

ORTHO —
SOL *Development (Pty) Ltd*

SATURN HIP



- TRIPOD-FINNED CUP
- USER FRIENDLY INSTRUMENTS
- DUAL COATED CUP-BONE INTERFACE
- EVENLY SPACED AS-CAST BEAD CONFIGURATION
- UNIQUE ORTHOLITH® COATED ARTICULATION SURFACES

Unique Marketing through _____
innovation, design and
_____manufacture.

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AVAILABLE SIZES:

Acetabular Cup		Femoral Head Cemented		Modular Head		Dysplasia Cup	
110046	46mm	120038	38mm	130038	38mm	110546	46mm
110048	48mm	120042	42mm	130042	42mm	110550	50mm
110050	50mm	120046	46mm	130046	46mm	110554	54mm
110052	52mm	120050	50mm	130050	50mm	110558	58mm
110054	54mm	120054	54mm	130054	54mm	110562	62mm
110056	56mm	120058	58mm	130058	58mm	110566	66mm
110058	58mm	Femoral Head Cementless		120042	42mm	Neck Insert	
110060	60mm	120138	38mm	120046	46mm	130104	minus4mm
110062	62mm	120142	42mm	120050	50mm	130108	neutral
110064	64mm	120146	46mm	120054	54mm	130112	plus4 mm
110066	66mm	120150	50mm	120058	58mm		
		120154	54mm				
		120158	58mm				

SATURN FEATURES

- IMPLANTS MANUFACTURED FROM HIGH CARBON ‘AS CAST’ COBALT CHROME ALLOY WITH CLINICAL HISTORY AS A HIP BEARING OF OVER 40 YEARS.
- ARTICULATING SURFACES ARE COATED WITH ORTHOLITH®, A DIAMOND LIKE CARBON, FOR HARDNESS AND LUBRICITY.
- SPECIFICATIONS OF SURFACE ROUNDNESS AND DIAMETER MISMATCH ARE ALIGNED WITH THE LATEST MANUFACTURING TECHNOLOGY.
- CUPS ARE HEMISPHERICAL - ENSURING CORRECT SEATING ON IMPACTION, COATED WITH A TITANIUM PLASMA SPRAY AND A HYDROXYAPATITE LAYER FOR CEMENTLESS IMPLANTATION, THEREBY ELIMINATING CHROMIUM CONTACT WITH BONE (WHICH WOULD INHIBIT FURTHER ON-GROWTH) WHEN THE HA IS INEVITABLY EVENTUALLY RESORBED.
- SATURN BEADS ARE UNIFORMLY SPACED USING A UNIQUE CASTING TECHNOLOGY ENSURING OPTIMAL BONE INTERLOCK AND REPRODUCIBILITY FROM ONE IMPLANT TO THE NEXT. (UNLIKE EARLIER VERSIONS WHERE THE BEADED BONE INTEGRATING SURFACE HAD BEADS THAT WERE RANDOMLY SPACED)
- SATURN IS MANUFACTURED IN A COMPREHENSIVE RANGE OF SIZES AND OPTIONS INCLUDING BOTH CEMENTED AND CEMENTLESS FEMORAL COMPONENTS, A DYSPLASIA CUP OPTION (IN CASE OF A DEFICIENT ACETABULUM) AND A RANGE OF MODULAR HEADS (SHOULD RESURFACING NOT BE INDICATED AND FOR THE RARE OCCASION THAT A REVISION OF A RESURFACING BECOMES NECESSARY).
- SATURN INSTRUMENTATION IS DESIGNED TO SIMPLIFY USE AS WE CONTINUALLY STRIVE TO DEVELOP NEW AND BETTER SOLUTIONS WITH SURGEONS AS REQUIRED.
- OUR MARKETING TEAM IS ONE OF THE THE MOST EXPERIENCED IN THE WORLD, HAVING BEEN THE FIRST TO INTRODUCE AND LAUNCH FIRSTLY THE ORIGINAL CORIN MC MINN, FOLLOWED BY THE MMT (SMITH NEPHEW), BHR AND THE REINTRODUCED CORIN CORMET AS WELL AS THE IO ICON. “OUR CLINICAL MARKETING TEAM HAS ATTENDED, SCRUBBED AND ASSISTED IN EXCESS OF WELL OVER 3500 RESURFACING PROCEDURES OVER THE PAST NINE YEARS” THE HANDS-ON INPUT FROM THIS TEAM ALONE IN THE DEVELOPMENT OF THE SATURN HAS BEEN INVALUABLE.