

Galaxy Knee System

"Total Knee Solution from Pitkar"



- ➔ **Primary Knee**
- ➔ **Accommodating Flexion up to 115 deg**
- ➔ **Providing increased Patella clearance**
- ➔ **Enhancing Stability**
- ➔ **Design facilitates attachment of extension stem in primary Tibial Component**

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ISO 13485 and Indian FDA approved company
CE & CDSCO Approved.

System Overview



- Design of the Knee is posterior stabilized (PS) & Flex Fixed.
- It has two options of Tibial Component in Ti & CoCr.
- Femoral Component has left and right.
- Articular surface & Patella are made out of Cross Linked Medical Grade UHMWPE conforming to ISO 5834-1:2019
- Femoral Component options has 5 sizes in left and right each.
- Tibial Component option has 6 sizes.
- Articular surface has 20 sizes matching to the component.



Fitment of Articular Surface Chart wrt Femoral and Tibial Component

		Femoral Component Size					
		A	B	C	D	E	F
Tibial Component Size	1-2	AB/1-2 SOLID PURPLE		CD/1-2 STRIPED PURPLE			
	3-4			CD/3-4 SOLID YELLOW		EF/3-4 STRIPED YELLOW	
	5-6					EF/5-6 SOLID GREEN	

State of the Art Instruments



Well designed Instruments for ease of surgery in hands of surgeon

Femoral Component

Available in CoCr



- ➔ Non Radii and High Grade 3D Surfacing for friction less and smooth surface.
- ➔ The anatomic designed to mimic natural knee motion enhancing stability and mobility in day to day activity requiring stability at deep flexion angles.
- ➔ Thin and Bone Conserving Design helps to save the natural bone.



- Higher Contact area for Cement Mantle
- Rough Grit blasted Surface for better fixation
- Design provides smooth contact to post for progressive femoral roll back and stability in flexion and also minimise stress on post

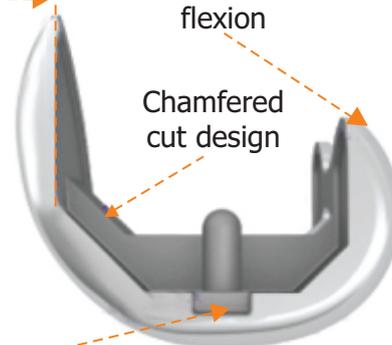


4 deg Anterior Flange

The unique 4 deg anterior flange design of the Galaxy Knee System is designed to provide the flexibility to downsize the femoral component while avoiding the incidence of notching the anterior cortex of the femur. This feature provide patients with a more customized fit.

Reduced & Continuous curvature to increase flexion

Chamfered cut design



Side Notch aligned with Lugs for insertion and extraction.

CoCr Aries PS Femoral Component

Part No.		
Left	Right	Size
K101058495	K102058495	B
K103060535	K104060535	C
K105064575	K106064575	D
K107068615	K108068615	E
K109072655	K110072655	F

