

CERTIFICAT
privind lipsa sau existența restanțelor față de bugetul public național

Nr.
№ **A2203633**

din
от **04.03.2022**

1. Destinația / Назначение

Pentru participarea la proceduri de achiziții publice

2. Date despre contribuabil / Информация о налогоплательщике

Denumirea Наименование	Codul fiscal / Numărul de identificare Фискальный код / Идентификационный номер
BIOSISTEM MLD S.R.L.	1010600028048
Adresa sediului de bază (strada, numărul) Адрес основного месторасположения (улица, номер)	Codul - Denumirea localității Код - Наименование населенного пункта
Albisoara nr.16 bl.1 of.7	0150-SEC.RISCANI

3. Atestarea lipsei sau existenței restanțelor conform datelor Sistemului Informațional Automatizat /

Подтверждение отсутствия или наличия недоимки согласно данных Информационной автоматизированной системы

La data emiterii prezentului certificat restanța față de bugetul public național constituie/ На дату выдачи данной справки недоимка перед национальным публичным бюджетом составляет:
0,00 lei/лей.

4. Valabil până la / Действителен до 19.03.2022

5. Autentificarea Serviciului Fiscal de Stat / Подтверждение Государственной налоговой службы

Șef DDF Rîșcani a DGDF		Petru GRICIUC
Funcția/Dолжность	Semnătura/Подпись	Numele și prenumele/Фамилия и имя
L.Ș/ М.П.		
Executor: Claudia GOJAN		
Numele și prenumele/Фамилия и имя		
Tel.(022)823102		



Este extras din Sistemul Informațional al SFS SIA „Contul curent al contribuabilului”// 04.03.2022 ora 9:10:55
cu aplicarea prevederilor pct. 82-83 Ordin IFPS nr.400 din 14.03.2014 (Monitorul Oficial 72-77/399, 28.03.2014)

NOTA (0,00)



BC "MOLDINDCONBANK" S.A.

Filiala "Invest"

Republica Moldova, MD-2068
mun. Chișinău, bd. Moscovei, 14/1
Tel. : (373-22) 43-44-81, 43-46-24
Fax : (373-22) 43-44-22
cod: MOLDMD2X329

Data 14. IAN. 2016
Nr. 03/2 - 19/23

Республика Молдова, MD-2068
мун. Кишинэу, бул. Московской, 14/1
Тел. : (373-22) 43-44-81, 43-46-24
Факс : (373-22) 43-44-22
код: MOLDMD2X329

Filiala „Invest” BC „Moldindconbank” SA confirmă existența contului curent în moneda națională al **“BIOSISTEM MLD” S.R.L. (c/f 1010600028048)**, cu **IBAN MD95ML000000002251429243.**

Codul băncii MOLDMD2X329.

Director

Nina Turcan

Director financiar



Nina Balmuş

Ex. Diana Brinza
Tel. 43-45-96

REPUBLICA



MOLDOVA

CERTIFICAT DE ÎNREGISTRARE

Societatea cu Răspundere Limitată "BIOSISTEM MLD"
— ESTE ÎNREGISTRATĂ LA CAMERA ÎNREGISTRĂRII DE STAT —

Numărul de identificare de stat - codul fiscal
1010600028048

Data înregistrării

12.08.2010

Data eliberării

12.08.2010

Svirepova Ludmila, registrator

*Funcția, numele, prenumele persoanei
care a eliberat certificatul*

L. Svirepova
semnătura

MD 0101250





I.P. "AGENȚIA SERVICII PUBLICE"

Departamentul înregistrare și licențiere a unităților de drept

EXTRAS

din Registrul de stat al persoanelor juridice

nr. 8506 din 28.04.2021

Denumirea completă: **Societatea cu Răspundere Limitată «BIOSISTEM MLD».**

Denumirea prescurtată: **«BIOSISTEM MLD» S.R.L.**

Forma juridică de organizare: **Societate cu Răspundere Limitată.**

Numărul de identificare de stat și codul fiscal: **1010600028048.**

Data înregistrării de stat: **12.08.2010.**

Sediul: **MD-2001, str. Albișoara, 16/1, ap.(of.) 7, mun. Chișinău, Republica Moldova.**

Obiectul principal de activitate:

- 1 Activitatea farmaceutică;**
- 2 Importul, fabricarea, comercializarea, asistența tehnică și (sau) reparația dispozitivelor medicale și (sau) a opticii;**
- 3 Acordarea asistenței medicale de către instituțiile medico-sanitare private;**
- 4 Comerțul cu ridicata al calculatoarelor, echipamentelor periferice și software-ului;**
- 5 Întreținerea și repararea mașinilor de birou și a tehnicii de calcul;**
- 6 Consultații în domeniul sistemelor de calcul.**

Capitalul social: **5400 lei.**

Administrator: POIATA VITALIE,

Asociați:

- 1. POIATA VITALIE 33,40 %**
- 2. NASEDCHIN ALEXANDR 33,30 %**
- 3. KOJEVNIKOV DMITRII 33,30 %.**

Prezentul extras este eliberat în temeiul art. 34 al Legii nr. 220-XVI din 19 octombrie 2007 privind înregistrarea de stat a persoanelor juridice și a întreprinzătorilor individuali și confirmă datele din Registrul de stat la data de: 28.04.2021.

Specialist coordonator
tel. 022-207-840



Lazari Aliona



EB 0358735

Lista fondatorilor Biosistem-mld SRL

Nr.	Nume, Prenume	IDNP
1.	Vitalie Poiata	0983103892591
2.	Alexandr Nasedchin	2002001070747
3.	Dmitrii Kojevnikov	0972305012362

Дата предоставления 11.05.2021 10:00:47

Anexe la SNC
 "Prezentarea situatiilor financiare"
 Aprobat de Ministerul Finantelor
 al Republicii Moldova

SITUAȚIILE FINANCIARE

pentru perioada 01.01.2020 - 31.12.2020

Entitatea: BIOSISTEM MLD S.R.L.
 Cod CUIIO: 40717392
 Cod IDNO: 1010600028048

Sediuul:
 MD:
 Raionul(municipiul): 106, DOF, RISCANI
 Cod CUATM: 0150, SEC, RISCANI
 Strada: SECTORUL RISCANI STR.Albisoara nr.16 bl.1 of.7

Activitatea principală: 08646, Comerț cu ridicata al produselor farmaceutice
 Forma de proprietate: 16, Proprietate colectivă
 Forma organizatorico-juridică: 530, Societăți cu răspundere limitată

Date de contact:
 Telefon: +3732808719
 WEB:
 E-mail: zml13@gmail.ru
 Numele și coordonatele al contabilului-șef: DI (dna) Tel.

Numărul mediu al salariaților în perioada de gestiune: 3 persoane.

Persoanele responsabile de semnarea situațiilor financiare* Nasedchin Alexandr

Unitatea de măsură: leu

BILANȚUL

la

Anexa 1

Nr. cpt.	Indicatori	Cod rd.	Sold la	
			Începutul perioadei de gestiune	Sfârșitul perioadei de gestiune
1	2	3	4	5
	A C T I V			
	ACTIVE IMOBILIZATE			
	I. Imobilizări necorporale			
	1. Imobilizări necorporale în curs de execuție	010		
	2. Imobilizări necorporale în exploatare, total	020	487	
	din care:			
	2.1. concesiuni, licențe și mărci	021	487	
	2.2. drepturi de autor și titluri de protecție	022		
	2.3. programe informatice	023		
	2.4. alte imobilizări necorporale	024		
	3. Fond comercial	030		
	4. Avansuri acordate pentru imobilizări necorporale	040		
	Total imobilizări necorporale (rd.010 + rd.020 + rd.030 + rd.040)	050	487	
	II. Imobilizări corporale			
	1. Imobilizări corporale în curs de execuție	060		
	2. Terenuri	070		
	3. Mijloace fixe, total	080	2208593	2793637
	din care:			
	3.1. clădiri	081		
	3.2. construcții speciale	082		
	3.3. mașini, utilaje și instalații tehnice	083	2204135	2791637
	3.4. mijloace de transport	084		

