



关节产品手册  
JOINT PRODUCTS MANUAL



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诚信、高效、创新、自强  
Integrity, efficiency, innovation and self-improvement

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## 非骨水泥柄（解剖型）

### Cementless Stem G3

- 三锥度楔形设计，增加应力的传导，提高干骺端的稳定性  
Three taper wedge design, increases stress conduction, improves the stability of epiphysis
- 优化的柄锥设计，增加球头稳定性，细化高抛光的颈部设计，增加假体活动范围  
Optimized stem cone design, increases ball head stability, the refined and highly polished neck design increases the range of motion of the prosthesis
- 近端沟槽垂直于应力传导方向，利于快速骨整合及获得良好的初始稳定性  
The proximal groove is perpendicular to the direction of stress conduction, it is conducive to rapid bone integration and obtain good initial stability
- 柄体表面等离子钛浆全涂层，多孔涂层有利于骨长入，获得最佳的长期固定效果  
The surface of the stem plasma titanium coating, Porous coating facilitates bone growth, obtains the best long-term fixation effect
- 髓腔锉前后缘对松质骨提供更好的压配，增加假体与骨质的接触面，提供最佳的柄体锁定机制，防止柄体下沉  
The anterior and posterior edges of the intramedullary file provide better compression of the cancellous bone, increases the interface between the prosthesis and bone, provides the best stem locking mechanism, keeps the stem from sinking
- 颈干角135°  
135° neck angle

\*同时提供喷钛产品

provide titanium spraying products

产品编号 Product NO.	规格 Size	长度 Length	直径 Diameter
A400201	1	120	6.9
A400202	2	126	7.2
A400203	3	132	7.5
A400204	4	137	8.3
A400205	5	140	9.5
A400206	6	144	10.2
A400207	7	148	11.0
A400208	8	152	11.9
A400209	9	156	12.7
A400210	10	161	13.4



## DAA入路专用产品

### Special products for DAA

DAA入路优势:

DAA advantage

- 真正肌间隙入路  
True intermuscular access
- 康复周期短  
Short recovery period
- 恢复日常运动时间短  
Short recovery time for daily exercise
- 减少病人疼痛  
Reduce patient pain
- 减少住院时间  
Reduce hospital stay
- 减少脱位风险  
Reduce risk of dislocation



- 股骨柄假体削肩处理，保留大转子区骨量，适用于DAA微创植入  
The femoral stem prosthesis was removed and treated, Maintain the bone mass in the greater trochanter, suitable for DAA minimally invasive implantation
- 柄体近端增厚，远端变窄，短缩的柄长设计，保证稳定性的同时方便植入  
The proximal end of the stem thickens, the distal narrow, shortening the length of stem, it is convenient to implant while ensuring stability



### 非骨水泥柄（微创柄）

Cementless Stem G2



- 适用于DAA术式，以及髋关节发育不良患者  
The stem support minimally invasive implant surgery, and is suitable for DDH patients
- 近端表面Ti+HA涂层，增加骨长入；中段喷Ti涂层，保证假体长期稳定  
Titanium stem, which is coated with Ti+HA at proximal, enhances intramedullary bone ingrowth. In addition, this stem coated with Ti in the middle provides excellent long-term stabilization
- 大量保留髓腔血供，促进骨质生长  
Preserves blood flow to stimulate bone growth
- 颈干角131°  
131° neck angle

产品编号 Product NO.	规格 Size	长度 Length	直径 Diameter
A050712	03	125	6.0
A050713	02	127	6.1
A050701	01	128	6.2
A050702	0	132	6.5
A050703	1	136	7.0
A050704	2	141	7.3
A050705	3	145	7.5
A050706	4	150	7.7
A050707	5	154	8.0
A050708	6	159	8.5
A050709	7	163	9.0
A050710	8	168	9.5



### 非骨水泥柄（矩形柄）

Cementless Stem G1

- 经典的矩形直柄，非骨水泥柄中的“黄金标准”  
Classic rectangular cementless stem
- 大粗隆部的增粗设计，使柄肩部与骨质间更好地贴合  
Thickening design at greater trochanter makes better contact between stem and bone
- 在髓腔中与骨质四点接触，最大限度地保留了骨内膜血供  
Four-point contacts in the medullary cavity ensure blood supply to maximum
- 柄体矩形截骨面，具有极佳的抗旋转和初始稳定性  
Rectangular cross section provides best stability resistant to rotation
- 远端固定型假体，可以满足不同股骨形态患者  
Distal fixation prosthesis satisfies different skeleton characteristics



矩形截面  
Rectangular cross-section

产品编号 Product NO.	规格 Size	长度 Length	直径 Diameter
A040201	01	128	6.3
A040202	0	132	6.5
A040203	1	136	7.0
A040204	2	141	7.3
A040205	3	145	7.5
A040206	4	150	7.8
A040207	5	154	8.0
A040208	6	159	8.5
A040209	7	163	9.0



### 非骨水泥柄 S-Plus

#### Cementless Stem S-Plus

- 近端表面钛浆处理增加骨长入，中段表面喷砂处理，确保中远期固定效果  
The stem coating with plasma titanium at proximal enhances intramedullary bone ingrowth. Coarse surface at the middle piece ensures mid and long-term fixation
- 三锥形设计，末端高抛光子弹头设计  
Triplanar taper design, and the highly polished distal bullet design
- 颈部高抛光设计，增加活动度  
Highly polished neck increases the range of motion
- 颈干角130°  
130° neck angle



