# Univers™ Apex Outcomes

## PURPOSE

To report the clinical outcomes of pain, function and quality of life for patients who have undergone total shoulder arthroplasty utilizing Univers Apex prosthesis.

## METHODS

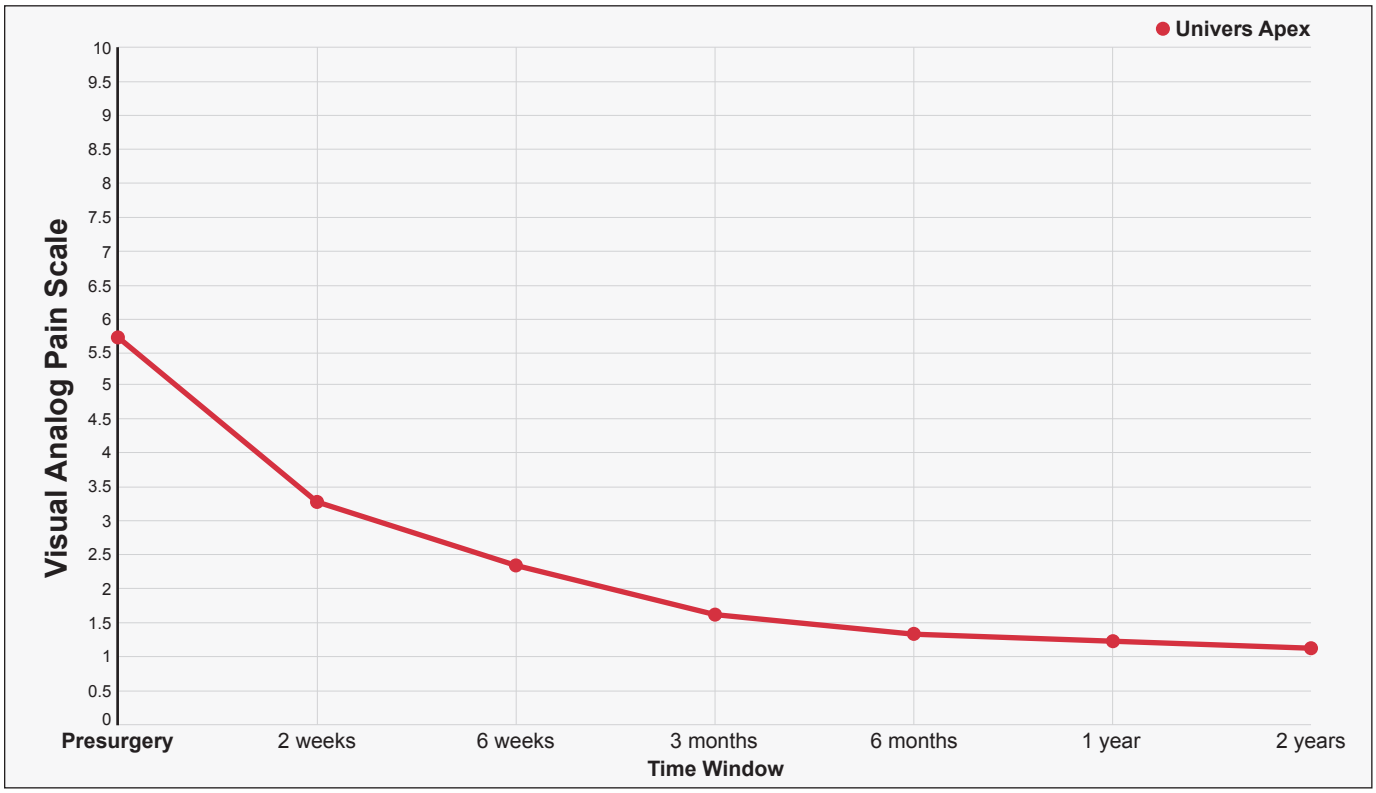
Patients enrolled in the Surgical Outcomes System™ global registry who underwent TSA utilizing Univers Apex prosthesis. Standard patient-reported outcomes questionnaires for VAS, ASES Shoulder Function and Index and SANE were administered at standard time points postoperatively. Results were reported from presurgery out to 2 years postsurgery. The number of patients included per time point is shown to the right.