A.	3.5. inventar și mobilier	085		
	3.6. alte mijloace fixe	086	4458	2000
	4. Resurse minerale	090		
	5. Active biologice imobilizate	100		
	6. Investiții imobiliare	110		
	7. Avansuri acordate pentru imobilizări corporale	120		
	Total imobilizări corporale (rd.060 + rd.070 + rd.080 + rd.090 + rd.100 + rd.110 + rd.120)	130	2208593	2793637
	III. Investiții financiare pe termen lung			
	1. Investiții financiare pe termen lung în părți neafiliate	140		
	2. Investiții financiare pe termen lung în părți afiliate, total	150		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	151		
	2.2. Împrumuturi acordate părților afiliate	152		
	2.3 Împrumuturi acordate aferente intereselor de participare	153		
	2.4 alte investiții financiare	154		
	Total investiții financiare pe termen lung (rd.140 + rd.150)	160		
	IV. Creanțe pe termen lung și alte active imobilizate			
	1. Creanțe comerciale pe termen lung	170		
	2. Creanțe ale părților afiliate pe termen lung	180		
	Inclusiv: creanțe aferente intereselor de participare	181		
	3. Alte creanțe pe termen lung	190		
	4. Cheltuieli anticipate pe termen lung	200		
	5. Alte active imobilizate	210		
	Total creanțe pe termen lung și alte active imobilizate (rd.170 + rd.180 + rd.190 + rd.200 + rd.210)	220		
	TOTAL ACTIVE IMOBILIZATE (rd.050 + rd.130 + rd.160 + rd.220)	230	2209080	2793637
B.	ACTIVE CIRCULANTE			
	I. Stocuri			
	1. Materiale și obiecte de mică valoare și scurtă durată	240	54051	51978
	2. Active biologice circulante	250		
	3. Producția în curs de execuție	260		
	4. Produse și mărfuri	270	5710647	7221203
	5. Avansuri acordate pentru stocuri	280		
	Total stocuri (rd.240 + rd.250 + rd.260 + rd.270 + rd.280)	290	5764698	7273181
	II. Creanțe curente și alte active circulante			
	1. Creanțe comerciale curente	300	4337729	3912218
	2. Creanțe ale părților afiliate curente	310		
	Inclusiv: creanțe aferente intereselor de participare	311		
	3. Creanțe ale bugetului	320	166486	74631
	4. Creanțele ale personalului	330		
	5. Alte creanțe curente	340		
	6. Cheltuieli anticipate curente	350	4	2
	7. Alte active circulante	360	1647908	5756117
	Total creanțe curente și alte active circulante (rd.300 + rd.310 + rd.320 + rd.330 + rd.340 + rd.350 + rd.360)	370	6152127	9742968
	III. Investiții financiare curente			
	1. Investiții financiare curente în părți neafiliate	380		
	2. Investiții financiare curente în părți afiliate, total	390		
	din care:			
	2.1. acțiuni și cote de participație deținute în părțile afiliate	391		
	2.2. Împrumuturi acordate părților afiliate	392		
	2.3. Împrumuturi acordate aferente intereselor de participare	393		

	2.4. alte investiții financiare în părți afiliate	394		
	Total investiții financiare curente (rd.380 + rd.390)	400		
	IV. Numerar și documente bănești	410	8911899	3942779
	TOTAL ACTIVE CIRCULANTE (rd.290 + rd.370 + rd.400 + rd.410)	420	20828724	20958928
	TOTAL ACTIVE (rd.230 + rd.420)	430	23037804	23752565
	P A S I V			
	CAPITAL PROPRIU			
	I. Capital social și neînregistrat			
	1. Capital social	440	5400	5400
C.	2. Capital nevărsat	450	()	()
	3. Capital neînregistrat	460		
	4. Capital retras	470	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	480		
	Total capital social și neînregistrat (rd.440 + rd.450 + rd.460 + rd.470 + rd.480)	490	5400	5400
	II. Prime de capital	500		
	III. Rezerve			
	1. Capital de rezervă	510		
	2. Rezerve statutare	520		
	3. Alte rezerve	530		
	Total rezerve (rd.510 + rd.520 + rd.530)	540		
	IV. Profit (pierdere)			
	1. Corecții ale rezultatelor anilor precedenți	550	X	
	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	560	21021465	12085295
	3. Profit net (pierdere netă) al perioadei de gestiune	570	X	7974831
	4. Profit utilizat al perioadei de gestiune	580	X	()
	Total profit (pierdere) (rd.550 + rd.560 + rd.570 + rd.580)	590	21021465	20060126
	V. Rezerve din reevaluare	600		
	VI. Alte elemente de capital propriu	610		
	TOTAL CAPITAL PROPRIU (rd.490 + rd.500 + rd.540 + rd.590 + rd.600 + rd.610)	620	21026865	20065526
D.	DATORII PE TERMEN LUNG			
	1. Credite bancare pe termen lung	630		
	2. Împrumuturi pe termen lung	640		
	din care:			
	2.1. Împrumuturi din emisiunea de obligațiuni	641		
	Inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	642		
	2.2. alte împrumuturi pe termen lung	643		
	3. Datorii comerciale pe termen lung	650		
	4. Datorii față de părțile afiliate pe termen lung	660		
	Inclusiv: datorii aferente intereselor de participare	661		
	5. Avansuri primite pe termen lung	670		
	6. Venituri anticipate pe termen lung	680		
	7. Alte datorii pe termen lung	690		
	TOTAL DATORII PE TERMEN LUNG (rd.630 + rd.640 + rd.650 + rd.660 + rd.670 + rd.680 + rd.690)	700		
	DATORII CURENTE			
	1. Credite bancare pe termen scurt	710		
	2. Împrumuturi pe termen scurt, total	720		

E.	din care:	721		
	2.1. Împrumuturi din emisiunea de obligațiuni	722		
	Inclusiv: împrumuturi din emisiunea de obligațiuni convertibile	723		
	2.2. alte împrumuturi pe termen scurt	723		
	3. Datorii comerciale curente	730	1331928	3252667
	4. Datorii față de părțile afiliate curente	740		
	Inclusiv: datorii aferente intereselor de participare	741		
	5. Avansuri primite curente	750	159545	188105
	6. Datorii față de personal	760	2913	50
	7. Datorii privind asigurările sociale și medicale	770		
F.	8. Datorii față de buget	780	434590	187676
	9. Datorii față de proprietari	790		
	10. Venituri anticipate curente	800		
	11. Alte datorii curente	810	81963	58541
	TOTAL DATORII CURENTE (rd.710 + rd.720 + rd.730 + rd.740 + rd.750 + rd.760 + rd.770 + rd.780 + rd.790 + rd.800 + rd.810)	820	2010939	3687039
	PROVIZIOANE			
	1. Provizioane pentru beneficiile angajaților	830		
	2. Provizioane pentru garanții acordate cumpărătorilor/clientșilor	840		
	3. Provizioane pentru impozite	850		
	4. Alte provizioane	860		
	TOTAL PROVIZIOANE (rd.830 + rd.840 + rd.850 + rd.860)	870		
	TOTAL PASIVE (rd.620 + rd.700 + rd.820 + rd.870)	880	23037804	23752565

SITUAȚIA DE PROFIT ȘI PIERDERE

de la până la

Anexa 2

Indicatori	Cod rd.	Perioada de gestiune	
		precedenta	curenta
1	2	3	4
Venituri din vânzări, total	010	27319617	25963175
din care:			
venituri din vânzarea produselor și mărfurilor	011	26856566	25044358
venituri din prestarea serviciilor și executarea lucrărilor	012	463051	918817
venituri din contracte de construcție	013		
venituri din contracte de leasing	014		
venituri din contracte de microfinanțare	015		
alte venituri din vânzări	016		
Costul vânzărilor, total	020	15672962	15186814
din care:			
valoarea contabilă a produselor și mărfurilor vândute	021	15672962	15186814
costul serviciilor prestate și lucrărilor executate terților	022		
costuri aferente contractelor de construcție	023		
costuri aferente contractelor de leasing	024		
costuri aferente contractelor de microfinanțare	025		
alte costuri aferente vânzărilor	026		
Profit brut (pierdere brută) (rd.010 - rd.020)	030	11646655	10776361
Alte venituri din activitatea operațională	040	28586	247603
Cheltuieli de distribuie	050	16306	19740
Cheltuieli administrative	060	964136	1259776
Alte cheltuieli din activitatea operațională	070	417394	640169
Rezultatul din activitatea operațională: profit (pierdere) (rd.030 + rd.040 - rd.050 - rd.060 - rd.070)	080	10277405	9104279