产品编号 Product No.	规格 Size	长度 Length	直径 Diameter
A020801	1	142	6.5
A020802	2	148	7.5
A020803	3	153	8.0
A020804	4	159	9.0
A020805	5	164	9.5
A020806	6	170	10.5
A020807	7	175	11.5
A020808	8	181	12.0

### 非骨水泥柄 S1

#### Cementless Stem S1



产品编号 Product No.	规格 Size	长度 Length	直径 Diameter
A020200	0	136	6.0
A020301	1	142	6.5
A020302	2	148	7.5
A020303	3	153	8.0
A020304	4	159	9.0
A020305	5	164	9.5
A020306	6	170	10.5
A020307	7	175	11.5
A020308	8	181	12.0

- 近端Ti+HA/纯钛等离子喷涂提供可靠的生物固定  
Ti+HA coating or plasma sprayed Ti coating at proximal provides better biological fixation
- 远端抛光子弹头设计，有效减少假体对皮质骨的撞击，降低疼痛  
The highly polished distal bullet tip avoids pain caused by the contact of stem end and cortical bone
- 颈部高抛光设计，增加抗疲劳强度  
Highly polished neck design increases the fatigue strength
- 颈干角130°  
130° neck angle

### 非骨水泥柄 S2

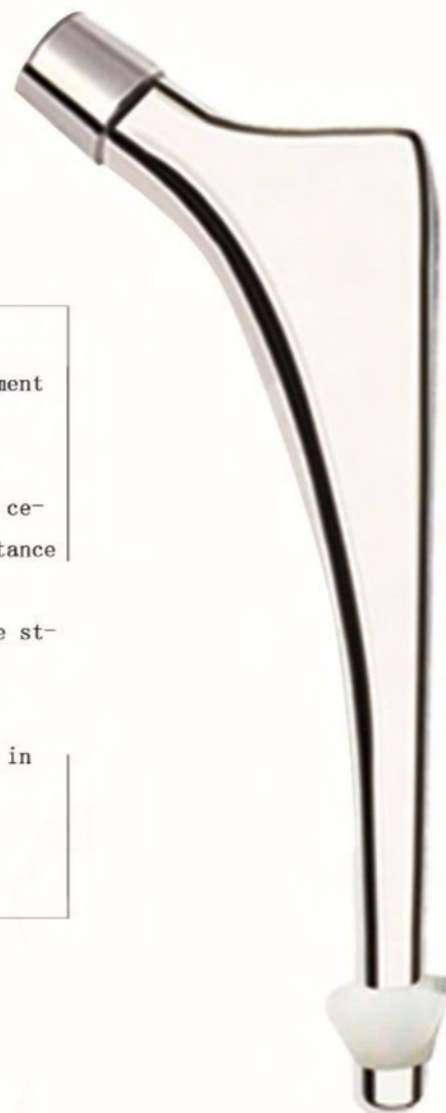
#### Cementless Stem S2



### JC关节柄

#### Cemented Stem C1

- 高抛光外表面具有优良的骨水泥亲和性  
The highly polished surfaces make the bone cement to adhere perfectly
- 遵循“自然下沉”理论，允许假体在骨水泥鞘中微沉  
Following the laws of natural subsidence, the cemented stem is allowed to subside a small distance
- 三维锥度设计，可以降低骨水泥应力  
The three-dimensional stem taper decreases the stress surrounding bone and cement
- 配备远端塞和中置器，确保假体在髓腔中的正确位置  
The distal-end and mid-set will keep the stem in position in the femoral canal
- 颈干角130°  
130° neck angle



### JC关节柄（有领）

#### Cemented Stem C2

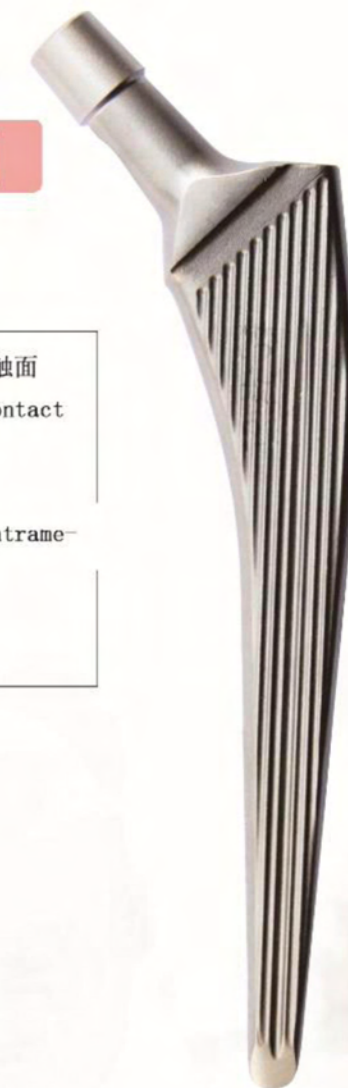
- 锥形设计，能够均匀分布应力  
Tapered design offers better stress distribution
- 有领设计，植入时提供近端封闭的环境，防止下沉  
When the stem is implanted, the collared design provides an enclosed environment at the proximal femoral position to resist subsidence
- 颈干角130°  
130° neck angle



### JC关节柄（微领）

#### Cemented Stem C3

- 假体表面的纵行沟槽设计增加柄与骨水泥的接触面  
The longitudinal grooves increase the contact surface between stem and cement
- 良好的防旋转性能，自动中置功能  
Resists rotation and offers excellent intramedullary placement and fixation
- 颈干角130°  
130° neck angle



产品编号 Product No.	规格 Size	长度 Length	直径 Diameter
A030701	1	130	6.8
A030702	2	135	7.0
A030703	3	140	8.0
A030704	4	145	9.0
A030705	5	150	10.0
A030706	6	155	11.0
A030707	7	160	11.0