| Time Point | # of Compliant Univers Apex Patients/ Total Patients |
|---|---|
| Presurgery | 354/479 |
| 1 year | 235/317 |
| 2 years | 138/198 |

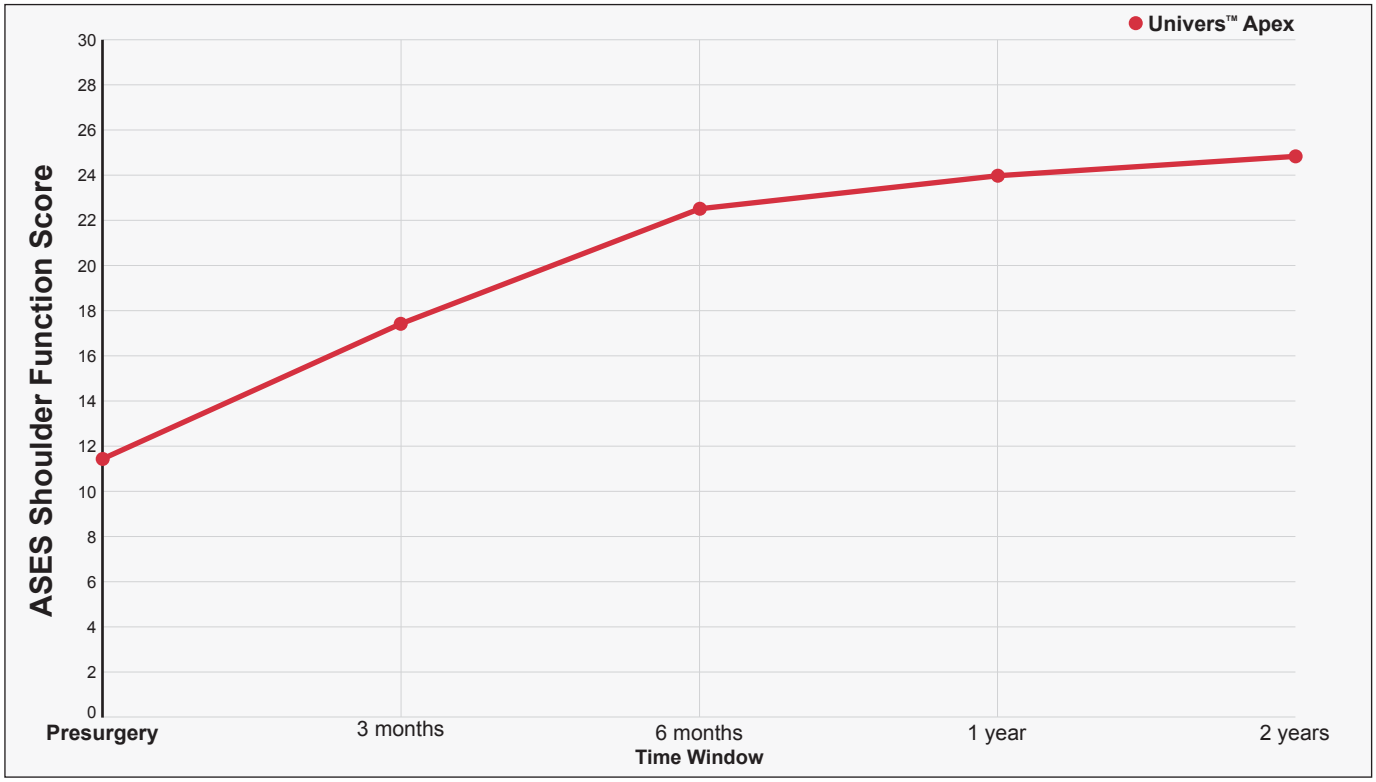
## TREND CONCLUSION

Based on these results, the pain, function and quality-of-life scores for patients undergoing total shoulder arthroplasty with the Univers Apex prosthesis trend towards favorable outcomes. However, no claims can be made on the potential of these results without further statistical analysis to determine statistical significance.