Venituri financiare, total	090	490609	519239
din care:			
venituri din interese de participare	091		
inclusiv: veniturile obținute de la părțile afiliate	092		
venituri din dobânzi	093		25612
inclusiv: veniturile obținute de la părțile afiliate	094		
venituri din alte investiții financiare pe termen lung	095		
inclusiv: veniturile obținute de la părțile afiliate	096		
venituri aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	097		
venituri din ieșirea investițiilor financiare	098		
venituri aferente diferențelor de curs valutar și de sumă	099	490609	493627
Cheltuieli financiare, total	100	686605	597528
din care:			
cheltuieli privind dobânzile	101		
inclusiv: cheltuielile aferente părților afiliate	102		
cheltuieli aferente ajustărilor de valoare privind investițiile financiare pe termen lung și curente	103		
cheltuieli aferente ieșirii investițiilor financiare	104		
cheltuieli aferente diferențelor de curs valutar și de sumă	105	686605	597528
Rezultatul: profit (pierdere) financiar(ă) (rd.090 - rd.100)	110	-195996	-78289
Venituri cu active imobilizate și excepționale	120		
Cheltuieli cu active imobilizate și excepționale	130		
Rezultatul din operațiuni cu active imobilizate și excepționale: profit (pierdere) (rd.120 - rd.130)	140		
Rezultatul din alte activități: profit (pierdere) (rd.110 + rd.140)	150	-195996	-78289
Profit (pierdere) până la impozitare (rd.080 + rd.150)	160	10081409	9025990
Cheltuieli privind impozitul pe venit	170	1178993	1051159
Profit net (pierdere netă) al perioadei de gestiune (rd.160 - rd.170)	180	8902416	7974831

SITUAȚIA MODIFICĂRILOR CAPITALULUI PROPRIU

de la până la

Anexa 3

Nr. d/o	Indicatori	Cod rd	Sold la începutul perioadei de gestiune	Majorări	Diminuări	Sold la sfârșitul perioadei de gestiune
1	2	3	4	5	6	7
I.	Capital social și neînregistrat					
	1. Capital social	010				
	2. Capital nevărsat	020	()	()	()	()
	3. Capital neînregistrat	030				
	4. Capital retras	040	()	()	()	()
	5. Patrimoniul primit de la stat cu drept de proprietate	050				
	Total capital social și neînregistrat (rd.010 + rd.020 + rd.030 + rd.040 + rd.050)	060				
II.	Prime de capital	070				
III.	Rezerve					
	1. Capital de rezervă	080				
	2. Rezerve statutare	090				
	3. Alte rezerve	100				
	Total rezerve (rd.080 + rd.090 + rd.100)	110				
	Profit (pierdere)					
	1. Corecții ale rezultatelor anilor precedenți	120	X			

IV.	2. Profit nerepartizat (pierdere neacoperită) al anilor precedenți	130				
	3. Profit net (pierdere netă) al perioadei de gestiune	140	X			
	4. Profit utilizat al perioadei de gestiune	150	X	()	()	()
	Total profit (pierdere) (rd.120 + rd.130 + rd.140 + rd.150)	160				
V.	Rezerve din reevaluare	170				
VI.	Alte elemente de capital propriu	180				
	Total capital propriu (rd.060 + rd.070 + rd.110 + rd.160 + rd.170 + rd.180)	190				

SITUAȚIA FLUXURILOR DE NUMERAR

de la până la

Anexa 4

Indicatori	Cod rd	Perioada de gestiune	
		precedentă	curentă
1	2	3	4
Fluxuri de numerar din activitatea operațională			
Încasări din vânzări	010		
Plăți pentru stocuri și servicii procurate	020		
Plăți către angajați și organe de asigurare socială și medicală	030		
Dobânzi plătite	040		
Plata impozitului pe venit	050		
Alte încasări	060		
Alte plăți	070		
Fluxul net de numerar din activitatea operațională (rd.010 - rd.020 - rd.030 - rd.040 - rd.050 + rd.060 - rd.070)	080		
Fluxuri de numerar din activitatea de investiții			
Încasări din vânzarea activelor imobilizate	090		
Plăți aferente intrărilor de active imobilizate	100		
Dobânzi încasate	110		
Dividende încasate	120		
Inclusiv: dividende încasate din străinătate	121		
Alte încasări (plăți)	130		
Fluxul net de numerar din activitatea de investiții (rd.090 - rd.100 + rd.110 + rd.120 ± rd.130)	140		
Fluxuri de numerar din activitatea financiară			
Încasări sub formă de credite și împrumuturi	150		
Plăți aferente rambursării creditelor și împrumuturilor	160		
Dividende plătite	170		
Inclusiv: dividende plătite nerezidenților	171		
Încasări din operațiuni de capital	180		
Alte încasări (plăți)	190		
Fluxul net de numerar din activitatea financiară (rd.150 - rd.160 - rd.170 + rd.180 ± rd.190)	200		
Fluxul net de numerar total (± rd.080 ± rd.140 ± rd.200)	210		
Diferențe de curs valutar favorabile (nefavorabile)	220		
Sold de numerar la începutul perioadei de gestiune	230		
Sold de numerar la sfârșitul perioadei de gestiune (± rd.210 ± rd.220 + rd.230)	240		

Documente atașate - Notă explicativă (fișierul pdf)

Версия для печати

Сохранить

Расписка 2

Респондент
Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.
Предоставил отчет: RSF1_21
На фискальный период: A/2020
Дата предоставления: 11.05.2021
Временная метка отчёта зарегистрированного в Информационной Системе НБС : 11.05.2021 12:26:31

National Bureau of Statistics (NBS) received the electronic version of the report, sent by you. The data provided is verified by NBS.

Версия для печати

Сохранить

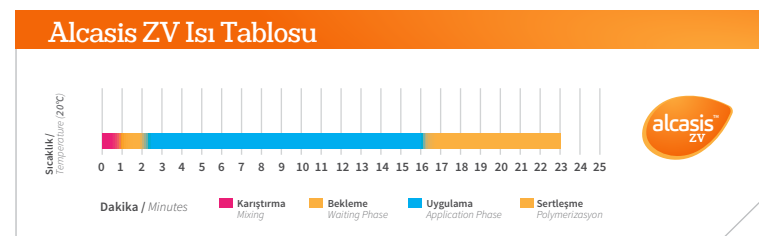
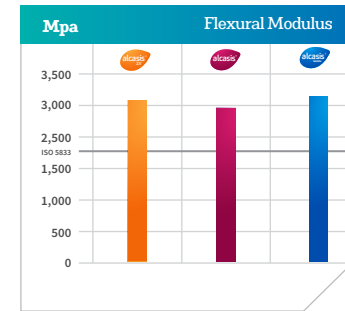
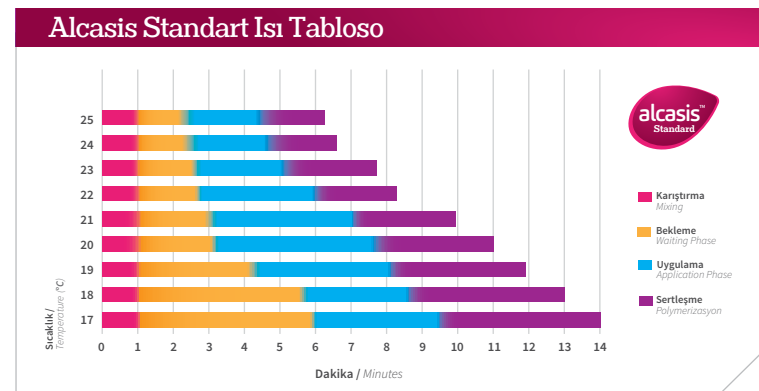
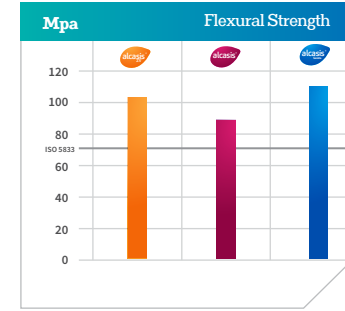
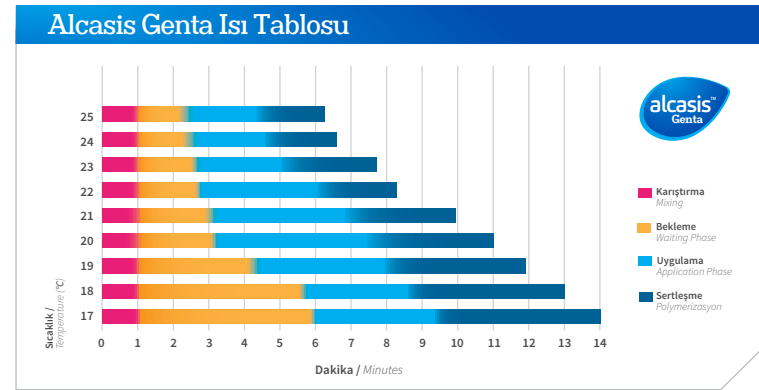
Расписка

Респондент
Фискальный код: 1010600028048, наименование: BIOSISTEM MLD S.R.L.
Предоставил отчет: RSF1_21
На фискальный период: A/2020
Дата предоставления: 11.05.2021
Временная метка отчёта зарегистрированного в Системе Электронной Отчётности и отправленного в Информационную Систему БНС : 11.05.2021 10:00:47