产品编号 Product No.	规格 Size	长度 Length	直径 Diameter
A070101	1	120	7
A070102	2	125	8
A070103	3	130	9
A070104	4	135	10
A070105	5	140	11

产品编号 Product No.	规格 Size	长度 Length	直径 Diameter
A010101	1	156.0	6.0
A010102	2	159.0	7.5
A010103	3	161.5	8.5
A010104	4	164.0	10.0
A010105	5	168.0	11.5
A010106	6	168.5	12.5
A010107	7	173.0	14.0
A010108	8	174.0	15.0

## 髋关节翻修系统

### Hip Revision System

#### 金属臼 (多孔)

#### Cementless Cup (AR4)



- 多孔设计易于术中固定, 适用于复杂的髋臼侧缺损  
The porous design is easy to fix in operation and suitable for complex acetabulum side operation
- 表面真空等离子钛处理, 多孔涂层有利于骨长入, 有利于远期固定  
Plasma sprayed porous Ti coating enhances intramedullary bone ingrowth and long-term fixation
- 三半径设计保证植入后初始稳定性并减少切骨量  
Tri-radius design ensures primary stability, and reduces bone resection
- 优化的卡锁结构设计  
Optimized clamping-lock structure
- 提供多种臼衬选择, 以适应不同病患的需要  
Various specifications adapt to different patients needs

#### 髋臼支架

#### Acetabulum Stent

- 适用于髋臼部位的骨缺损: 翻修、创伤、肿瘤等  
Apply for acetabular bone defect caused by revision, trauma or tumor, etc.
- 多种型号选择, 特殊病例可定制加工  
Various sizes available, and specific processing for individuals

产品编号 Product No.	产品名称 Name	规格 Size
A240101		50L
A240102		50R
A240107		53L
A240108		53R
A240103	髋臼支架	56L
A240104		56R
A240109		59L
A240110		59R
A240105		62L
A240106		62R

产品编号 Product No.	规格 Size	球头直径 Diameter
A350106	50	28/32
A350107	52	28/32
A350108	54	28/32
A350109	56	28/32
A350110	58	28/32
A350111	60	28/32
A350112	62	28/32
A350113	64	28/32
A350114	66	28/32
A350115	68	28/32



#### 非骨水泥柄 (翻修)

#### Cementless Stem S1R



- 适用于髋关节翻修, 股骨中段或远端的应力性骨折等  
Can be used for middle or distal femoral stress fracture, or in hip revision cases
- 颈部扁平化设计, 更佳活动度、减少撞击, 近端外侧9个斜孔, 便于多角度重建大粗隆  
Flattening neck design increases the range of motion and reduce impaction. There are nine holes to help construct greater tuberosity on the proximallateral part of stem
- 柄体表面等离子钛浆涂层设计, 有利于快速骨整合及获得良好的初始稳定性  
Plasma titanium coating design is good for osteoblast and stability
- 单块式一体化翻修柄, 更高的机械性能和安全性  
Integrated revision stem improve mechanical ability and safety
- 假体中远端部位长纵肋设计, 增强假体的抗旋转稳定性  
The longitudinal rib design at the middle and distal of stem strengthen rotation resistance
- 独特的远端分叉设计增强假体的抗旋转稳定性, 同时分散柄尖部应力, 避免撞击外侧皮质骨, 引起术后大腿疼痛  
Particular distal bifurcation design can disperse stress to avoid impacting cortical bone at the tip of the stem
- 多种型号尺寸选择, 以满足临床需求  
Various sizes are available to satisfy different clinical needs

产品编号 Product No.	产品名称 Name	直径 Diameter	长度 Length
A410101	I型	9	170
A410102	I型	10	190
A410103	I型	11	210
A410104	I型	12	230
A410201	II型	9	190
A410202	II型	10	210
A410203	II型	11	230
A410204	II型	12	250



### 非骨水泥柄（翻修）

Cementless Stem G1R

产品编号 Product No.	规格 Size	长度 Length
A020211	11	173.0
A020212	12	178.5
A020213	13	185.0
A020214	14	190.0
A020215	15	196.0
A020216	16	202.5
A020217	17	209.0



- 适用于髌关节翻修，股骨中段或远端的应力性骨折等  
Can be used for middle or distal femoral stress fracture, or in knee revision cases
- 延承矩形柄的经典设计  
The rectangular design offers classic fixation from previous successful system

### JC关节柄（翻修）

Cemented Stem C1R

- 适用于翻修手术或股骨近端骨缺损  
Can be used for proximal femoral fracture or in revision cases
- 多种型号尺寸选择，以满足临床需求  
Various sizes are available to satisfy different clinical needs

产品编号 Product No.	直径 Diameter	长度 Length
A060301	9	170
A060302	10	190
A060303	11	210
A060304	12	230





### 金属臼 (钛浆)

#### Cementless Cup (AR3)



- 表面真空等离子钛浆处理, 多孔涂层有利于骨长入, 有利于远期固定  
Plasma sprayed porous Ti coating enhances intramedullary bone ingrowth and long-term fixation
- 三半径设计保证植入后初始稳定性并减少切骨量  
Tri-radius design ensures primary stability, and reduces bone resection
- 优化的卡锁结构设计  
Optimized clamping-lock structure
- 提供多种臼衬选择, 以适应不同病患的需要  
Various specifications adapt to different patients needs

产品编号 Product No.	规格 Size	球头直径 Diameter
A330203	44	28
A330204	46	28
A330205	48	28
A330206	50	28/32
A330207	52	28/32
A330208	54	28/32
A330209	56	28/32
A330210	58	28/32
A330211	60	28/32
A330212	62	28/32
A330213	64	28/32
A330214	66	28/32
A330215	68	28/32



