

Novae® Dual Mobility

In 1974, SERF SAS founder André Rambert and Professor Gilles Bousquet, an orthopaedic surgeon, pioneered the innovative concept of Dual Mobility, designed to enhance joint mobility and reduce dislocation risks¹ following total hip replacement. In 2024, Stryker acquired SERF SAS to complement its existing Hip and Dual Mobility portfolio.

With a legacy of 45+ years, Novae Dual Mobility range is recognized by healthcare professionals as the original and established^{1,2,3,4,5,6} Dual Mobility system.

Novae Dual Mobility product offering

Novae SunFit TH



Cementless cylindro-hemispherical cup with peripheral press fit

Novae Stick & KE reinforcement plate



Cemented dual mobility for acetabular revisions and poor bone quality

Novae E TH



Cementless cup plus additional fixation with:

- 1 flange
- 2 pegs

Novae Coptos TH



Cementless cage-like construct with:

- 2 flanges
- obturator hook
- 2 pegs

Novae Dual Mobility offers comprehensive and easy to use monobloc dual mobility options for a wide range of patients, with one system. Novae Dual Mobility cups require only 1 instrument tray and 1 reamer tray, making it straightforward and potentially saving OR space and sterilization costs.

Ordering information

Novae Sunfit TH

Catalog number	Description
RM45320002*	NOVAE SUNFIT TH 43MM*
RM45320003	NOVAE SUNFIT TH 45MM
RM45320004	NOVAE SUNFIT TH 47MM
RM45320005	NOVAE SUNFIT TH 49MM
RM45320006	NOVAE SUNFIT TH 51MM
RM45320007	NOVAE SUNFIT TH 53MM
RM45320008	NOVAE SUNFIT TH 55MM
RM45320009	NOVAE SUNFIT TH 57MM
RM45320010	NOVAE SUNFIT TH 59MM
RM45320011	NOVAE SUNFIT TH 61MM
RM45320012	NOVAE SUNFIT TH 63MM*
RM45320013	NOVAE SUNFIT TH 65MM*
RM45320014	NOVAE SUNFIT TH 67MM*
RM45320015	NOVAE SUNFIT TH 69MM*



Novae E TH

Catalog number	Description
RM45050001	NOVAE E TH 41MM*
RM45050002	NOVAE E TH 43MM*
RM45050003	NOVAE E TH 45MM
RM45050004	NOVAE E TH 47MM
RM45050005	NOVAE E TH 49MM
RM45050006	NOVAE E TH 51MM
RM45050007	NOVAE E TH 53MM
RM45050008	NOVAE E TH 55MM
RM45050009	NOVAE E TH 57MM
RM45050010	NOVAE E TH 59MM
RM45050011	NOVAE E TH 61MM
RM45050012	NOVAE E TH 63MM*
RM45050013	NOVAE E TH 65MM*
RM45050014	NOVAE E TH 67MM*
RM45050015	NOVAE E TH 69MM*



Novae Stick

Catalog number	Description
RM49010000	NOVAE STICK 43MM*
RM49010001	NOVAE STICK 45MM
RM49010002	NOVAE STICK 47MM
RM49010003	NOVAE STICK 49MM
RM49010004	NOVAE STICK 51MM
RM49010005	NOVAE STICK 53MM
RM49010006	NOVAE STICK 55MM
RM49010007	NOVAE STICK 57MM
RM49010008	NOVAE STICK 59MM
RM49010009	NOVAE STICK 61MM
RM49010010	NOVAE STICK 63MM*

Novae KE

Catalog number	Description
RM48010050	K E 50/43 D
RM48010052	K E 52/45 D
RM48010054	K E 54/47 D
RM48010056	K E 56/49 D
RM48010058	K E 58/51 D
RM48010060	K E 60/53 D
RM48010150	K E 50/43 G
RM48010152	K E 52/45 G
RM48010154	K E 54/47 G
RM48010156	K E 56/49 G
RM48010158	K E 58/51 G
RM48010160	K E 60/53 G

Novae COPTOS TH

Catalog number	Description
RM45360001	NOVAE COPTOS TH 43MM*
RM45360002	NOVAE COPTOS TH 45MM
RM45360003	NOVAE COPTOS TH 47MM
RM45360004	NOVAE COPTOS TH 49MM
RM45360005	NOVAE COPTOS TH 51MM
RM45360006	NOVAE COPTOS TH 53MM
RM45360007	NOVAE COPTOS TH 55MM
RM45360008	NOVAE COPTOS TH 57MM
RM45360009	NOVAE COPTOS TH 59MM
RM45360010	NOVAE COPTOS TH 61MM
RM45360011	NOVAE COPTOS TH 63MM*
RM45360012	NOVAE COPTOS TH 65MM*
RM45360013	NOVAE COPTOS TH 67MM*
RM45360014	NOVAE COPTOS TH 69MM*