Radiopaque Sterile Surgical Acrylic



ALCASIS™ is a bone cement of moderate viscosity used in hip, knee and shoulder implant fixation. **ALCASIS™** bone cement produced and tested according to ISO 5833 acrylic resin cements standards from polymers with well defined properties in relation to particle size, molar mass and viscosity, has demonstrated superior quality and mechanical test performance in all formulations. **ALCASIS™** bone cement with exceptional adhesion and mechanical properties has high visibility under X-Ray radiation with Ph Eur BP USP synthetic Barium Sulphate as opacifier. In terms of application, modern systems have been produced for syringe / cement gun and manual application. **ALCASIS™** Bone Cement is housed in a double-layer tyvek envelope that forms a high seal and protection barrier. In this way, the cement can be poured into the preparation vessel easily and cleanly. In addition, the product is protected against external influences with bilister packaging and protected as safe as the end user's surgical personnel. **ALCASIS™** ZV is specially designed for use with low viscous acrylic bone cement, vertebroplaste. It has a high radioopacity for X-rays, with adequate working time and a formulation with suitable polymerization temperature. This product can be applied to osteoporotic vertebral fractures in patients with spinal angioplasty



Human Health Technologies



Radiopaque Sterile Surgical Acrylic



Tabib Farma İlaç Tıbbi Cihazlar Medikal Ortopedi
Gid. Tar. Bit. Yağ. Ür. İnş. Mal. San. Tic. Ltd. Şti
3327 Sk. S Ada 3. Blok No:3 /SDÜ GB Teknokenti
No:207 Isparta / TURKEY
T: +90 246 224 2230 F: +90 246 333 2005
bilgi@tabibfarma.com.tr
www.alcasisbonecement.com / AlcasisBC

GÖLLER BÖLGESİ TEKNOKENT R&D office:
Süleyman Demirel University, Lake District
Technopark, 102. Road, #207. Çünür /Isparta/TURKEY



Radiopaque Sterile Surgical Acrylic





Bone Cement

41G

With Antibiotic
Radiopaque Sterile
Surgical Acrylic

A pouch containing an envelope with 41 g of radiopaque Gentamicin-loaded powder sterilized by ethylene oxide

Polymethyl Methacrylate	35,58 g (86,78%)
Barium Sulphate Ph. Eur.	4 g (9,76%)
Benzoyl Peroxide	0,42 g (1,02%)
Gentamicin sulfate	1 g (2,44%)

An ampoule with 20 ml of liquid sterilized by ultrafiltration

Methyl Methacrylate	19,6 ml (98%)
N,N dimethyl p-toluidine	0,4 ml(2%)
Hydroquinone	18-20 ppm



Bone Cement



Bone Cement

40G

Standard Viscosity
Radiopaque Sterile
Surgical Acrylic

1 Packet Ethylene Oxide sterilised pouch, containing 40 g of sterile powder consisting of:

Polymethyl Methacrylate	35.58 gr (%88,95)
Barium Sulphate Ph. Eur.	4 gr (%10)
Benzoyl Peroxide	0,42 gr (%1,05)

1 ampoule 20 ml of liquid sterilized by the Aseptic Filling method

Methyl Methacrylate	19,6ml (%98)
N,N dimethyl p-toluidine	0,4 ml
Hydroquinone	18-20 ppm



Bone Cement

20G

Sterile Surgical
Vertebroplasti

1 Packet Ethylene Oxide sterilised pouch, containing 20 g of sterile powder consisting of:
1 ampoule 10 ml of liquid sterilized by the Aseptic Filling method



TUREIS Tlif Cage



Features

- Bi-convex graft contour, with a 4° angle of lordosis, conforms easily to the concavity of the endplate
- Structure on the surface, minimizing the risk of expulsion
- Large contact area, minimizing the risk of subsidence
- Large graft area, maximizing the chances of a successful fusion
- Simple, ergonomic and intelligent instrumentation

Code	Height	Length	Width	Code	Height	Length	Width	Angled
MSFX-BC2407	7	24	10	MSFX-BCA2407	7	24	10	4°
MSFX-BC2408	8	24	10	MSFX-BCA2408	8	24	10	4°
MSFX-BC2409	9	24	10	MSFX-BCA2409	9	24	10	4°
MSFX-BC2410	10	24	10	MSFX-BCA2410	10	24	10	4°
MSFX-BC2411	11	24	10	MSFX-BCA2411	11	24	10	4°
MSFX-BC2412	12	24	10	MSFX-BCA2412	12	24	10	4°
MSFX-BC2413	13	24	10	MSFX-BCA2413	13	24	10	4°
MSFX-BC2415	15	24	10	MSFX-BCA2415	15	24	10	4°
MSFX-BC2807	7	28	10	MSFX-BCA2807	7	28	10	4°
MSFX-BC2808	8	28	10	MSFX-BCA2808	8	28	10	4°
MSFX-BC2809	9	28	10	MSFX-BCA2809	9	28	10	4°
MSFX-BC2810	10	28	10	MSFX-BCA2810	10	28	10	4°
MSFX-BC2811	11	28	10	MSFX-BCA2811	11	28	10	4°
MSFX-BC2812	12	28	10	MSFX-BCA2812	12	28	10	4°
MSFX-BC2813	13	28	10	MSFX-BCA2813	13	28	10	4°
MSFX-BC2815	13	28	10	MSFX-BCA2815	15	28	10	4°
MSFX-BC3207	7	32	10	MSFX-BCA3207	7	32	10	4°
MSFX-BC3208	8	32	10	MSFX-BCA3208	8	32	10	4°
MSFX-BC3209	9	32	10	MSFX-BCA3209	9	32	10	4°
MSFX-BC3210	10	32	10	MSFX-BCA3210	10	32	10	4°
MSFX-BC3211	11	32	10	MSFX-BCA3211	11	32	10	4°
MSFX-BC3212	12	32	10	MSFX-BCA3212	12	32	10	4°
MSFX-BC3213	13	32	10	MSFX-BCA3213	13	32	10	4°
MSFX-BC3215	15	32	10	MSFX-BCA3215	15	32	10	4°





mikron

SPINAL CATALOG





COMPANY PROFILE

Mikron Makina Industry and Trade Limited Company were founded in 1980 then registered in 1994 as manufacturing mainly machining in component Defense, Aerospace, and Medical Industries. Since 2006, Mikron is a high-quality and affordable medical devices company.

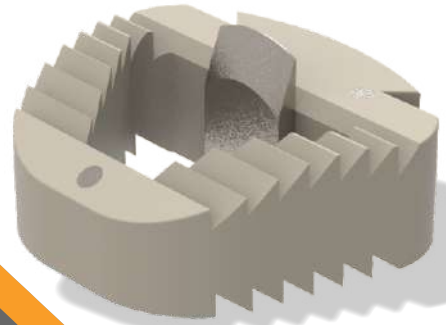
Experts in researches, designing, improving, and commercializing Spine and Orthopedic Implants with instruments. Our Continuous investment in developments for our products allows us to meet the ever-changing needs of customers. Mikron is managed and structured to achieve reliable and effective results, even to the most challenging customer requirements.

We believe this forms the foundation for the complementary beneficial, long-term partnerships and will ensure that we reach our goal of adding value to our clients.

We aim to price our solutions and services competitively and deliver products timeously to our customers. Mikron fulfills all the requirements of TS EN ISO 13485 and CE certificates at every stage of production.

AGENA-X

Cervical Cage With Blade



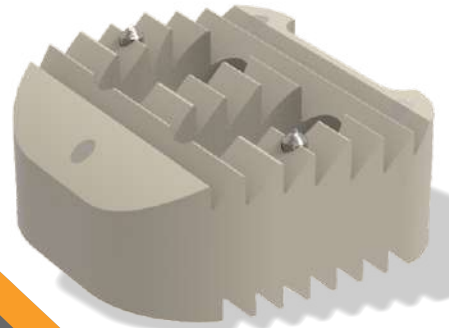
Features

- Agena-X is manufactured by using PEEK and Titanium, which is compatible with MRI and CT and which does not result in permanent lesions.
- Blades for a more reliable holding between the endplates.
- Anterior cervical plate may not required for supplemental fixation

Code	Height	Length	Width
MCPCB41214	4	12	14
MCPCB41216	4	12	16
MCPCB41414	4	14	14
MCPCB51214	5	12	14
MCPCB51216	5	12	16
MCPCB51414	5	14	14
MCPCB61214	6	12	14
MCPCB61216	6	12	16
MCPCB61414	6	14	14
MCPCB71214	7	12	14
MCPCB71216	7	12	16
MCPCB71414	7	14	14
MCPCB81214	8	12	14
MCPCB81216	8	12	16
MCPCB81414	8	14	14



AGENA Cervical Cage



Features

- Agena is manufactured by using PEEK material, which is compatible with MRI and CT and which does not result in permanent lesions.
- Easy insert and fit anatomic structure.
- Tantalum marker.
- Strong fixation with threaded surface and two titanium pins.

