

intellijoint HIP[®]

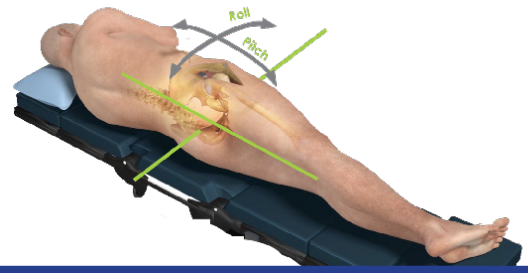
Accurate cup position. Regardless of intra-op motion.

Patient movement during Total Hip Arthroplasty (THA) impacts cup position accuracy. Component malposition increases the likelihood of instability, dislocation, readmission and revision surgery.

ON AVERAGE HOW MUCH DO PATIENTS MOVE?

STUDY DESIGN: Data from 99 patients who underwent a posterior approach THA was retrospectively reviewed.

METHOD: Intraoperative pelvic movement was measured using **intellijoint HIP[®]**.



RESULTS

69%

of patients rolled

OVER 4°



54%

of patients rolled

OVER 6°



25%

of patients rolled

OVER 10°



For every 1° of roll, anteversion is affected by

0.64 DEGREES

HOW DOES THIS AFFECT CUP POSITION?

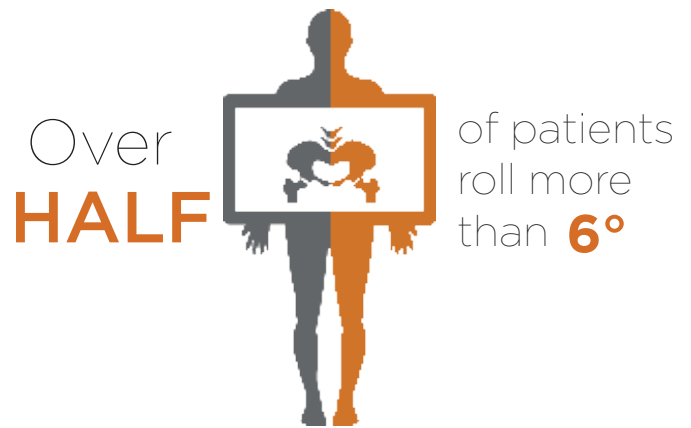
Average roll per patient : Maximum roll per patient

7.3°

31.3°

THIS MEANS THAT...

Anteverion can be affected up to 15°



1 in 4 patients roll over 10°



10° roll = 6.4° inaccuracy in anteverion value

In a SAFE ZONE of 15° ± 10° 6.4° is SIGNIFICANT

intellijoint HIP®

intellijoint HIP® reports cup position relative to the pelvis, eliminating the impact of patient movement.

 **intellijoint**
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