Ordering information

Novae Dual Mobility Diam 28mm Inserts Full range

Catalog number	Description	Insert OD	Femoral head size
RM51100032	CI 47/28 E MOBILE PE LINER	41	28
RM51100033	CI 49/28 E MOBILE PE LINER	43	28
RM51100034	CI 51/28 E MOBILE PE LINER	45	28
RM51100035	CI 53/28 E MOBILE PE LINER	47	28
RM51100036	CI 55/28 E MOBILE PE LINER	49	28
RM51100037	CI 57/28 E MOBILE PE LINER	51	28
RM51100038	CI 59/28 E MOBILE PE LINER	53	28
RM51100040	CI 61/28 E MOBILE PE LINER	55	28
RM51100041	CI 63/28 E MOBILE PE LINER*	57	28
RM51100042	CI 65/28 E MOBILE PE LINER*	59	28
RM51100043	CI 67/28 E MOBILE PE LINER*	61	28
RM51100044	CI 69/28 E MOBILE PE LINER*	63	28

Novae Dual Mobility Diam 22.2mm Inserts Full range

Catalog number	Description	Insert OD	Femoral head size
RM51100001	CI 41/22.2 E MOBILE PE LINER*	35	22.2
RM51100002	CI 43/22.2 E MOBILE PE LINER*	37	22.2
RM51100003	CI 45/22.2 E MOBILE PE LINER	39	22.2
RM51100004	CI 47/22.2 E MOBILE PE LINER	41	22.2
RM51100005	CI 49/22.2 E MOBILE PE LINER	43	22.2
RM51100006	CI 51/22.2 E MOBILE PE LINER	45	22.2
RM51100007	CI 53/22.2 E MOBILE PE LINER	47	22.2
RM51100008	CI 55/22.2 E MOBILE PE LINER	49	22.2
RM51100009	CI 57/22.2 E MOBILE PE LINER	51	22.2
RM51100010	CI 59/22.2 E MOBILE PE LINER	53	22.2
RM51100012	CI 61/22.2 E MOBILE PE LINER	55	22.2
RM51100013	CI 63/22.2 E MOBILE PE LINER*	57	22.2
RM51100014	CI 65/22.2 E MOBILE PE LINER*	59	22.2
RM51100015	CI 67/22.2 E MOBILE PE LINER*	61	22.2
RM51100016	CI 69/22.2 E MOBILE PE LINER*	63	22.2

5.0mm VCI Cortical Screws

Catalog number	Size
RM70100520	20mm
RM70100525	25mm
RM70100530	30mm
RM70100355	35mm
RM70100540	40mm
RM70100545	45mm
RM70100550	50mm
RM70100555	55mm
RM70100560	60mm
RM70100565	65mm
RM70100570	70mm

Ordering information

Novae cup instruments tray #1

Catalog number	Description
RA90370243	Acetabular reamer 43mm
RA90370245	Acetabular reamer 45mm
RA90370247	Acetabular reamer 47mm
RA90370249	Acetabular reamer 49mm
RA90370251	Acetabular reamer 51mm
RA90370253	Acetabular reamer 53mm
RA90370255	Acetabular reamer 55mm
RA90370257	Acetabular reamer 57mm
RA90370259	Acetabular reamer 59mm
RA90370261	Acetabular reamer 61mm
RA90270002	Reamer adapter
RA90670085	Reamer handle
RA90430300	Clicker liner head impactor

Novae cup instruments tray #2

Catalog number	Description
RA90250223	Cup Impactor
RA90250222	Liner Impactor
RA90430155	Impaction shaft
RA90310182	Trial cup extractor
RA90194522	Retentive trial liner 45mm x 22.2mm
RA90194728	Retentive trial liner 47mm x 28mm
RA90194928	Retentive trial liner 49mm x 28mm
RA90195128	Retentive trial liner 51mm x 28mm
RA90195328	Retentive trial liner 53mm x 28mm
RA90195528	Retentive trial liner 55mm x 28mm
RA90195728	Retentive trial liner 57mm x 28mm
RA90195928	Retentive trial liner 59mm x 28mm
RA90196128	Retentive trial liner 61mm x 28mm
RA90390945	Trial cup 45mm
RA90390947	Trial cup 47mm
RA90390949	Trial cup 49mm
RA90390951	Trial cup 51mm
RA90390953	Trial cup 53mm
RA90390955	Trial cup 55mm
RA90390957	Trial cup 57mm
RA90390959	Trial cup 59mm
RA90390961	Trial cup 61mm
RA90192228	Retentive trial liner adaptor 22.2/28mm
RA90460129	Minimally invasive gripper shaft
RAMA030090	Guide rod
RA90590145	Cup holder adaptor 45mm
RA90590147	Cup holder adaptor 47mm
RA90590149	Cup holder adaptor 49mm
RA90590151	Cup holder adaptor 51mm
RA90590153	Cup holder adaptor 53mm
RA90590155	Cup holder adaptor 55mm
RA90590157	Cup holder adaptor 57mm
RA90590159	Cup holder adaptor 59mm
RA90590161	Cup holder adaptor 61mm
RA90310022	Dual mobility liner remover
RA90510007	Pegs forceps
RA90310181	(PCJ) Disposable cup gripper extractor