Code	Height	Length	Width
MSFX-CPC041214	4	12	14
MSFX-CPC041216	4	12	16
MSFX-CPC041414	4	14	14
MSFX-CPC051214	5	12	14
MSFX-CPC051216	5	12	16
MSFX-CPC051414	5	14	14
MSFX-CPC061214	6	12	14
MSFX-CPC061216	6	12	16
MSFX-CPC061414	6	14	14
MSFX-CPC071214	7	12	14
MSFX-CPC071216	7	12	16
MSFX-CPC071414	7	14	14
MSFX-CPC081214	8	12	14
MSFX-CPC081216	8	12	16
MSFX-CPC081414	8	14	14



AGENA-C

Cervical Expandable Cage



Features

- Agena-C is manufactured by using PEEK material and expanding mechanism: Ti6Al4V- Eli alloy, which is compatible with MRI and CT and which does not result in permanent lesions.
- Titanium pins together with titanium expanding mechanism let us identify the actual cage position.

Code	Height	Length	Width
MSFXECPC125	5	12	14
MSFXECPC126	6	12	14
MSFXECPC127	7	12	14
MSFXECPC128	8	12	14



SIRIUS

Cervical Disc Prosthesis



Features

- Manufactured from Ti6Al4V-ELI material, which is compatible with MRI and does not allow any lesional problems.
- Superior and inferior surfaces of a toothed structure provides retention, so the prosthesis can be placed firmly in the upper and lower parts of the end plates.
- The surface provides safety with the fixation into superior and inferior vertabrae. ($\pm$) 10° extension/flexion and lateral bending, and ($\pm$) 8° rotation of the disc can be fixed/provided by a single tool.

Code	Height	Length	Width
MSFX-CD12-04	4	12	14
MSFX-CD12-05	5	12	14
MSFX-CD12-06	6	12	14
MSFX-CD12-07	7	12	14
MSFX-CD12-08	8	12	14
MSFX-CD12-09	9	12	14
MSFX-CD14-04	4	14	14
MSFX-CD14-05	5	14	14
MSFX-CD14-06	6	14	14
MSFX-CD14-07	7	14	14
MSFX-CD14-08	8	14	14
MSFX-CD14-09	9	14	14
MSFX-CD16-05	5	14	16
MSFX-CD16-06	6	14	16
MSFX-CD16-07	7	14	16
MSFX-CD16-08	8	14	16
MSFX-CD16-09	9	14	16



MIRACH

Cervical Plate



Features

- The locking system that secures screws for one-step locking
- The plate has a low profile and smooth surface designed to help minimize irritation.
- Simple surgical technique

Cervical Plate



Code	Size
MSFX-CAP17	17
MSFX-CAP20	20
MSFX-CAP23	23
MSFX-CAP25	25
MSFX-CAP27	27
MSFX-CAP30	30
MSFX-CAP33	33
MSFX-CAP36	36
MSFX-CAP40	40
MSFX-CAP45	45
MSFX-CAP50	50
MSFX-CAP55	55
MSFX-CAP60	60
MSFX-CAP65	65
MSFX-CAP70	70
MSFX-CAP75	75
MSFX-CAP80	80
MSFX-CAP85	85
MSFX-CAP90	90



Cervical Plate Screws



Code	Size
MSFX-CAPS12	4.0x12 mm
MSFX-CAPS14	4.0x14 mm
MSFX-CAPS16	4.0x16 mm
MSFX-CAPS18	4.0x18 mm
MSFX-CAPS20	4.0x20 mm
MSFX-CAPSR12	4.5x12 mm
MSFX-CAPSR14	4.5x14 mm
MSFX-CAPSR16	4.5x16 mm
MSFX-CAPSR18	4.5x18 mm
MSFX-CAPSR20	4.5x20 mm



REGULUS-C

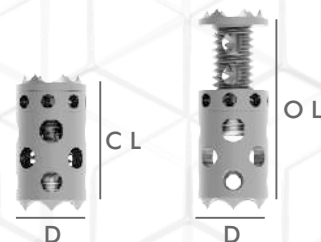
Corpectomy Cage



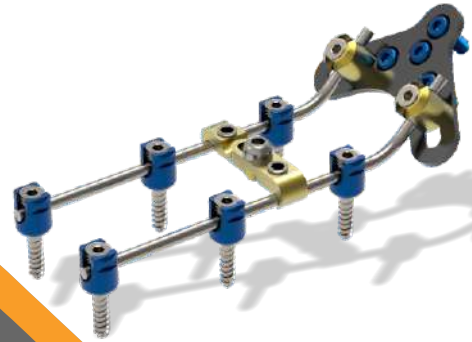
Features

- Full contact with angled surface
- Teeth on the surface, minimizing the risk of expulsion
- Angled inferior and superior area allow a complete contact with vertebral surface and composed by one piece.
- With an efficient grafting space, the system allows applying graft before distraction and provides a one stage locking mechanism.

Code	Diameter	Closed Length	Open Length	Angled
MCTC101013	10	10	13	
MCTC101317	10	13	17	
MCTC101625	10	16	25	
MCTC121013	12	10	13	
MCTC121317	12	13	17	
MCTC121625	12	16	25	
MCTC122440	12	24	40	
MCTC123965	12	39	65	
MCTC141013	14	10	13	
MCTC141317	14	13	17	
MCTC141625	14	16	25	
MCTC142440	14	24	40	
MCTC143965	14	39	65	
MCTC161013	16	10	13	
MCTC161317	16	13	17	
MCTC161625	16	16	25	
MCTC162440	16	24	40	
MCTC163965	16	39	65	
MCTC201013	20	10	13	
MCTC201317	20	13	17	
MCTC201625	20	16	25	
MCTC1216256	12	16	25	6°
MCTC1224406	12	24	40	6°
MCTC1239656	12	39	65	6°
MCTC1416256	14	16	25	6°
MCTC1424406	14	24	40	6°
MCTC1439656	14	39	65	6°



OMICRON Cervical Spinal System



Features

- Self-tapping flute centers screw for easy insertion
- Low profile screw head
- 3 diameters with cancellous profile (3.5 mm & 4.0 mm and 4.5 mm Rescue Screw)
3.5 mm diameter rod
- Multiple screw, hook, rod, connector and plate options to better match patient anatomy

Posterior Cervical Polyaxial Screw

Code	Size
 MSFX-PPPS3510	3.5x10 mm
MSFX-PPPS3512	3.5x12 mm
MSFX-PPPS3514	3.5x14 mm
MSFX-PPPS3516	3.5x16 mm
MSFX-PPPS3518	3.5x18 mm
MSFX-PPPS3520	3.5x20 mm
MSFX-PPPS3522	3.5x22 mm
MSFX-PPPS3524	3.5x24 mm
MSFX-PPPS3526	3.5x26 mm
MSFX-PPPS3528	3.5x28 mm
MSFX-PPPS3530	3.5x30 mm
MSFX-PPPS3532	3.5x32 mm
 MSFX-PPPS4010	4.0x10 mm
MSFX-PPPS4012	4.0x12 mm
MSFX-PPPS4014	4.0x14 mm
MSFX-PPPS4016	4.0x16 mm
MSFX-PPPS4018	4.0x18 mm
MSFX-PPPS4020	4.0x20 mm
MSFX-PPPS4022	4.0x22 mm
MSFX-PPPS4024	4.0x24 mm
MSFX-PPPS4026	4.0x26 mm
MSFX-PPPS4028	4.0x28 mm
MSFX-PPPS4030	4.0x30 mm
MSFX-PPPS4032	4.0x32 mm
 MSFX-PPPS4510	4.5x10 mm
MSFX-PPPS4512	4.5x12 mm
MSFX-PPPS4514	4.5x14 mm
MSFX-PPPS4516	4.5x16 mm
MSFX-PPPS4518	4.5x18 mm
MSFX-PPPS4520	4.5x20 mm
MSFX-PPPS4522	4.5x22 mm
MSFX-PPPS4524	4.5x24 mm
MSFX-PPPS4526	4.5x26 mm
MSFX-PPPS4528	4.5x28 mm
MSFX-PPPS4530	4.5x30 mm
MSFX-PPPS4532	4.5x32 mm

