



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 to reduce femur fracture ²



Mobile-bearing Tibial Baseplate

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

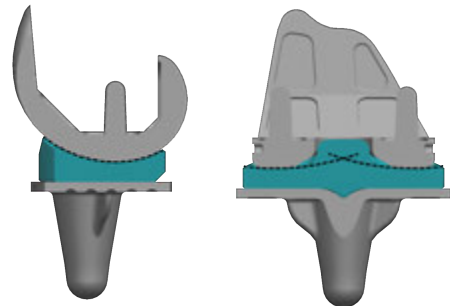


Ultra-congruent Insert

- 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

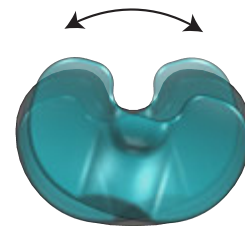
Congruent Condylar Surface

- Conforming inserts to increase contact area and reduce PE wear³



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 wear⁴



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; 390:182-9.

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; 12:1049-52.

Order Information

■ U2 Femoral Component		■ MBC Tibial Insert	
Cat. No.	Description	Cat. No.	Description
2103-1110	CR, porous, #1, left	2303-7211	#1 9 mm
2103-1120	CR, porous, #2, left	2303-7212	#1 11 mm
2103-1130	CR, porous, #3, left	2303-7213	#1 13 mm
2103-1140	CR, porous, #4, left	2303-7214	#1 15 mm
2103-1150	CR, porous, #5, left	2303-7215	#1 18 mm
2103-1160	CR, porous, #6, left	2303-7221	#2 9 mm
2103-1210	CR, porous, #1, right	2303-7222	#2 11 mm
2103-1220	CR, porous, #2, right	2303-7223	#2 13 mm
2103-1230	CR, porous, #3, right	2303-7224	#2 15 mm
2103-1240	CR, porous, #4, right	2303-7225	#2 18 mm
2103-1250	CR, porous, #5, right	2303-7231	#3 9 mm
2103-1260	CR, porous, #6, right	2303-7232	#3 11 mm
2103-1310	CR, cemented, #1, left	2303-7233	#3 13 mm
2103-1320	CR, cemented, #2, left	2303-7234	#3 15 mm
2103-1330	CR, cemented, #3, left	2303-7235	#3 18 mm
2103-1340	CR, cemented, #4, left	2303-7241	#4 9 mm
2103-1350	CR, cemented, #5, left	2303-7242	#4 11 mm
2103-1360	CR, cemented, #6, left	2303-7243	#4 13 mm
2103-1410	CR, cemented, #1, right	2303-7244	#4 15 mm
2103-1420	CR, cemented, #2, right	2303-7245	#4 18 mm
2103-1430	CR, cemented, #3, right	2303-7251	#5 9 mm
2103-1440	CR, cemented, #4, right	2303-7252	#5 11 mm
2103-1450	CR, cemented, #5, right	2303-7253	#5 13 mm
2103-1460	CR, cemented, #6, right	2303-7254	#5 15 mm
		2303-7255	#5 18 mm
		2303-7261	#6 9 mm
		2303-7262	#6 11 mm
		2303-7263	#6 13 mm
		2303-7264	#6 15 mm
		2303-7265	#6 18 mm
■ U2 MB Tibial Baseplate		■ Onset Patellar Component	
Cat. No.	Description	Cat. No.	Description
2203-7010	#1	2403-1010	3 pegs, 26 mm, XS
2203-7020	#2	2403-1020	3 pegs, 29 mm, S
2203-7030	#3	2403-1030	3 pegs, 32 mm, M
2203-7040	#4	2403-1040	3 pegs, 35 mm, L
2203-7050	#5	2403-1050	3 pegs, 38 mm, XL
2203-7060	#6	2403-1060	3 pegs, 41 mm, 2XL
		2403-1070	3 pegs, 44 mm, 3XL
■ Inset Patellar Component			
Cat. No.	Description		
2401-1010	1 peg, 22 mm, S		
2401-1020	1 peg, 25 mm, M		
2401-1030	1 peg, 28 mm, L		
2401-1040	1 peg, 32 mm, XL		



Each Step We Care



Contact Us

■ Taiwan

United Orthopedic Corporation
12F, No. 80, Sec. 1, Chenggong Rd, Yonghe Dist.,
New Taipei City 23452, Taiwan
Tel: +886 2 2929 4567 Fax: +886 2 2922 4567

■ China

United Medical Instrument Co. Ltd.
Room 402, Building 7, No.697, Ling Shi Road,
Shanghai, China, 200072
Tel: +86 21 3661 8055 Fax: +86 21 6628 3031

■ Japan

United Biomech Japan Inc.
Ginyo Bldg 4th floor, 2-9-40 Kitasaiwai, Nishi-Ku
Yokohama City, Kanagawa, 220-0004, Japan
Tel: +81 45 620 0741 Fax: +81 45 620 0742

■ Europe

UOC (Suisse) SA
Avenue Général Guisan 60A, 1009 Pully, Switzerland.
Tel: +41 (0) 21 634 70 70 Fax: +41 (0) 21 634 70 76
UOC (France)
21, Rue de la Ravinelle, 54000 Nancy, France.
Tel: +33 (0) 3 83 23 39 72 Fax: +33 (0) 3 83 23 39 10

■ EU Representative

mdi Europa GmbH
Langenhagener Strasse 71,
30855 Langenhagen, Germany
Tel: +49 511 3908 9530 Fax: +49 511 3908 9539

■ USA

UOC USA Inc.
20 Fairbanks, Suite 173, Irvine, CA 92618
Tel: +1 949-328-3366 Fax: +1 949-328-3367