### 金属臼 (抗旋转)

#### Cementless Cup (AR2)



- 金属臼周缘低切迹, 利于骨盆的骨回弹  
Low profile around the cup is better for bone rebound effect
- 小半径的球型设计, 使金属臼与骨床完美压配  
The spherical shape of short radius design matches bone bed tightly
- 卡锁机制, 增加臼杯与内衬的稳定性  
Clamping-lock structure increases the stability between acetabular cup and insert

产品编号 Product No.	规格 Size	球头直径 Diameter
A330103	44	28
A330104	46	28
A330105	48	28
A330106	50	28/32
A330107	52	28/32
A330108	54	28/32
A330109	56	28/32
A330110	58	28/32
A330111	60	28/32
A330112	62	28/32
A330113	64	28/32
A330114	66	28/32
A330115	68	28/32
A330116	70	28/32
A330117	72	28/32

### 金属臼 (Ti+HA)

#### Cementless Cup (AR1)



产品编号 Product No.	规格 Size	球头直径 Diameter
A300106	50	28/32
A300107	52	28/32
A300108	54	28/32
A300109	56	28/32
A300110	58	28/32
A300111	60	28/32
A300112	62	28/32
A300113	64	28/32
A300114	66	28/32
A300115	68	28/32

### 金属臼 (Ti+HA)

#### Cementless Cup (CL1)

- 表面Ti+HA双涂层处理, 形成粗糙面利于骨长入  
The rough surface coating with Ti+HA enhances intramedullary bone ingrowth
- 表面环形沟槽设计, 有利于金属臼与骨床的长入  
Circle grooves design enhances the growth between bone and prosthesis
- 三半径设计, 良好的初期稳定性  
Tri-radius design ensures primary stability
- 有多种臼衬可供选择, 扩大临床应用范围  
Various specifications expand clinical description



### 内衬 (高交联)

#### Insert(XLPE)

- 进口高交联聚乙烯材质  
Imported Highly Crosslinked Polyethylene
- 提供15° 防脱位臼衬  
Provides the 15° anti dislocation design
- 完美的卡锁式结构设计  
Optimized clamping lock structure



产品编号 Product No.	规格 Size	球头直径 Diameter
A340103	44	28
A340104	46-48	28
A340105	50-52	28
A340106	54-56	28
A340107	58-72	28
A340108	50-52	32
A340109	54-56	32
A340110	58-72	32

### 金属臼 (Ti)

#### Cementless Cup (CL2)



产品编号 Product No.	规格 Size	球头直径 Diameter
A110301	40	22
A110302	42	22
A110303	44	22
A110304	46	28
A110305	48	28
A110306	50	28
A110307	52	28
A110308	54	28
A110309	56	28
A110310	58	28
A110311	60	28

### 内衬 (聚乙烯)

#### Insert(UHMWPE)

- 进口高分子聚乙烯材质  
Imported UHMWPE material
- 提供15° 防脱位臼衬  
Provides the 15° anti-dislocation
- 完美锥度式设计  
Optimal taper design



产品编号 Product No.	规格 Size	球头直径 Diameter
A110301	40	22
A110302	42	22
A110303	44	22
A110304	46	28
A110305	48	28
A110306	50	28
A110307	52	28
A110308	54	28
A110309	56	28
A110310	58	28
A110311	60	28



**陶瓷球头**  
Ceramic Ball Head

- 第四代陶瓷材料BIOLOX®delta复合材料  
BIOLOX®delta-the fourth generation of ceramic composite
- 生物相容性极佳  
Unlimited biocompatibility
- 良好的圆整及润滑性能，超低磨损  
Excellent wear properties and lubricating property
- 与金约应股骨柄锥度完美匹配  
Matched with stem taper of JOINT perfectly



**金属球头**  
Metal Ball Head

- 钴铬钼合金制成  
Made of Co-Cr-Mo alloy
- 高抛光表面工艺  
Highly polished surface

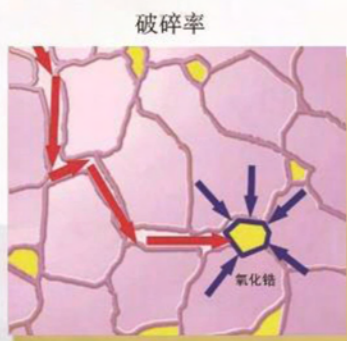
产品编号 Product No.	规格 Size	间距差 Length
A140101	22M	0
A140102	22L	3.5
A140103	28S	-3.5
A140104	28M	0
A140105	28L	3.5
A140106	28XL	7.0
A140107	32S	-4.0
A140108	32M	0
A140109	32L	4.0
A140110	32XL	8



**双极头**  
Bipolar Head

- 表面高抛光处理，摩擦系数极低  
Mirror polishing surface reduces friction coefficient to the minimum extent
- 双中心设计活动保证髋关节活动范围最大，降低磨损率  
Two-center design ensures the greatest range of motion and the lowest rate of wear for the hip joint
- 经典大环(卡锁)设计，良好的防脱位性能  
Classic clamping-lock structure avoids head dislocation

产品编号 Product No.	规格 Size	球头直径 Diameter
A160101	38	22
A160102	40	22
A160103	42	22
A160104	44	28
A160105	46	28
A160106	48	28
A160107	50	28
A160108	52	28
A160109	54	28



产品编号 Product No.	规格 Size	间距差 Length
AC130101	28S	-4
AC130102	28M	0
AC130103	28L	4
AC130104	32S	-4
AC130105	32M	0
AC130106	32L	4
AC130107	36S	-4
AC130108	36M	0
AC130109	36L	4

