



Enhanced Stability
System

ENHANCED HIP STABILITY

OPTIMIZED RANGE OF MOTION

MAXIMIZED HEAD-TO-SHELL RATIO



ES³ LINERS

		+4 Neutral	+4 10°
56 mm	40 mm	1219-40-456	1219-40-156
		1219-40-458	1219-40-158
		1219-40-460	1219-40-160
62 mm	44 mm	1219-44-462	1219-44-162
		1219-44-464	1219-44-164
		1219-44-466	1219-44-166
		1219-44-468	1219-44-168
70 mm	48 mm	1219-48-470	1219-48-170
		1219-48-472	1219-48-172
		1219-48-474	1219-48-174
		1219-48-476	1219-48-176

Marathon® ES³ liners help provide increased hip stability and range of motion. When ES³ liners are used with DePuy stems that feature reduced neck geometry, surgeons are able to provide patients with a hip designed for stability and high function.

- Enhanced Hip Stability**

The ES³ liner enhances stability by incorporating larger inner diameters and a cylindrical buildup (“Charnley bore”) to increase subluxation jump distance.

- Optimized Range of Motion**

By utilizing larger inner diameters and optimized head-to-neck ratio, ES³ liners maximize available range of motion.

- Maximized Head-to-Shell Ratio**

ES³ liners are available with 40, 44 and 48 mm inner diameters starting in 56 mm outer diameter shells. Head size is maximized without compromising liner integrity.

- Marathon Cross-linked Polyethylene**

Marathon polyethylene produces an 86 percent reduction in hip simulator wear rates compared to standard polyethylene.¹⁻³

References

1. Data on file, DePuy Orthopaedics, Inc.
2. McKellop, H., et al. “Development of an Extremely Wear-Resistant Ultra High Molecular Weight Polyethylene for Total Hip Replacements.” *Journal of Orthopaedic Research* Vol. 17, No. 2, 1999: 157-166.
3. McKellop, H., et al. “Wear of Gamma-Crosslinked Polyethylene Acetabular Cups Against Roughened Femoral Balls.” *Clinical Orthopaedics and Related Research* No. 369, December 1999: 73-82.

FEMORAL HEADS

S-ROM® 11/13

		Metal	Trial
-3	40 mm	1365-41-500	2531-41-500
		1365-42-500	2531-42-500
		1365-43-500	2531-43-500
		1365-44-500	2531-44-500
		1365-45-500	2531-45-500
+3	44 mm	1365-61-500	2531-61-500
		1365-62-500	2531-62-500
		1365-63-500	2531-63-500
		1365-64-500	2531-64-500
+6	48 mm	1365-65-500	2531-65-500
		1365-66-500	2531-66-500
		N/A	N/A
		1365-69-500	2531-69-500
+9		1365-70-500	2531-70-500
		1365-79-500	2531-79-500
		1365-80-500	2531-80-500
		1365-81-500	2531-81-500

Articul/Eze® 12/14

		Metal	Trial
-2	40 mm	1365-04-000	2531-04-000
		1365-05-000	2531-05-000
		1365-06-000	2531-06-000
		1365-07-000	2531-07-000
		1365-08-000	2531-08-000
+1.5	44 mm	1365-09-000	2531-09-000
		1365-60-000	2531-60-000
		1365-61-000	2531-61-000
		1365-62-000	2531-62-000
+5	48 mm	1365-63-000	2531-63-000
		1365-64-000	2531-64-000
		1365-65-000	2531-65-000
		1365-67-000	2531-67-000
+8.5		1365-68-000	2531-68-000
		1365-69-000	2531-69-000
		1365-70-000	2531-70-000
		1365-79-000	2531-79-000
+12		1365-80-000	2531-80-000
		1365-80-000	2531-80-000



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