Occipital Plate

Code	Size
MSFX-CPOPL	L
MSFX-CPOPM	M
MSFX-CPOPS	S



Transverse Connector

Code	Size
MSFX-TL130	30 mm
MSFX-TL135	35 mm
MSFX-TL140	40 mm
MSFX-TL145	45 mm
MSFX-TL150	50 mm
MSFX-TL155	55 mm
MSFX-TL160	60 mm



Cervical Hook

Code	Size
 MSFX-PCHL7	4.5X7 mm
MSFX-PCHM6	4.5X6 mm
MSFX-PCHS5	4.5X5 mm

Cervical Rod

Code	Size
MSFX-SR1304	3.5x40 mm
MSFX-SR1308	3.5x80 mm
MSFX-SR1312	3.5x120 mm
MSFX-SR1320	3.5x200 mm

Occipital Plate Screw

Code	Size
 MSFX-CPOSS4	4.0x4 mm
MSFX-CPOSS5	4.0x5 mm
MSFX-CPOSS6	4.0x6 mm
MSFX-CPOSL4	4.5x4 mm
MSFX-CPOSL5	4.5x5 mm
MSFX-CPOSL6	4.5x6 mm

Lateral Connector

Code	Size
MSFX-LCNT12	10 mm
MSFX-LCNT18	18 mm



Domino-Connector

Code
MSFX-SECN01
MSFX-SDCN02



PROCYON

Spinal System 6.0



Features

- Easy Lock System
- Cylindrical feature Self-Tapping
- 57 degree with polyaxial screws
- Implantable pedicle screws as a Monoaxial, Polyaxial Cannulated screws pre-bent rods, rod types, hooks in different sizes, easy to use hand tools compatible with implants
- More reliable tightening with the torx design of setscrew. Reverse angled setscrew thread design.

Polyaxial Screw



Code	Size	Code	Size	Code	Size
MSFX-PAS3525	3.5x25 mm	MSFX-PAS5535	5.5x35 mm	MSFX-PAS7540	7.5x40 mm
MSFX-PAS3530	3.5x30 mm	MSFX-PAS5540	5.5x40 mm	MSFX-PAS7545	7.5x45 mm
MSFX-PAS3535	3.5x35 mm	MSFX-PAS5545	5.5x45 mm	MSFX-PAS7550	7.5x50 mm
MSFX-PAS3540	3.5x40 mm	MSFX-PAS5550	5.5x50 mm	MSFX-PAS7555	7.5x55 mm
MSFX-PAS3545	3.5x45 mm	MSFX-PAS5555	5.5x55 mm	MSFX-PAS7560	7.5x60 mm
MSFX-PAS4020	4.0x20 mm	MSFX-PAS5560	5.5x60 mm	MSFX-PAS8030	8.0x30 mm
MSFX-PAS4025	4.0x25 mm	MSFX-PAS6035	6.0x35 mm	MSFX-PAS8035	8.0x35 mm
MSFX-PAS4030	4.0x30 mm	MSFX-PAS6040	6.0x40 mm	MSFX-PAS8040	8.0x40 mm
MSFX-PAS4035	4.0x35 mm	MSFX-PAS6045	6.0x45 mm	MSFX-PAS8045	8.0x45 mm
MSFX-PAS4040	4.0x40 mm	MSFX-PAS6050	6.0x50 mm	MSFX-PAS8050	8.0x50 mm
MSFX-PAS4045	4.0x45 mm	MSFX-PAS6055	6.0x55 mm	MSFX-PAS8055	8.0x55 mm
MSFX-PAS4520	4.5x20 mm	MSFX-PAS6060	6.0x60 mm	MSFX-PAS8060	8.0x60 mm
MSFX-PAS4525	4.5x25 mm	MSFX-PAS6530	6.5x30 mm	MSFX-PAS8070	8.0x70 mm
MSFX-PAS4530	4.5x30 mm	MSFX-PAS6535	6.5x35 mm	MSFX-PAS8080	8.0x80 mm
MSFX-PAS4535	4.5x35 mm	MSFX-PAS6540	6.5x40 mm	MSFX-PAS8090	8.0x90 mm
MSFX-PAS4540	4.5x40 mm	MSFX-PAS6545	6.5x45 mm	MSFX-PAS80100	8.0x100 mm
MSFX-PAS4545	4.5x45 mm	MSFX-PAS6550	6.5x50 mm	MSFX-PAS8530	8.5x30 mm
MSFX-PAS5030	5.0x30 mm	MSFX-PAS6555	6.5x55 mm	MSFX-PAS8535	8.5x35 mm
MSFX-PAS5035	5.0x35 mm	MSFX-PAS6560	6.5x60 mm	MSFX-PAS8540	8.5x40 mm
MSFX-PAS5040	5.0x40 mm	MSFX-PAS7035	7.0x35 mm	MSFX-PAS8545	8.5x45 mm
MSFX-PAS5045	5.0x45 mm	MSFX-PAS7040	7.0x40 mm	MSFX-PAS8550	8.5x50 mm
MSFX-PAS5050	5.0x50 mm	MSFX-PAS7045	7.0x45 mm	MSFX-PAS8555	8.5x55 mm
MSFX-PAS5055	5.0x55 mm	MSFX-PAS7050	7.0x50 mm	MSFX-PAS8560	8.5x60 mm
MSFX-PAS5060	5.0x60 mm	MSFX-PAS7055	7.0x55 mm	MSFX-PAS8570	8.5x70 mm
MSFX-PAS5520	5.5x20 mm	MSFX-PAS7060	7.0x60 mm	MSFX-PAS8580	8.5x80 mm
MSFX-PAS5525	5.5x25 mm	MSFX-PAS7530	7.5x30 mm	MSFX-PAS8590	8.5x90 mm
MSFX-PAS5530	5.5x30 mm	MSFX-PAS7535	7.5x35 mm	MSFX-PAS85100	8.5x100 mm

Monoaxial Screw

Code	Size	Code	Size
 MSFX-MAS3525	3.5x25 mm	MSFX-MAS6035	6.0x35 mm
MSFX-MAS3530	3.5x30 mm	MSFX-MAS6040	6.0x40 mm
MSFX-MAS3535	3.5x35 mm	MSFX-MAS6045	6.0x45 mm
MSFX-MAS3540	3.5x40 mm	MSFX-MAS6050	6.0x50 mm
MSFX-MAS3545	3.5x45 mm	MSFX-MAS6055	6.0x55 mm
MSFX-MAS4025	4.0x25 mm	MSFX-MAS6530	6.5x30 mm
MSFX-MAS4030	4.0x30 mm	MSFX-MAS6535	6.5x35 mm
MSFX-MAS4035	4.0x35 mm	MSFX-MAS6540	6.5x40 mm
MSFX-MAS4040	4.0x40 mm	MSFX-MAS6545	6.5x45 mm
MSFX-MAS4045	4.0x45 mm	MSFX-MAS6550	6.5x50 mm
MSFX-MAS4525	4.5x25 mm	MSFX-MAS6555	6.5x55 mm
MSFX-MAS4530	4.5x30 mm	MSFX-MAS7035	7.0x35 mm
MSFX-MAS4535	4.5x35 mm	MSFX-MAS7040	7.0x40 mm
MSFX-MAS4540	4.5x40 mm	MSFX-MAS7045	7.0x45 mm
MSFX-MAS4545	4.5x45 mm	MSFX-MAS7050	7.0x50 mm
MSFX-MAS5030	5.0x30 mm	MSFX-MAS7055	7.0x55 mm
MSFX-MAS5035	5.0x35 mm	MSFX-MAS7535	7.5x35 mm
MSFX-MAS5040	5.0x40 mm	MSFX-MAS7540	7.5x40 mm
MSFX-MAS5045	5.0x45 mm	MSFX-MAS7545	7.5x45 mm
MSFX-MAS5050	5.0x50 mm	MSFX-MAS7550	7.5x50 mm
MSFX-MAS5530	5.5x30 mm	MSFX-MAS7555	7.5x55 mm
MSFX-MAS5535	5.5x35 mm	MSFX-MAS8035	8.0x35 mm
MSFX-MAS5540	5.5x40 mm	MSFX-MAS8040	8.0x40 mm
MSFX-MAS5545	5.5x45 mm	MSFX-MAS8045	8.0x45 mm
MSFX-MAS5550	5.5x50 mm	MSFX-MAS8050	8.0x50 mm
MSFX-MAS5555	5.5x55 mm	MSFX-MAS8055	8.0x55 mm