## 定制（组配）关节系统

Custom (Modular) Artificial Prostheses System

### 组配柄

#### Modular Design Stem

- 适用于股骨近端肿瘤，大面积损伤，大范围截骨等  
Apply for proximal femoral tumor, severe injury or extensive bone resection
- 组配式设计，由多个部件组配使用，根据术中情况可灵活选用假体型号  
Modular design with various specifications can be planted flexibly

产品编码 Product No.	产品名称 Name	规格 Size
A200101	柄体	75
A210101		30
A210102		40
A210103		50
A210104	连接块	60
A210105		70
A210106		80
A210109		90
A210107		100
A230102		11/130
A230103		12/130
A230104		13/130
A230105	骨水泥髓针	14/130
A230112		11/170
A230113		12/170
A230114		13/170
A230115		14/170
A220101		10/130
A220102		11/130
A220103	非骨水泥髓针	12/130
A220104		13/130
A220105		14/130



### 粗隆柄

#### Trochanter Fracture Stem System

- 适应于粗隆间骨折  
Can be used for intertrochanteric fracture
- 股骨粗隆仿生设计，保证最小的截骨量  
Bionic form design of femoral trochanter ensures maximized retention of anatomical bone mass
- 粗隆下限位槽设计，可控制前倾角  
The limiting groove design under trochanter can control the anteversion angle



产品编码 Product No.	产品型号 Size	长度 Length	远端直径 Diameter
A080101	20	165	10
A080102	30	175	10
A080103	40	180	10

### 肩关节

#### Artificial Shoulder System

- 适用于肩关节肿瘤，骨折及关节损伤等  
Apply for joint injury or bone defect due to tumor or fracture of shoulder
- 肱骨近端结节处膨大设计，利于恢复肩部外形  
Enlargement design of proximal humeral tuberosity can effectively restore shoulder appearing
- 假体预留肌腱缝合孔，最大限度恢复肌肉功能  
Reserve tendon suturing pores to restore muscular function to the maximum



产品编码 Product No.	产品名称 Name	规格 Size
D020100		36
D020101		38
D020102	肱骨球头	40
D020103		42
D020104		44
D040103		120
D040101	肱骨髓针	150
D040102		180



### 肘关节

#### Artificial Elbow System

- 适用于肘关节肿瘤，骨折及损伤等  
Apply for joint injury or bone defect due to tumor or fracture of elbow joint
- 肘关节解剖型设计，自带提携角更好地恢复生理功能  
Anatomical design of elbow prosthesis with angle patronner can better restore physiological functions



产品编码 Product No.	产品名称 Name	规格 Size
C060104		4
C060105	桡骨假体	5
C060106		6



### 股骨髁(高屈曲)

#### Femoral Condyle (HFS)

产品编号 Product NO.	规格 Size	左右径 ML	前后径 AP
B520101	2L	55	47
B520102	4L	58	50
B520103	6L	62	55
B520104	8L	66	59
B520105	10L	70	62
B520106	12L	73	66
B520113	14L	76	70
B520107	2R	55	47
B520108	4R	58	50
B520109	6R	62	55
B520110	8R	66	59
B520111	10R	70	62
B520112	12R	73	66
B520114	14R	76	70

### 胫骨托(高屈曲)

#### Tibial Plateau (HFS)

产品编号 Product NO.	规格 Size	左右径 ML	前后径 AP
B530101	2L	60	42
B530102	4L	64	45
B530103	6L	68	48
B530104	8L	71	50
B530105	10L	74	52
B530106	12L	77	54
B530107	2R	60	42
B530108	4R	64	45
B530109	6R	68	48
B530110	8R	71	50
B530111	10R	74	52
B530112	12R	77	54

### 胫骨垫(高屈曲)

#### Poly Insert (HFS)

产品编号 Product NO.	规格 Size	厚度 Thickness
B540101	2-4	9
B540102	2-4	11
B540103	2-4	13
B540104	2-4	15
B540201	6-8	9
B540202	6-8	11
B540203	6-8	13
B540204	6-8	15
B540301	10-12	9
B540302	10-12	11
B540303	10-12	13
B540304	10-12	15

## Active 高屈曲膝关节系统

### High Flexion TKA System



- Open Box 后移设计, 保留骨量, 保持了前方骨皮质的连续  
The backward open box ensures maximized retention of anatomical bone mass, and preserves cortical bone ahead
- 股骨后髁小半径J型设计, 优化凸轮设计, 便于高屈曲  
The "J" shape and shortradius design of the posterior femoral condyle, and optimized cam design are convenient for high flexion
- 胫骨托髓腔柄脊3° 的后倾  
The tibial stem has 3° retroversion angle
- 解剖型胫骨托设计, 增加对胫骨截骨面覆盖  
Anatomical design of tibial plateau enables good overlay on resection surface
- 改进胫骨垫片立柱, 增加高屈曲时股骨的后滚  
Optimized cam of tibial plateau aids stability in high flexion
- 胫骨垫片前方斜切, 深屈时减少与髌骨发生撞击  
The beveling design of tibial plateau at front decreases collision with patella during high flexion
- 股骨髁滑车槽长而深且偏外优化股骨轨迹  
The femoral trochlear groove is extended, deep and towards lateral, which can optimize femoral tracking
- 可与限制型膝关节假体通配  
It can be compatible with JCKK prostheses



### 髌骨

#### Patella

产品编号 Product NO.	规格 Size
B040101	8/26
B040103	8/29
B040105	8/32



金约应与其它产品髌间截骨对比图  
Compare intercondylar bone resection between JOINT and other companies





