

BI-MENTUM™
DUAL MOBILITY SYSTEM

The perfect symphony comes from the purest sounds

With the BI-MENTUM™ Dual Mobility System we complete our portfolio with a product supported by robust clinical data.^{1, 2, 3}

With BI-MENTUM alongside the CORAIL® PINNACLE® Family of Products, we aim to **achieve the perfect symphony** in the Total Hip Replacement Market!

 **DePuy Synthes**
THE ORTHOPAEDICS COMPANY OF *Johnson & Johnson*


DePuy Synthes
Hip Replacement Portfolio



BI-MENTUM™
DUAL MOBILITY SYSTEM



PINNACLE®
ACETABULAR CUP SYSTEM



CORAIL®
HIP SYSTEM



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How do you commonly manage your primary cases?

CORAIL Collared Stem with PINNACLE Acetabular Cup

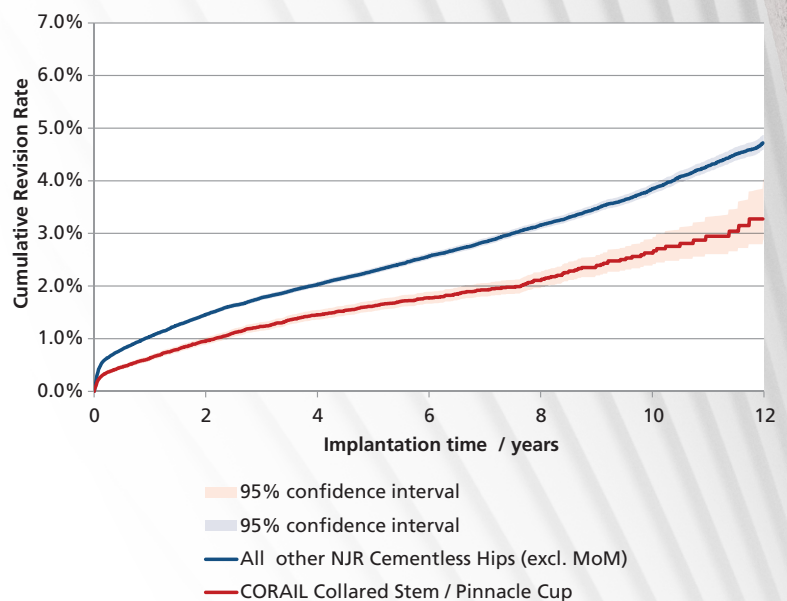
Your cementless solution with a **28% lower risk of revision** when compared to all other uncemented constructs on the NJR.⁴

Adjusted HR 0.72 (0.68, 0.77) $p < 0.001$

The CORAIL Femoral Stem is available with a collar. Proponents of the use of a collared prosthesis claim that it provides advantages in the early stability of the implant, allowing for earlier post-operative weight bearing, protection against subsidence, and a positive dispersion of the vertical forces via the collar into the medial calcar.^{2,35,6}

The CORAIL collared PINNACLE Hip System shows a **28% lower risk** of revision compared to all other cementless hips.⁴

Adjusted HR 0.72 (0.68, 0.77) $p < 0.001$



Supporting Evidence

BI-MENTUM™ DUAL MOBILITY SYSTEM



40 years of clinical experience²

165,000 cups provided worldwide since 2007⁸

100% cup survivorship with zero dislocation at 10 years⁹

(Serf NOVAE® Dual Mobility Cup)

CORAIL® HIP SYSTEM

Over 30 years of clinical experience⁷

2,500,000 Stems provided worldwide since 1986¹⁰

93.7% survivorship at 30 years¹¹



7A* PINNACLE GRIPTION
Acetabular System

PINNACLE® ACETABULAR CUP SYSTEM

20 years of clinical experience⁷

3,400,000 cups provided worldwide since 2000¹²

100% survivorship for revision related to wear or loosening of the PINNACLE, minimum 10 years of follow-up¹³

How do you manage complex cases?

As reported in a recent study by Fessy et al. satisfactory midterm clinical and radiographic outcomes have been achieved in a series of 541 uncemented THA using a contemporary Dual Mobility cup (SERF NOVAE Sunfit TH Dual Mobility Cup, equivalent design and manufacturer as BI-MENTUM Dual Mobility Cup) in association with a CORAIL Stem. 103 patients (111 hips) died and 41 patients (42 hips) were lost to follow up, leaving 358 patients (375 hips) for assessment. The overall 10-year cup survival is reported as 98.6% (95%CI 96.6, 99.4%) and there were no revisions for dislocation or aseptic cup loosening.¹⁴

Managing patients with a higher risk of dislocation

BI-MENTUM Acetabular Cups are especially indicated for patients demonstrating a high risk of instability.¹⁵

Managing patients with a higher risk of early peri-prosthetic fracture

Peri-Prosthetic Fracture remains a major complication following THR, often associated with a poor outcome, high mortality rate and incomplete functional recovery.¹⁶ Advanced age is considered a risk factor for post-op peri-prosthetic fracture.¹⁶

CORAIL Collared has a significantly fewer revisions due to peri-prosthetic fracture when compared to all other cementless hips in the UK NJR.⁴

What do the CORAIL PINNACLE Faculty Recommend?

When asked, 14 out of 15 members of the CORAIL International Faculty group confirmed they would recommend a collared CORAIL in combination with BI-MENTUM for patients at high risk of dislocation.¹⁷



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