United®
Orthopedic Corporation

U2 MBC Knee

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Mobile Bearing Congruent Rotation Platform

- High Conforming design allows Cruciate Retaining or Sacrificing
- Dual-surface articulation between a polyethylene insert and the femoral component and tibial tray improved the mobility characteristics and gait patterns [1]

U2 CR Femoral Component

- 6 sizes (right / left), CoCrMo alloy
- Cemented / Porous type
- 4° patella groove
- Extended deep patella groove provides stable patellofemoral tracking even in high flexion.
- Eliminate box cut reduce femur fracture [2]

Mobile-bearing Tibial Baseplate

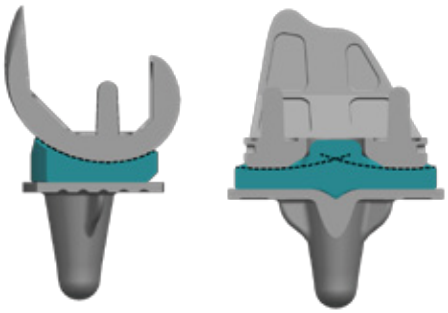
- 6 Sizes, CoCrMo alloy
- Cemented type
- Highly mirror-polished platform reduces the backside wear

Ultra-congruent Insert

- UHMWPE tibial insert available in 6 sizes, 5 thickness (9, 11, 13, 15, 18 mm)
- Central stopper enhances joint M/L stability and also allows 4.5 degrees hyperextension.
- Higher anterior lip to prevent femoral paradoxical anterior sliding

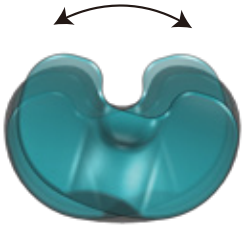
Congruent Condylar Surface

- Conforming inserts to increase contact area and reduce PE wear [3]



I/E Rotation

- Unidirectional A/P wear pattern on the bearing surface and circular rotation on the under surface. Unidirectional motion is known to produce low wear [4]



Component Size Pairing Table

The femoral component and the insert need to be in the same size and the mating baseplate should not be more than one size down to avoid overhanging while rotating

Femur	Insert	Baseplate					
		#1	#2	#3	#4	#5	#6
#1	#1	√	√	√	√	√	√
#2	#2	√	√	√	√	√	√
#3	#3		√	√	√	√	√
#4	#4			√	√	√	√
#5	#5				√	√	√
#6	#6					√	√

1.Sorrels et al. Midterm results of mobile-bearing total knee arthroplasty in patients younger than 65 years. Clin Orthop Relat Res. 2001; 390:182-189.
2.Laskin et al. deep-dish congruent tibial component use in total knee arthroplasty: a randomized prospective study. Clin Orthop Relat Res. 2000; 380:36-44.
3.Hofmann et al. Posterior stabilization in total knee arthroplasty with use of an ultracongruent polyethylene insert. J Arthroplasty. 2000; 15:576-83.
4.McEwen et al . Wear of fixed bearing and rotating platform mobile bearing knees subjected to high internal and external tibial rotation kinematics. J Mater Sci Mater Med. 2001; 12:1049-1052.

Order Information

U2 Femoral Component

Cat. No.	Description
2103-1110	CR, porous, #1, left
2103-1120	CR, porous, #2, left
2103-1130	CR, porous, #3, left
2103-1140	CR, porous, #4, left
2103-1150	CR, porous, #5, left
2103-1160	CR, porous, #6, left
2103-1210	CR, porous, #1, right
2103-1220	CR, porous, #2, right
2103-1230	CR, porous, #3, right
2103-1240	CR, porous, #4, right
2103-1250	CR, porous, #5, right
2103-1260	CR, porous, #6, right
2103-1310	CR, cemented, #1, left
2103-1320	CR, cemented, #2, left
2103-1330	CR, cemented, #3, left
2103-1340	CR, cemented, #4, left
2103-1350	CR, cemented, #5, left
2103-1360	CR, cemented, #6, left
2103-1410	CR, cemented, #1, right
2103-1420	CR, cemented, #2, right
2103-1430	CR, cemented, #3, right
2103-1440	CR, cemented, #4, right
2103-1450	CR, cemented, #5, right
2103-1460	CR, cemented, #6, right

U2 Tibial Baseplate

Cat. No.	Description
2203-7010	MB, #1
2203-7020	MB, #2
2203-7030	MB, #3
2203-7040	MB, #4
2203-7050	MB, #5
2203-7060	MB, #6

Inset Patellar Component

Cat. No.	Description
2401-1010	1 pegs, 22 mm, S
2401-1020	1 pegs, 25 mm, M
2401-1030	1 pegs, 28 mm, L
2401-1040	1 pegs, 32 mm, XL

MBC Tibial Insert

Cat. No.	Description
2303-7211	MBC, #1, 9 mm
2303-7212	MBC, #1, 11 mm
2303-7213	MBC, #1, 13 mm
2303-7214	MBC, #1, 15 mm
2303-7215	MBC, #1, 18 mm
2303-7221	MBC, #2, 9 mm
2303-7222	MBC, #2, 11 mm
2303-7223	MBC, #2, 13 mm
2303-7224	MBC, #2, 15 mm
2303-7225	MBC, #2, 18 mm
2303-7231	MBC, #3, 9 mm
2303-7232	MBC, #3, 11 mm
2303-7233	MBC, #3, 13 mm
2303-7234	MBC, #3, 15 mm
2303-7235	MBC, #3, 18 mm
2303-7241	MBC, #4, 9 mm
2303-7242	MBC, #4, 11 mm
2303-7243	MBC, #4, 13 mm
2303-7244	MBC, #4, 15 mm
2303-7245	MBC, #4, 18 mm
2303-7251	MBC, #5, 9 mm
2303-7252	MBC, #5, 11 mm
2303-7253	MBC, #5, 13 mm
2303-7254	MBC, #5, 15 mm
2303-7255	MBC, #5, 18 mm
2303-7261	MBC, #6, 9 mm
2303-7262	MBC, #6, 11 mm
2303-7263	MBC, #6, 13 mm
2303-7264	MBC, #6, 15 mm
2303-7265	MBC, #6, 18 mm

Onset Patellar Component

Cat. No.	Description
2403-1010	3 pegs, 26 mm, XS
2403-1020	3 pegs, 29 mm, S
2403-1030	3 pegs, 32 mm, M
2403-1040	3 pegs, 35 mm, L
2403-1050	3 pegs, 38 mm, XL

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