## 限制型膝关节系统

### JCKK System

- 适用于复杂初次膝关节置换以及膝关节翻修置换术  
Suitable for initial complex knee replacement arthroplasty and knee revision arthroplasty
- 适应侧方不稳及屈曲间隙不等  
It is suitable for Lateral instability of the knee and unequal flexion extension space of the knee
- J曲线，多半径设计符合人体解剖  
The J shape and shortradius design of the posterior condyle, and in line with human anatomy
- 与髓针配合使用，恢复膝关节稳定性  
Use with stem to restore the stability of the knee joint
- Post加宽加高设计，实现限制内外翻 $\pm 1.2^\circ$ 、内外旋 $\pm 2^\circ$   
Dseign with wider and higher design of POST, to limit internal and external turnover between  $\pm 1.2^\circ$ , internal and external totation between  $\pm 2^\circ$
- 对称胫骨托设计  
Symmetrical tibial Plateau design
- $0^\circ$  后倾角，更好恢复伸屈间隙  
 $0^\circ$  back angle, better recovery of flexion and extension space
- 不同规格型号垫块，满足临床需求  
Different specifications wedge and augment meet clinical needs



## 股骨髁(限制型)

### Femoral Condyle (JCKK)

产品编号 Product NO.	规格 Size	左右径 ML	前后径 AP
B550103	6L	62	55
B550104	8L	66	59
B550105	10L	70	62
B550106	12L	73	66
B550203	6R	62	55
B550204	8R	66	59
B550205	10R	70	62
B550206	12R	73	66

## 胫骨托(限制型)

### Tibial Plateau (JCKK)

产品编号 Product NO.	规格 Size	左右径 ML	前后径 AP
B560101	2	60	42
B560102	4	64	45
B560103	6	68	48
B560104	8	71	50
B560105	10	74	52



## 胫骨垫(限制型)

### Poly Insert (JCKK)

产品编号 Product NO.	规格 Size	厚度 Thickness
B570101	2-4	9
B570102	2-4	11
B570103	2-4	13
B570104	2-4	15
B570201	6-8	9
B570202	6-8	11
B570203	6-8	13
B570204	6-8	15
B570205	6-8	17
B570301	10-12	9
B570302	10-12	11
B570303	10-12	13
B570304	10-12	15
B570305	10-12	17



限制型膝关节系统

JCKK System

后髌垫块

Posterior augment

产品编号 Product NO.	厚度 Thickness
B590104	6-8/5
B590105	6-8/10
B590107	10-12/5
B590108	10-12/10



远端垫块

Distal augment

产品编号 Product NO.	厚度 Thickness
B590207	6/5
B590208	6/10
B590210	8/5
B590211	8/10
B590213	10/5
B590214	10/10
B590216	12/5
B590217	12/10



胫骨垫块

Wedge

1/3垫块  
1/3 Wedge

产品编号 Product NO.	规格 Size	厚度 Thickness
B590410	左外/右内 (1/3)	2-4/5
B590411	左外/右内 (1/3)	2-4/10
B590412	左外/右内 (1/3)	2-4/15
B590413	左外/右内 (1/3)	6-8/5
B590414	左外/右内 (1/3)	6-8/10
B590415	左外/右内 (1/3)	6-8/15
B590416	左外/右内 (1/3)	10-12/5
B590417	左外/右内 (1/3)	10-12/10
B590418	左外/右内 (1/3)	10-12/15
B590401	左内/右外 (1/3)	2-4/5
B590402	左内/右外 (1/3)	2-4/10
B590403	左内/右外 (1/3)	2-4/15
B590404	左内/右外 (1/3)	6-8/5
B590405	左内/右外 (1/3)	6-8/10
B590406	左内/右外 (1/3)	6-8/15
B590407	左内/右外 (1/3)	10-12/5
B590408	左内/右外 (1/3)	10-12/10
B590409	左内/右外 (1/3)	10-12/15

1/2垫块  
1/2 Wedge

产品编号 Product NO.	规格 Size	厚度 Thickness
B590310	左外/右内	2-4/5
B590311	左外/右内	2-4/10
B590312	左外/右内	2-4/15
B590313	左外/右内	6-8/5
B590314	左外/右内	6-8/10
B590315	左外/右内	6-8/15
B590316	左外/右内	10-12/5
B590317	左外/右内	10-12/10
B590318	左外/右内	10-12/15
B590301	左内/右外	2-4/5
B590302	左内/右外	2-4/10
B590303	左内/右外	2-4/15
B590304	左内/右外	6-8/5
B590305	左内/右外	6-8/10
B590306	左内/右外	6-8/15
B590307	左内/右外	10-12/5
B590308	左内/右外	10-12/10
B590309	左内/右外	10-12/15

髓针/偏心髓针

Stem/Offset Stem

产品编号 Product NO.	产品名称 Name	规格 Size
B580001	髓针	10*40
B580002	髓针	11*40
B580003	髓针	12*40
B580004	髓针	13*40
B580005	髓针	14*40
B580006	髓针	15*40
B580101	髓针	10*80
B580102	髓针	11*80
B580103	髓针	12*80
B580104	髓针	13*80
B580105	髓针	14*80
B580106	髓针	15*80
B580201	髓针	10*120
B580202	髓针	11*120
B580203	髓针	12*120
B580204	髓针	13*120
B580205	髓针	14*120
B580206	髓针	15*120
B580208	髓针	16*120
B580209	髓针	18*120
B580401	偏心髓针	10*120
B580402	偏心髓针	11*120
B580403	偏心髓针	12*120
B580404	偏心髓针	13*120
B580405	偏心髓针	14*120
B580406	偏心髓针	15*120
B580407	偏心髓针	16*120
B580409	偏心髓针	18*120



