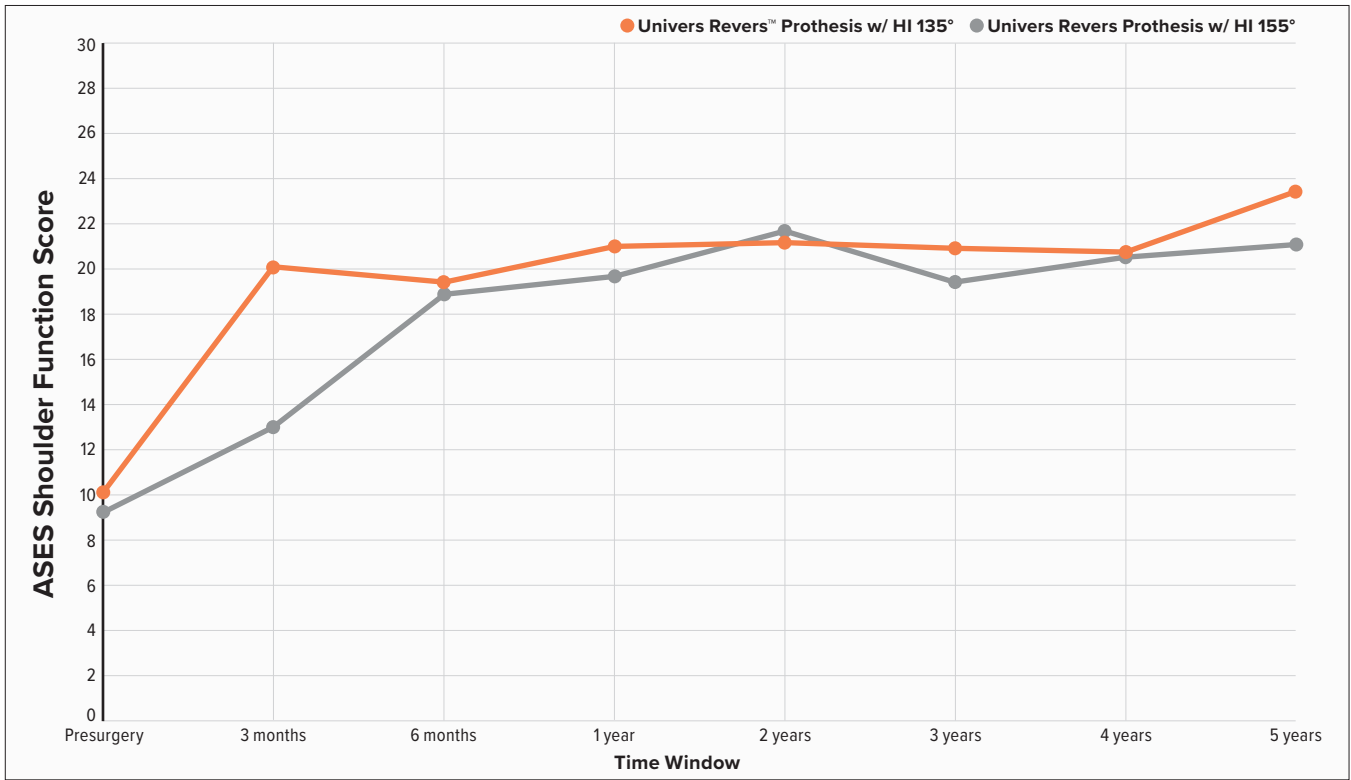
Based on these results, there appears to be similar trend in pain, function, and quality-of-life scores for reverse TSA using the Univers Revers prosthesis with humeral inclination of 135° and 155°. However, no claims can be made on the potential of these results without further analysis to determine statistical significance.