Tibial Component

Available in Ti & CoCr

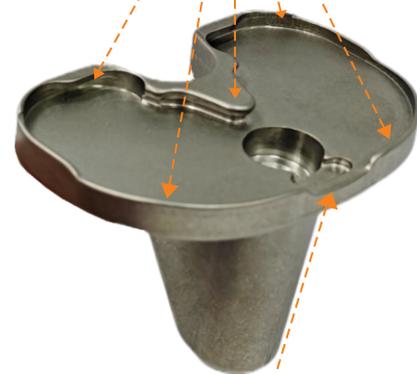


Common Anti-rotation fins
for easy instrumentation

Rough Grit blasted Surface
for better fixation



Micro-motion free point locking mechanism
with dove tail



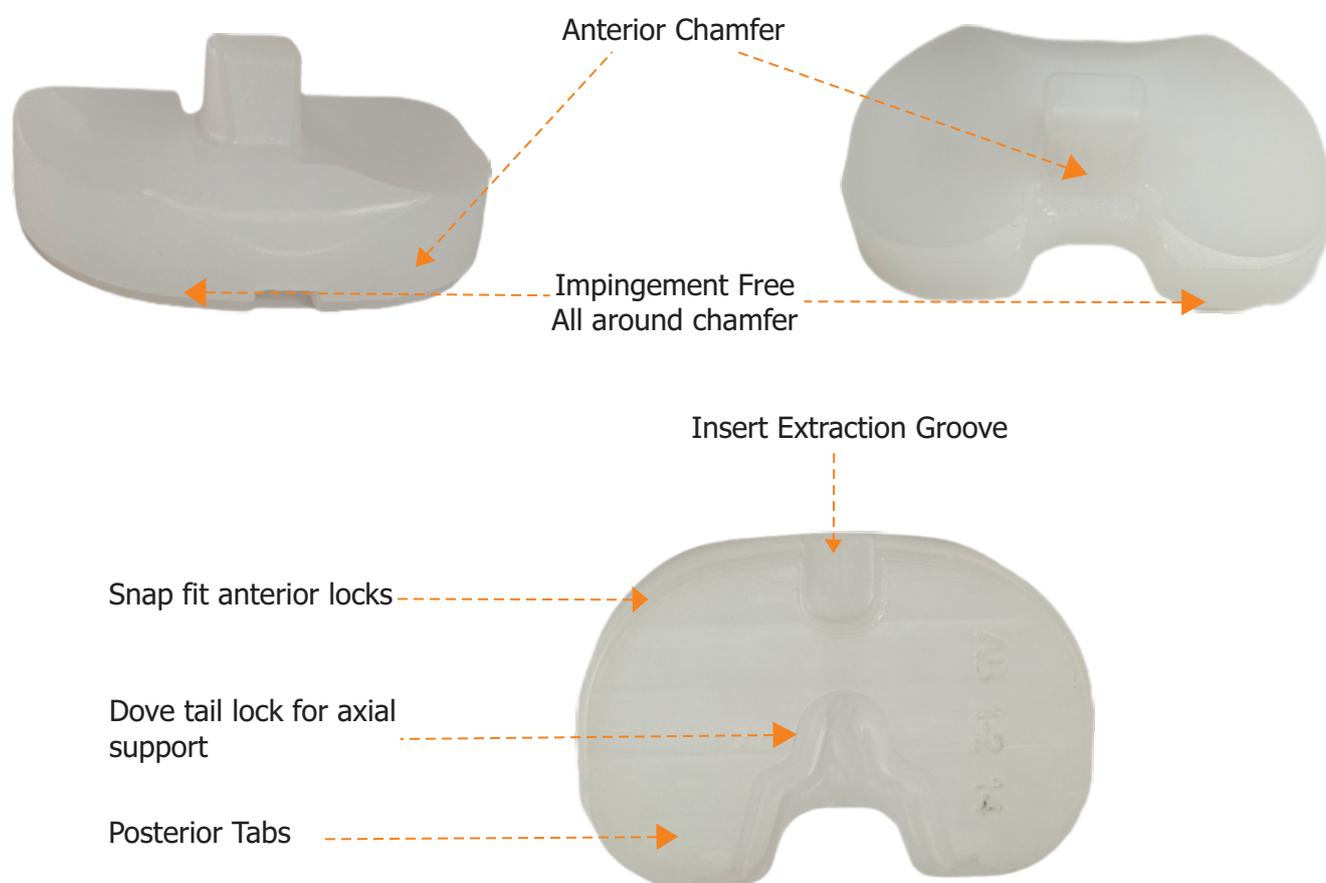
Insert Extraction Groove

Ti Gemini Tibial Component	
Part No.	Size
K119001010	1
K119001020	2
K119001030	3
K119001040	4
K119001050	5
K119001060	6

CoCr Gemini Tibial Component	
Part No.	Size
K121001010	1
K121001020	2
K121001030	3
K121001040	4
K121001050	5
K121001060	6

Articular Surface

Available in Cross Linked Medical Grade UHMWPE Conforming to ISO 5834-1:2019



UHMWPE Libra Articular Surface		
Part No.		Size
K113001210	AB 1-2	10
K113001212	AB 1-2	12
K113001214	AB 1-2	14
K113001217	AB 1-2	17
K114001210	CD 1-2	10
K114001212	CD 1-2	12
K114001214	CD 1-2	14
K114001217	CD 1-2	17
K115003410	CD 3-4	10
K115003412	CD 3-4	12
K115003414	CD 3-4	14
K115003417	CD 3-4	17
K116003410	EF 3-4	10
K116003412	EF 3-4	12
K116003414	EF 3-4	14
K116003417	EF 3-4	17
K117005610	EF 5-6	10
K117005612	EF 5-6	12
K117005614	EF 5-6	14
K117005617	EF 5-6	17

Patella

Available in Cross Linked Medical Grade UHMWPE Conforming to ISO 5834-1:2019



HCP Leo Patella Standard Cemented		
Part No.	Size	Thickness
K120000029	29	8
K120000032	32	8.5
K120000035	35	9

Extension Stem

Available in Ti in option of Straight & Offset



Extended Stem Straight		
Part No.		
Short	Long	Size
145	200	
K122010145	--	10
K122011145	--	11
K122012145	K122012200	12
K122013145	K122013200	13
K122014145	K122014200	14

Extended Stem Offset		
Part No.		
Short	Long	Size
145	200	
K123011145	--	11
K123012145	K123012200	12
K123013145	K123013200	13
K123014145	K123014200	14