### 股骨髁 (标准)

#### Femoral Condyle (AT)

产品编号 Product NO.	规格 Size	左右径 ML	前后径 AP
B010201	2L	57.5	52.5
B010202	4L	62.5	58.0
B010203	6L	67.5	61.5
B010204	8L	72.5	67.0
B010401	2R	67.5	52.5
B010402	4R	62.5	58.0
B010403	6R	67.5	61.5
B010404	8R	72.5	67.0

### 胫骨托 (标准)

#### Tibial Plateau (AT)

产品编号 Product NO.	规格 Size	左右径 ML	前后径 AP
B020101	2	63.5	41.5
B020102	4	68.0	44.5
B020103	6	73.5	48.0
B020104	8	78.5	51.5

### 胫骨垫 (标准)

#### Poly Insert (AT)

产品编号 Product NO.	规格 Size	厚度 Thickness
B030101	2/9	9
B030102	2/11	11
B030103	2/13	13
B030104	2/15	15
B030105	4/9	9
B030106	4/11	11
B030107	4/13	13
B030108	4/15	15
B030109	6/9	9
B030110	6/11	11
B030111	6/13	13
B030112	6/15	15
B030113	8/9	9
B030114	8/11	11
B030115	8/13	13
B030116	8/15	15

## Active 全膝关节系统

### Active TKA System



- 股骨髁假体前髁5° 上仰角, 避免notch; 髁间窝前置, 减少截骨量  
Anterior femoral condyle with 5° elevation angle avoids notch; Front-loading intercondylar fossa reduces bone resection
- 股骨髁髁骨滑槽外移且加深, 髁骨不易脱位  
The implant contains extended and deeper groove on the femoral condyle to prevent dislocation of patella
- 胫骨垫采用卡式及螺钉双重锁定  
Tibial insert adopts double-locked: clamping-lock and screws
- 胫骨托接触面为高抛光设计  
Highly polished tibial plateau
- 胫骨托翼状柄保证骨水泥固化过程中的稳定性  
Tri-fin design of tibial plateau ensures stability during the solidified process of bone cement

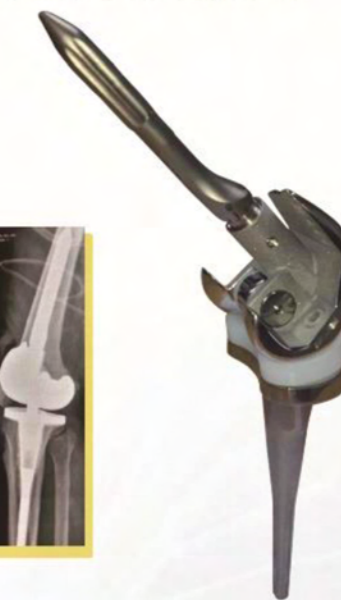
- 适用于膝关节严重畸形, 功能严重受损等  
Apply for deformity or function damaged knee
- 加深的髁骨槽设计, 降低伸膝装置内应力  
The deeper groove on the femoral condyle decreases internal stress of apparatus of extention knee
- 胫骨垫采用中央轴心稳定设计  
The tibial insert stabled by the axial center at the central position
- 胫骨托自带后倾, 带柄设计加强假体稳定性  
The tibial insert has retroversion property, and the stem enhances stability
- 360° 偏心定位, 4mm偏心距设计保证假体对截骨面有良好覆盖  
360° eccentric positioning, 4mm eccentric design to ensure that the prosthesis has good coverage of the osteotomy surface

产品编号 Product No.	产品名称 Name	规格 Size
B610103	股骨髁	6L
B610104		8L
B610105		10L
B610203		6R
B610204		8R
B610205	10R	
B320102	胫骨托	4
B320103		6
B320104		8
B350104	胫骨垫	4/10.0
B350105		4/12.5
B350106		4/15.0

- 适用于膝关节肿瘤, 粉碎性骨折等  
Apply for tumor and comminuted fracture cases
- 胫骨垫采用中央轴心稳定设计  
The tibial insert stabled by the axial center at the central position
- 假体组件通过锥度牢固锁定  
The modular prostheses system stays locked by taper design
- 可提供定制假体满足临床需求, 恢复人体膝关节功能  
Custom artificial prosthesis can satisfy different clinical needs

## 定制膝关节系统

### Custom TKA System



产品编号 Product No.	产品名称 Name	规格 Size
B350107	胫骨垫	6/10.0
B350108		6/12.5
B350109		6/15.0
B350110		8/10.0
B350111		8/12.5
B350112		8/15.0

产品编号 Product No.	产品名称 Name	规格 Size
B310101	股骨髁 (一体)	2L
B310102		4L
B310103		6L
B310111		2R
B310112		4R
B310113	6R	
B510102	胫骨托 (一体)	4