Monoaxial Spondylolisthesis Screw

Code	Size
 MSFX-MRS5535	5.5x35 mm
MSFX-MRS5540	5.5x40 mm
MSFX-MRS5545	5.5x45 mm
MSFX-MRS5550	5.5x50 mm
MSFX-MRS6035	6.0x35 mm
MSFX-MRS6040	6.0x40 mm
MSFX-MRS6045	6.0x45 mm
MSFX-MRS6050	6.0x50 mm
MSFX-MRS6535	6.5x35 mm
MSFX-MRS6540	6.5x40 mm
MSFX-MRS6545	6.5x45 mm
MSFX-MRS6550	6.5x50 mm
MSFX-MRS7035	7.0x35 mm
MSFX-MRS7040	7.0x40 mm
MSFX-MRS7045	7.0x45 mm
MSFX-MRS7050	7.0x50 mm
MSFX-MRS7055	7.0x55 mm
MSFX-MRS7540	7.5x40 mm
MSFX-MRS7545	7.5x45 mm
MSFX-MRS7550	7.5x50 mm
MSFX-MRS7555	7.5x55 mm

Polyaxial Spondylolisthesis Screw



Code	Size
MSFX-PRS5530	5.5x30 mm
MSFX-PRS5535	5.5x35 mm
MSFX-PRS5540	5.5x45 mm
MSFX-PRS5545	5.5x45 mm
MSFX-PRS5550	5.5x50 mm
MSFX-PRS5555	5.5x55 mm
MSFX-PRS6035	6.0x35 mm
MSFX-PRS6040	6.0x40 mm
MSFX-PRS6045	6.0x45 mm
MSFX-PRS6050	6.0x50 mm
MSFX-PRS6530	6.5x30 mm
MSFX-PRS6535	6.5x35 mm
MSFX-PRS6540	6.5x40 mm
MSFX-PRS6545	6.5x45 mm
MSFX-PRS6550	6.5x50 mm
MSFX-PRS6555	6.5x55 mm
MSFX-PRS7035	7.0x35 mm
MSFX-PRS7040	7.0x40 mm
MSFX-PRS7045	7.0x45 mm
MSFX-PRS7050	7.0x50 mm
MSFX-PRS7055	7.0x55 mm
MSFX-PRS7535	7.5x35 mm
MSFX-PRS7540	7.5x40 mm
MSFX-PRS7545	7.5x45 mm
MSFX-PRS7550	7.5x50 mm
MSFX-PRS7555	7.5x55 mm

Polyaxial Cannulated And Fenestrated Screw



Code	Size	Code	Size
MSFX-CPS5530	4.5x30 mm	MSFX-CPS6550	6.5x50 mm
MSFX-CPS4535	4.5x35 mm	MSFX-CPS6555	6.5x55 mm
MSFX-CPS4540	4.5x40 mm	MSFX-CPS7030	7.0x30 mm
MSFX-CPS4545	4.5x45 mm	MSFX-CPS7035	7.0x35 mm
MSFX-CPS4550	4.5x50 mm	MSFX-CPS7040	7.0x40 mm
MSFX-CPS4555	4.5x55 mm	MSFX-CPS7045	7.0x45 mm
MSFX-CPS5035	5.0x35 mm	MSFX-CPS7050	7.0x50 mm
MSFX-CPS5040	5.0x40 mm	MSFX-CPS7055	7.0x55 mm
MSFX-CPS5045	5.0x45 mm	MSFX-CPS7530	7.5x30 mm
MSFX-CPS5050	5.0x50 mm	MSFX-CPS7535	7.5x35 mm
MSFX-CPS5055	5.0x55 mm	MSFX-CPS7540	7.5x40 mm
MSFX-CPS5530	5.5x30 mm	MSFX-CPS7545	7.5x45 mm
MSFX-CPS5535	5.5x35 mm	MSFX-CPS7550	7.5x50 mm
MSFX-CPS5540	5.5x40 mm	MSFX-CPS7555	7.5x55 mm
MSFX-CPS5545	5.5x45 mm	MSFX-CPS8035	8.0x35 mm
MSFX-CPS5550	5.5x50 mm	MSFX-CPS8040	8.0x40 mm
MSFX-CPS5555	5.5x55 mm	MSFX-CPS8045	8.0x45 mm
MSFX-CPS6035	6.0x35 mm	MSFX-CPS8050	8.0x50 mm
MSFX-CPS6040	6.0x40 mm	MSFX-CPS8055	8.0x55 mm
MSFX-CPS6045	6.0x45 mm		
MSFX-CPS6050	6.0x50 mm		
MSFX-CPS6055	6.0x55 mm		
MSFX-CPS6530	6.5x30 mm		
MSFX-CPS6535	6.5x35 mm		
MSFX-CPS6540	6.5x40 mm		
MSFX-CPS6545	6.5x45 mm		

Monoaxial Cannulated And Fenestrated Screw

Rod

Rod CR



Code	Size
MSFX-CMS5530	5.5x30 mm
MSFX-CMS5535	5.5x35 mm
MSFX-CMS5540	5.5x40 mm
MSFX-CMS5545	5.5x45 mm
MSFX-CMS5550	5.5x50 mm
MSFX-CMS5555	5.5x55 mm
MSFX-CMS6530	6.5x30 mm
MSFX-CMS6535	6.5x35 mm
MSFX-CMS6540	6.5x40 mm
MSFX-CMS6545	6.5x45 mm
MSFX-CMS6550	6.5x50 mm
MSFX-CMS6555	6.5x55 mm
MSFX-CMS7530	7.5x30 mm
MSFX-CMS7535	7.5x35 mm
MSFX-CMS7540	7.5x40 mm
MSFX-CMS7545	7.5x45 mm
MSFX-CMS7550	7.5x50 mm
MSFX-CMS7555	7.5x55 mm



Code	Size
MSFX-SR1604	6.0x40 mm
MSFX-SR1605	6.0x50 mm
MSFX-SR1606	6.0x60 mm
MSFX-SR1607	6.0x70 mm
MSFX-SR1608	6.0x80 mm
MSFX-SR1609	6.0x90 mm
MSFX-SR1610	6.0x100 mm
MSFX-SR1611	6.0x110 mm
MSFX-SR1612	6.0x120 mm
MSFX-SR1613	6.0x130 mm
MSFX-SR1614	6.0x140 mm
MSFX-SR1615	6.0x150 mm
MSFX-SR1616	6.0x160 mm
MSFX-SR1617	6.0x170 mm
MSFX-SR1618	6.0x180 mm
MSFX-SR1619	6.0x190 mm
MSFX-SR1620	6.0x200 mm
MSFX-SR1621	6.0x210 mm
MSFX-SR1622	6.0x220 mm
MSFX-SR1623	6.0x230 mm
MSFX-SR1624	6.0x240 mm
MSFX-SR1625	6.0x250 mm
MSFX-SR1626	6.0x260 mm
MSFX-SR1627	6.0x270 mm
MSFX-SR1628	6.0x280 mm
MSFX-SR1629	6.0x290 mm
MSFX-SR1630	6.0x300 mm
MSFX-SR1631	6.0x310 mm
MSFX-SR1632	6.0x320 mm
MSFX-SR1640	6.0x400 mm
MSFX-SR1648	6.0x480 mm
MSFX-SR1650	6.0x500 mm
MSFX-SR1660	6.0x600 mm

MSFX-CR1620	6.0x200 mm
MSFX-CR1630	6.0x300 mm
MSFX-CR1640	6.0x400 mm
MSFX-CR1650	6.0x500 mm

POLAR

Spinal System 5.5/6.0



Features

- The Polar 5.5 Spinal System is low profile system.
- The screws feature a dual - lead thread design with self - tapping cuts, expediting advancement and reducing surgeon fatigue.
- Screws available in 4.5mm. 5.5mm. 6.5mm. 7.5mm and 8.5mm diameters and multiple lengths
- Dual - lead thread pattern for faster insertion and increased pull out strength.
- Polyaxial Range of the motion for ease of use intraoperatively
- Ability to accept diameter 5.5 and 6.0 mm rod.

