Evidence in focus

Arthroplasty register analysis: AOANJRR automated industry report CPCS+OXINIUM/XLPE+R3

Collarless Polished Cemented Stems (CPCS) combined with OXINIUM°/XLPE (VERILAST° Technology) and R3° acetabular cup delivers reliable performance at 10 years

Plus points

Overview

- An automated industry report prepared by the Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR) summarises usage and outcomes of CPCS combined with OXINIUM/XLPE bearing and R3 cup compared to all other conventional total hip replacements (THR), based on data collected by the AOANJRR

- CPCS+OXINIUM/XLPE+R3 combination recorded usage between January 2008 and July 2019
  - 2,717 total procedures
  - 2,504 total patients
  - 149 implanting surgeons at 112 centres

Results

- Cumulative percent revision of CPCS+OXINIUM/XLPE+R3 combination is similar to conventional THR in the AOANJRR (Figure)

Conclusion

CPCS+OXINIUM/XLPE+R3 demonstrates 10-year survivorship comparable to conventional THR.

1AOANJRR is confident in the accuracy of the data included in this report, at the time it was provided. However, it was generated using an automated reporting system and has not been reviewed by the AOANJRR personnel.
CPCS
Cemented Hip System
16 years
of clinical heritage
10A* ODEP rating

OXINIUM®
with XLPE
15 years
of clinical heritage

R3◊
Acetabular System
15 years
of clinical heritage
10A* ODEP rating

References

Smith & Nephew. Inc., 1450 Brooks Road, Memphis, TN 38116, USA.
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