## 金属带线锚钉系统

### Titanium Suture Anchor System

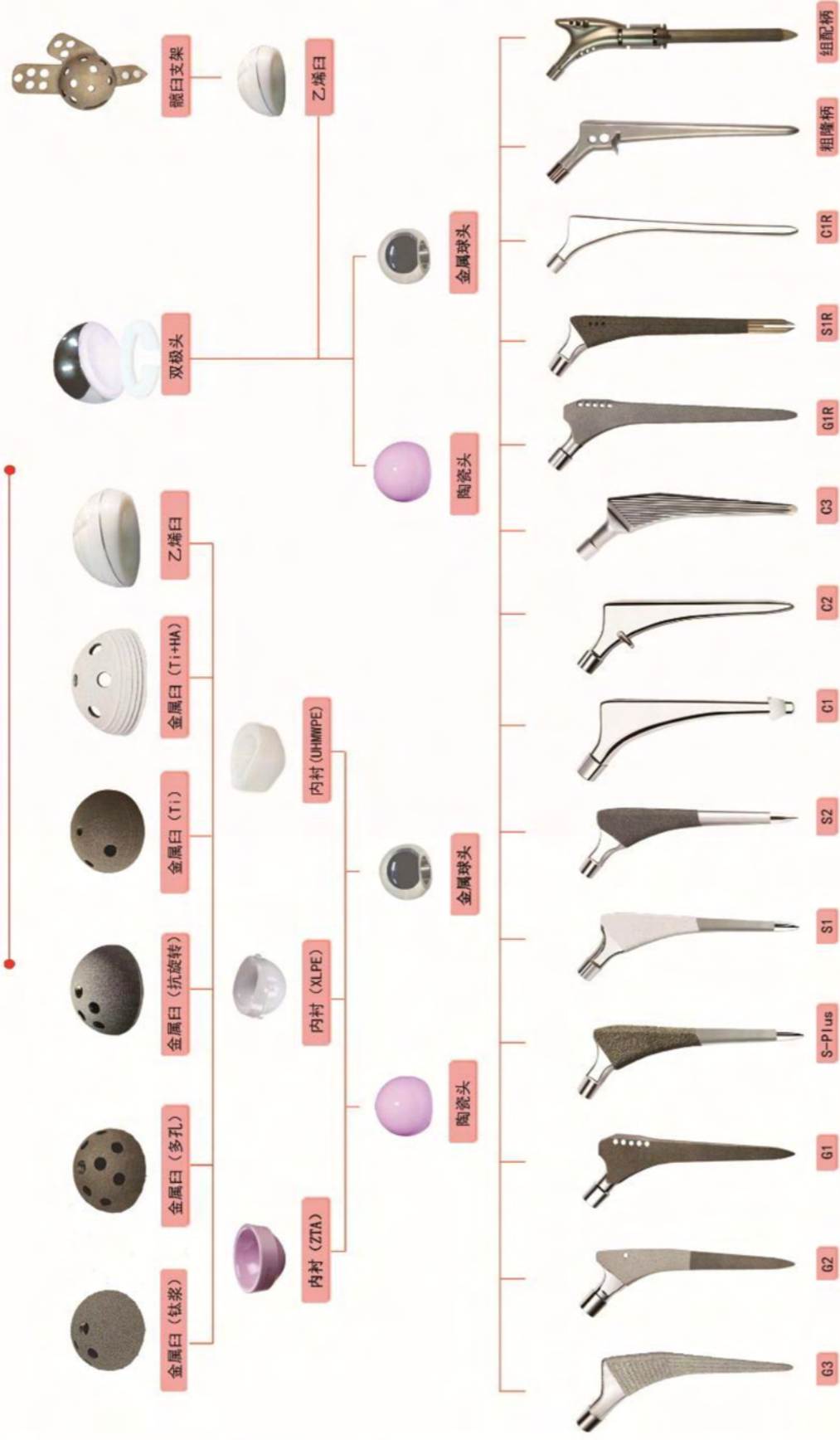


- 双色缝线 (UHMWPE), 超强可靠, 视野清晰  
Two-color (UHMWPE) stitching ultra-reliable, clear field of view
- 超耐磨, 高强度, 易滑动的缝线  
Wear resistant, high strength, easy sliding design
- 优异的缝线孔设计  
Sliding and special suture design
- 全螺纹锚钉, 更强抗拔出力  
Full-threaded rivet cross stronger resistance to pull-out
- 锚钉自攻自钻, 无需钻攻, 植入方便  
Rivet self-tapping and no drilling, implanted convenient
- 操作灵活, 型号齐全, 可翻修  
Flexible operation, varied specifications can be used for revision operation
- 适应于肩关节、肘关节、手腕关节、膝关节、足踝、脊柱等各部位肌腱韧带等软组织损伤修复重建  
Suitable for repair and reconstruction of soft tissue damage such as tendon ligaments in shoulder, elbow, wrist, knee, ankle, spine, etc

产品编号 Product No.	产品名称 Name	规格 Size	长度 Length
S44010001	带线锚钉	1.3	2-15
S44020001	带线锚钉	1.5	2-15
S44030001	带线锚钉	1.8	2-15
S44040001	带线锚钉	2.0	4-20
S44050001	带线锚钉	2.5	4-20
S44060001	带线锚钉	2.7	4-20
S44070001	带线锚钉	2.9	4-20
S44080001	带线锚钉	3.5	6-30
S44090001	带线锚钉	4.0	6-30
S44100001	带线锚钉	4.5	6-30
S44110001	带线锚钉	5.0	6-30
S44120001	带线锚钉	5.5	6-30
S44130001	带线锚钉	6.0	10-30
S44140001	带线锚钉	6.5	10-30
S44150001	带线锚钉	7.0	10-30
S44160001	带线锚钉	7.5	10-30
S44170001	带线锚钉	8.0	10-30
S44180001	带线锚钉	8.5	10-30
S44190001	带线锚钉	9.0	10-30
S44200001	带线锚钉	9.5	10-30
S44210001	带线锚钉	10	10-30

### 人工髋关节产品配比图

Combination Chart of Artificial Hip Joint System



### 人工膝关节产品配比图

Combination Chart of Artificial Knee System

### 特殊定制关节产品

Custom Artificial Prostheses

