Significant improvements in patient-reported Knee Society Scores (KSS) seen with JOURNEY™ II BCS

More than 90% of patients returned to work within six months of surgery

Study design

- A US multicentre case series assessing short-term patient-reported outcomes following JOURNEY II BCS total knee arthroplasty (TKA)
  - 186 patients were enrolled at six months post-TKA (209 knees; mean age, 61.1 years)
  - Patient pain relief, functional abilities and fulfillment of expectation (as measured by KSS) data were collected at 6, 12 and 24 months post-TKA

Key results

- Significant improvements were noted from six to 24 months patient-reported outcomes:
  - Satisfaction (32.7 to 35.2; p < 0.0001)
  - Patient expectation (10.4 vs 10.9; p = 0.039)
  - Functional activities (75.4 vs 81.5; p < 0.0001)
- Low pain scores were reported at 24 months post-TKA (0–10 pain scale)
  - Pain with level walking: 0.79
  - Pain with stair or incline: 1.50
- Over 90% of patients had returned to work by the six-month follow-up (Figure)

Conclusion

JOURNEY II BCS showed significant improvements in patient-reported KSS and movement-associated pain at 24 months post-TKA.

Considerations

- Owing to the retrospective enrollment of subjects, baseline KSS scores were not available

Study citation