Results

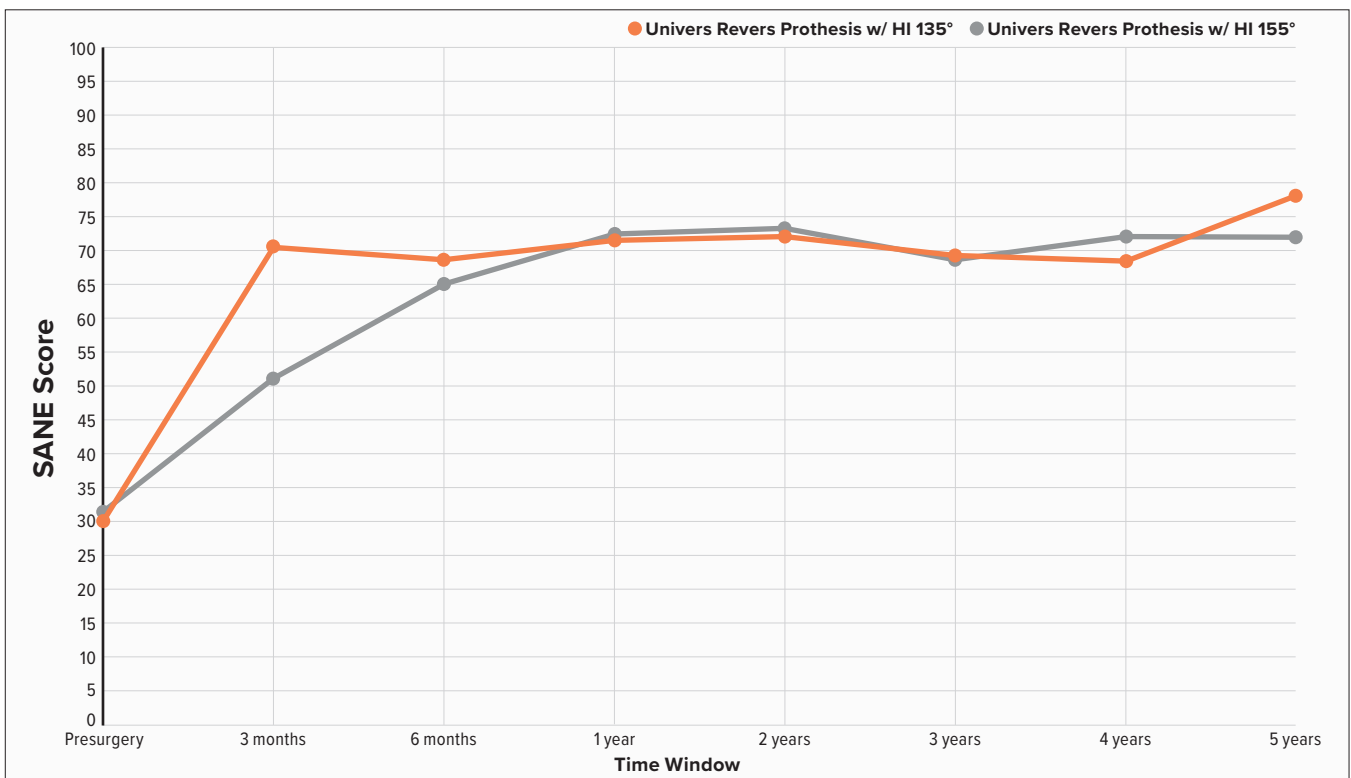


VAS





ASES Shoulder Function Score



SANE Score



Surgical Outcomes System

| Time Point | Univers Revers™ Prothesis w/ HI 135° Avg ± STD VAS | Univers Revers Prothesis w/ HI 155° Avg ± STD VAS |
|------------|---|--|
| Presurgery | 5.7 ± 2.6 | 5.6 ± 3.1 |
| 2 years | 1.5 ± 2.1 | 1.0 ± 1.1 |
| 3 years | 1.5 ± 2.1 | 2.2 ± 2.6 |
| 4 years | 1.3 ± 2.0 | 1.4 ± 1.6 |
| 5 years | 0.9 ± 1.0 | 0.8 ± 1.1 |

| Time Point | Univers Revers Prothesis w/ HI 135° Avg ± STD ASES Shoulder Function | Univers Revers Prothesis w/ HI 155° Avg ± STD ASES Shoulder Function |
|------------|---|---|
| Presurgery | 10.5 ± 5.2 | 9.5 ± 4.7 |
| 2 years | 21.2 ± 6.3 | 21.8 ± 5.1 |
| 3 years | 20.9 ± 6.3 | 19.5 ± 6.7 |
| 4 years | 20.6 ± 5.7 | 20.4 ± 5.6 |
| 5 years | 23.5 ± 5.1 | 21.1 ± 5.5 |

| Time Point | Univers Revers Prothesis w/ HI 135° Avg ± STD SANE | Univers Revers Prothesis w/ HI 155° Avg ± STD SANE |
|------------|---|---|
| Presurgery | 30.3 ± 20.6 | 32.4 ± 21.7 |
| 2 years | 72.8 ± 25.4 | 74.3 ± 20.8 |
| 3 years | 68.3 ± 29.1 | 67.4 ± 29.7 |
| 4 years | 68.7 ± 31.1 | 73.5 ± 22.3 |
| 5 years | 77.8 ± 24.6 | 73.3 ± 26.2 |