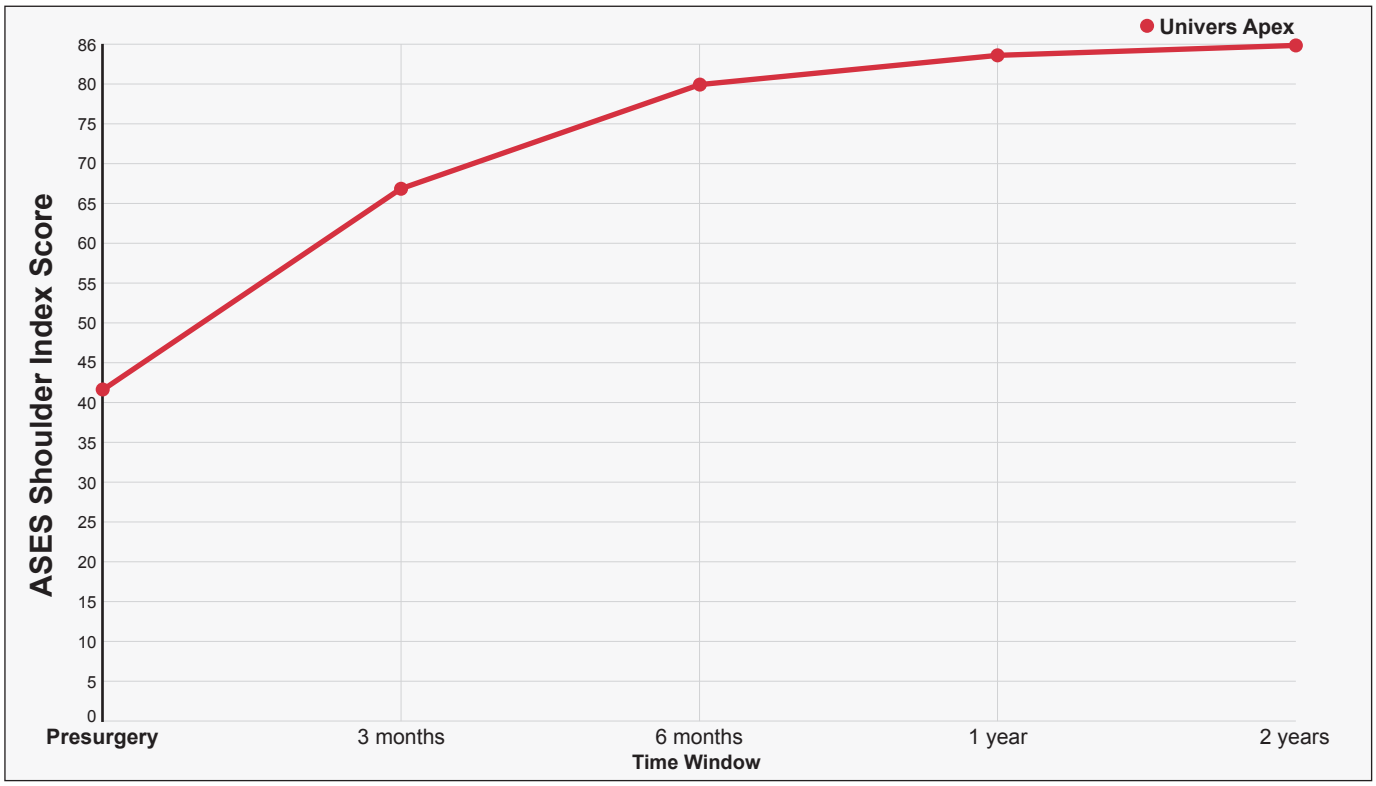
## RESULTS



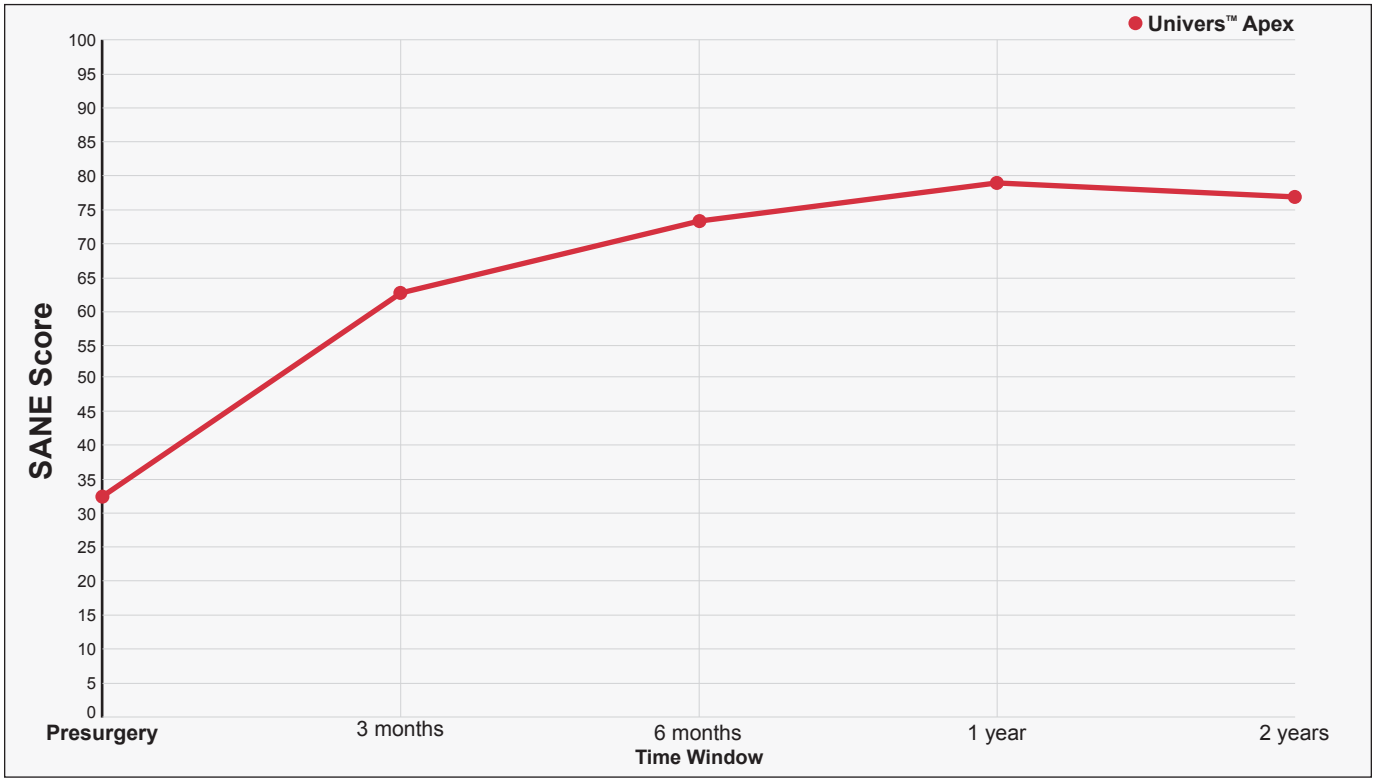

VAS




ASES Shoulder Function




ASES Shoulder Index


Univers™ Apex
SANE Score
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Presurgery
3 months
6 months
1 year
2 years
Time Window

SANE

| Time Point | Univers™ Apex Avg +/- STD<br>VAS |
|---|---|
| Presurgery | 5.7 +/- 2.3 |
| 1 year | 1.3 +/- 2.0 |
| 2 years | 1.1 +/- 1.7 |

| Time Point | Univers Apex Avg +/- STD<br>ASES Function |
|---|---|
| Presurgery | 11.5 +/- 5.2 |
| 1 year | 24.0 +/- 5.8 |
| 2 years | 24.6 +/- 5.7 |

| Time Point | Univers Apex Avg +/- STD<br>ASES Index |
|---|---|
| Presurgery | 40.7 +/- 16.6 |
| 1 year | 83.6 +/- 17.5 |
| 2 years | 85.6 +/- 16.3 |

| Time Point | Univers Apex Avg +/- STD<br>SANE |
|---|---|
| Presurgery | 32.3 +/- 19.2 |
| 1 year | 79.3 +/- 21.3 |
| 2 years | 76.6 +/- 26.0 |