Novae optional instruments

Catalog number	Description
RA90460171	Straight gripper shaft
RA90310182	Trial cup extractor
RA90460128	Minimally invasive gripper shaft
RA90670001	Minimally invasive reamer

Novae pegs and screws instruments

Catalog number	Description
RA90310180	Peg Extractor / 6mm Hew Wrench / Flange Modeller
RA90430004	Straight Peg Impactor
RA90430020	Curved Peg Impactor
RA90450030	Depth Gauge
RA90710040	3.5mm Manual Hexagonal Screwdriver
RA90410037	Drill Guide for 3.2mm Dia.
RA90710035	3.5 Motorised Hexagonal Sxrew Driver
RA90350001	3.2mm Dia Screw Drill
RA90470022	5mm Dia. Flexible Drill Bit
RA99990062	Novae Pegs & Screw Instruments Tray
RA99990106	Novae Pegs & Screw Instruments Lid

Ordering information

Novae cup outsize instruments tray

Catalog number	Description
RA90390941	Trial cup 41mm
RA90390943	Trial cup 43mm
RA90390963	Trial cup 63mm
RA90390965	Trial cup 65mm
RA90390967	Trial cup 67mm
RA90390969	Trial cup 69mm
RA90194122	Retentive trial liner 41mm x 22.2mm
RA90194322	Retentive trial liner 43mm x 22.2mm
RA90196328	Retentive trial liner 63mm x 28mm
RA90196528	Retentive trial liner 65mm x 28mm
RA90196728	Retentive trial liner 67mm x 28mm
RA90196928	Retentive trial liner 69mm x 28mm
RA90590141	Cup holder adaptor 41
RA90590143	Cup holder adaptor 43
RA90590163	Cup holder adaptor 63
RA90590165	Cup holder adaptor 65
RA90590167	Cup holder adaptor 67
RA90590169	Cup holder adaptor 69
RA90370241	Reamer 41
RA90370263	Reamer 63
RA90370265	Reamer 65
RA90370267	Reamer 67
RA90370269	Reamer 69
RA90192228	Retentive trial liner adaptor 22.2/28

Novae KE instruments

Catalog number	Description
RA90280050	Neutral trial cross plate 50/43
RA90280052	Neutral trial cross plate 52/45
RA90280054	Neutral trial cross plate 54/47
RA90280056	Neutral trial cross plate 56/49
RA90280058	Neutral trial cross plate 58/51
RA90280060	Neutral trial cross plate 60/53
RA90460002	Cross plate handle (implant and trial)
RA90350001	3.2mm drill (lg 150) with snap-lock mechanism
RA90410037	GM 3.2-5 E DRILL GUIDE
RA90270002	Lock mechanism
RA90450030	Depth gauge
RA90710040	3.5mm manual hex screwdriver
RA90710035	3.5mm motorised hex screwdriver
RA90190701	Extra trial shell for Novae stick 43/22.2
RA90390943	Extra trial Liner for Novae stick 43/22.3
RA90590143	Expander cup holder

References:

1. Batailler C, Lustig S, Balot E, Farizon F, Fessy MH, Philippot R. 10 to 15-Year Outcomes of Monoblock Uncemented Dual Mobility Cups: Excellent Survival Rate and Outcome in Primary Total Hip Arthroplasty - JBJS Open Access 2025 Feb 21;10(1)
2. AAOS AJRR Annual Report 2024
3. NJR 2023 Annual Report 2024
4. AOANJRR Annual Report 2024
5. Neri T, Philippot R, Farizon F, Boyer B. Results of primary total hip replacement with first generation Bousquet dual mobility socket with more than twenty five years follow up. About a series of two hundred and twelve hips. Int Orthop. 2017 Mar;41(3):557-561. doi: 10.1007/s00264-016-3373-2. Epub 2016 Dec 26. PMID: 28025659.
6. Sayac G, Neri T, Schneider L, Philippot R, Farizon F, Boyer B. Low Revision Rates at More Than 10 Years for Dual-Mobility Cups Cemented Into Cages in Complex Revision Total Hip Arthroplasty. J Arthroplasty. 2020 Feb;35(2):513-519. doi: 10.1016/j.arth.2019.08.058. Epub 2019 Sep 5. PMID: 31543421.

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