Galaxy Knee System Instrument List

Trial for Aries Femoral Component			Size 2	K534000002	Tibial Recutter, 2mm	K583000000
Part No.			Size 3	K534000003	2° Varus/Valgus Tibial	
Left	Right	Size	Size 4	K534000004	Recutter	K584000000
K501058495	K502058495	B	Size 5	K534000005	Distal Femoral Cutting	
K503060535	K504060535	C	Size 6	K534000006	Guide	K585000000
K505064575	K506064575	D	Hex Head Screwdriver 3.5mm	K535001000	Distal Placement Guide	
K507068615	K508068615	E	Female Hex Screwdriver		0°	K587001000
K509072655	K510072655	F	3.5mm	K536001000	3°	K586001000
Trial for Libra Articular Component			Femoral Impactor	K537001000	Patellar Clamp	K588001000
Part No.			T-Handle	K538001000	Universal Patellar	
K513001210	AB 1-2	Size	Alignment Rod	K539000000	Saw Guide	K589001000
K513001212	AB 1-2	10	Alignment Rod with Coupler	K540001000	Finishing guide holding pin	K590000000
K513001214	AB 1-2	12	Stemmed Tibial Provisional		Locking Screw for	
K113001217	AB 1-2	14	Impactor	K541001000	Articular Surface Trial	K591000000
K514001210	CD 1-2	17	Cemented Stem Drill	K542000000	Headless Pin, 75mm	K592000000
K514001212	CD 1-2	10	IM Step Drill, 8mm Dia.	K543000000	Small Head Holding Pins	K594000000
K514001214	CD 1-2	12	Patellar/Femoral Drill 6.4mm		Short Holding Pin	K595000000
K514001217	CD 1-2	14	Diameter	K544000000	Spacer/Alignment Guide	
K515003410	CD 3-4	17	Resection Guide	K545000000	3mm	K596000003
K515003412	CD 3-4	10	Tibial Retractor	K546000000	5mm	K596000005
K515003414	CD 3-4	12	Universal Femoral File	K547000000	10mm	K596000010
K515003417	CD 3-4	14	Patellar Drill Guide, Sizes		12mm	K596000012
K516003410	EF 3-4	17	26, 29mm	K548000000	14mm	K596000014
K516003412	EF 3-4	10	32, 35mm	K549000000	17mm	K596000017
K516003414	EF 3-4	12	QS Notch Guide Size B	K550000000	Articular Surface Insertion	
K516003417	EF 3- 4	14	Size C	K551000000	Instrument	K597001000
K517005610	EF 5-6	17	Size D	K552000000	Femoral Extractor	K598001000
K517005612	EF 5-6	10	Size E	K553000000	Mini IM Guide Spacer	
K517005614	EF 5-6	12	Size F	K554000000	Standard	K599001000
K517005617	EF 5-6	14	Cemented Stem Drill Guide	K555000000	Extended Stem	
Trial for Gemini Tibial component			T-Handle	K556001000	Straight Short 10 X 145	K601010145
Part No.			Patella Tendon Retractor	K557000000	11 X 145	K601011145
K519000001		Size	Articular Surface Removal		12 X 145	K601012145
K519000020		1	Instrument	K558001000	13 X 145	K601013145
K519000030		2	Pin Puller	K559001000	14 X 145	K601014145
K519000040		3	Holding Pin Pliers	K560001000	Extended Stem	
K519000050		4	Mini A/P Sizer	K561001000	Offset Short 11 X 145	K602011145
K519000006		5	Modular Plate Varus Left 0,3	K562000000	12 X 145	K602012145
Trial for Leo Patella Standard			Varus Right 0,3	K563000000	13 X 145	K602013145
Part No.			Varus Left 5,7	K564000000	14 X 145	K602014145
K520000029	Size	Thickness	Varus Right 5,7	K565000000	Drill Bit	K603020032
K520000032	29	8	MIS Locking Boom	K566001000	Alignment Bar	K604000000
K520000035	32	8.5	Broach Impactor	K567001000	Spring Pin	K605001000
Townley Femoral			Tibial Broach, Size 1, 2	K568000000	Spring Pin Adapter	K606001000
Caliper			Size 3,4	K569000000	Torque Wrench Handle	K607001000
Hex-head Holding Pin			Size 5,6	K570000000	Reamer 8MM	K608000000
Ankle Clamp			Slap Hammer Extractor	K571001000	9MM	K609000000
Distal Telescoping Rod			Hex Driver Bit, 4.5mm	K573000000	10MM	K610000000
Spike Arm Telescoping Rod			Mini Adjustable IM Guide		11MM	K611000000
Tibial Depth Resection Stylus			Long	K574001000	12MM	K612000000
7° Left Cut Guide			Short	K575001000	13MM	K613000000
7° Right Cut Guide			MIS Femoral Finishing Guide		14MM	K614000000
0° Left Cut Guide			Std. Size B	K576000000	15MM	K615000000
0° Right Cut Guide			Std. Size C	K577000000	16MM	K616000000
Spike Arm			Std. Size D	K578000000	17MM	K617000000
Extra-medullary Alignment			Std. Size E	K579000000	Straight Bush	K618000000
Arch			Std. Size F	K580000000	Offset Bush	K619000000
Tibial Impactor			Universal Handle	K581000000	Allen key 5mm	C539000000
Stemmed Tibial Sizing Plate			Locking Tibial Tray Provisional		Container	HA05901000
Size 1			Handle	K582001000		



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