Polar Dual-Lead Polyaxial Screw



Code	Size	Code	Size
MSFX-PPPS3525	3.5x25 mm	MSFX-PPPS6530	6.5x30 mm
MSFX-PPPS3530	3.5x30 mm	MSFX-PPPS6535	6.5x35 mm
MSFX-PPPS3535	3.5x35 mm	MSFX-PPPS6540	6.5x40 mm
MSFX-PPPS3540	3.5x40 mm	MSFX-PPPS6545	6.5x45 mm
MSFX-PPPS3545	3.5x45 mm	MSFX-PPPS6550	6.5x50 mm
MSFX-PPPS4520	4.5x20 mm	MSFX-PPPS6555	6.5x55 mm
MSFX-PPPS4525	4.5x25 mm	MSFX-PPPS7035	7.0x35 mm
MSFX-PPPS4530	4.5x30 mm	MSFX-PPPS7040	7.0x40 mm
MSFX-PPPS4535	4.5x35 mm	MSFX-PPPS7045	7.0x45 mm
MSFX-PPPS4540	4.5x40 mm	MSFX-PPPS7050	7.0x50 mm
MSFX-PPPS4545	4.5x45 mm	MSFX-PPPS7055	7.0x55 mm
MSFX-PPPS5030	5.0x30 mm	MSFX-PPPS7530	7.5x30 mm
MSFX-PPPS5035	5.0x35 mm	MSFX-PPPS7535	7.5x35 mm
MSFX-PPPS5040	5.0x40 mm	MSFX-PPPS7540	7.5x40 mm
MSFX-PPPS5045	5.0x45 mm	MSFX-PPPS7545	7.5x45 mm
MSFX-PPPS5050	5.0x50 mm	MSFX-PPPS7550	7.5x50 mm
MSFX-PPPS5520	5.5x20 mm	MSFX-PPPS7555	7.5x55 mm
MSFX-PPPS5525	5.5x25 mm	MSFX-PPPS8030	8.0x30 mm
MSFX-PPPS5530	5.5x30 mm	MSFX-PPPS8035	8.0x35 mm
MSFX-PPPS5535	5.5x35 mm	MSFX-PPPS8040	8.0x40 mm
MSFX-PPPS5540	5.5x40 mm	MSFX-PPPS8045	8.0x45 mm
MSFX-PPPS5545	5.5x45 mm	MSFX-PPPS8050	8.0x50 mm
MSFX-PPPS5550	5.5x50 mm	MSFX-PPPS8055	8.0x55 mm
MSFX-PPPS5555	5.5x55 mm	MSFX-PPPS8060	8.0x60 mm
MSFX-PPPS6035	6.0x35 mm	MSFX-PPPS8070	8.0x70 mm
MSFX-PPPS6040	6.0x40 mm	MSFX-PPPS8080	8.0x80 mm
MSFX-PPPS6045	6.0x45 mm	MSFX-PPPS8090	8.0x90 mm
MSFX-PPPS6050	6.0x50 mm	MSFX-PPPS80100	8.0x100 mm
MSFX-PPPS6055	6.0x55 mm		

Polar Dual-Lead Polyaxial Spondylolisthesis Screw



Code	Size
MSFX-PPRPS5530	5.5x30 mm
MSFX-PPRPS5535	5.5x35 mm
MSFX-PPRPS5540	5.5x40 mm
MSFX-PPRPS5545	5.5x45 mm
MSFX-PPRPS5550	5.5x50 mm
MSFX-PPRPS5555	5.5x55 mm
MSFX-PPRPS6035	6.0x35 mm
MSFX-PPRPS6040	6.0x40 mm
MSFX-PPRPS6045	6.0x45 mm
MSFX-PPRPS6050	6.0x50 mm
MSFX-PPRPS6535	6.5x35 mm
MSFX-PPRPS6540	6.5x40 mm
MSFX-PPRPS6545	6.5x45 mm
MSFX-PPRPS6550	6.5x50 mm
MSFX-PPRPS6555	6.5x55 mm
MSFX-PPRPS7035	7.0x35 mm
MSFX-PPRPS7040	7.0x40 mm
MSFX-PPRPS7045	7.0x45 mm
MSFX-PPRPS7050	7.0x50 mm
MSFX-PPRPS7055	7.0x55 mm
MSFX-PPRPS7535	7.5x35 mm
MSFX-PPRPS7540	7.5x40 mm
MSFX-PPRPS7545	7.5x45 mm
MSFX-PPRPS7550	7.5x50 mm
MSFX-PPRPS7555	7.5x55 mm

Polar Dual-Lead Monoaxial Screw



Code	Size	Code	Size
MSFX-PPMAS3525	3.5x25 mm	MSFX-PPMAS6040	6.0x40 mm
MSFX-PPMAS3530	3.5x30 mm	MSFX-PPMAS6045	6.0x45 mm
MSFX-PPMAS3535	3.5x35 mm	MSFX-PPMAS6050	6.0x50 mm
MSFX-PPMAS3540	3.5x40 mm	MSFX-PPMAS6055	6.0x55 mm
MSFX-PPMAS3545	3.5x45 mm	MSFX-PPMAS6530	6.5x30 mm
MSFX-PPMAS4025	4.0x25 mm	MSFX-PPMAS6535	6.5x35 mm
MSFX-PPMAS4030	4.0x30 mm	MSFX-PPMAS6540	6.5x40 mm
MSFX-PPMAS4035	4.0x35 mm	MSFX-PPMAS6545	6.5x45 mm
MSFX-PPMAS4040	4.0x40 mm	MSFX-PPMAS6550	6.5x50 mm
MSFX-PPMAS4525	4.5x25 mm	MSFX-PPMAS6555	6.5x55 mm
MSFX-PPMAS4530	4.5x30 mm	MSFX-PPMAS7035	7.0x35 mm
MSFX-PPMAS4535	4.5x35 mm	MSFX-PPMAS7040	7.0x40 mm
MSFX-PPMAS4540	4.5x40 mm	MSFX-PPMAS7045	7.0x45 mm
MSFX-PPMAS4545	4.5x45 mm	MSFX-PPMAS7050	7.0x50 mm
MSFX-PPMAS5030	5.0x30 mm	MSFX-PPMAS7055	7.0x55 mm
MSFX-PPMAS5035	5.0x35 mm	MSFX-PPMAS7535	7.5x35 mm
MSFX-PPMAS5040	5.0x40 mm	MSFX-PPMAS7540	7.5x40 mm
MSFX-PPMAS5045	5.0x45 mm	MSFX-PPMAS7545	7.5x45 mm
MSFX-PPMAS5050	5.0x50 mm	MSFX-PPMAS7550	7.5x50 mm
MSFX-PPMAS5530	5.5x30 mm	MSFX-PPMAS7555	7.5x55 mm
MSFX-PPMAS5535	5.5x35 mm	MSFX-PPMAS8035	8.0x35 mm
MSFX-PPMAS5540	5.5x40 mm	MSFX-PPMAS8040	8.0x40 mm
MSFX-PPMAS5545	5.5x45 mm	MSFX-PPMAS8045	8.0x45 mm
MSFX-PPMAS5550	5.5x50 mm	MSFX-PPMAS8050	8.0x50 mm
MSFX-PPMAS5555	5.5x55 mm	MSFX-PPMAS8055	8.0x55 mm
MSFX-PPMAS6035	6.0x35 mm		

Polar Dual-Lead Monoaxial Spondylolisthesis Screw



Code	Size
MSFX-PPMRS5535	5.5x35 mm
MSFX-PPMRS5540	5.5x40 mm
MSFX-PPMRS5550	5.5x50 mm
MSFX-PPMRS6035	6.0x35 mm
MSFX-PPMRS6050	6.0x50 mm
MSFX-PPMRS6535	6.5x35 mm
MSFX-PPMRS6545	6.5x45 mm
MSFX-PPMRS6550	6.5x50 mm
MSFX-PPMRS7040	7.0x40 mm
MSFX-PPMRS7045	7.0x45 mm
MSFX-PPMRS7050	7.0x50 mm
MSFX-PPMRS7055	7.0x55 mm
MSFX-PPMRS7540	7.5x40 mm
MSFX-PPMRS7550	7.5x50 mm
MSFX-PPMRS7555	7.5x55 mm

Polar Dual-Lead Polyaxial Cannulated And Fenestrated Screw

Code	Size
 MSFX-PPCPS5530	5.5x30 mm
MSFX-PPCPS5535	5.5x35 mm
MSFX-PPCPS5540	5.5x40 mm
MSFX-PPCPS5545	5.5x45 mm
MSFX-PPCPS5550	5.5x50 mm
MSFX-PPCPS5555	5.5x55 mm
MSFX-PPCPS6530	6.5x30 mm
MSFX-PPCPS6535	6.5x35 mm
MSFX-PPCPS6540	6.5x40 mm
MSFX-PPCPS6545	6.5x45 mm
MSFX-PPCPS6550	6.5x50 mm
MSFX-PPCPS6555	6.5x55 mm
MSFX-PPCPS7530	7.5x30 mm
MSFX-PPCPS7535	7.5x35 mm
MSFX-PPCPS7540	7.5x40 mm
MSFX-PPCPS7545	7.5x45 mm
MSFX-PPCPS7550	7.5x50 mm
MSFX-PPCPS7555	7.5x55 mm
MSFX-PPCPS8035	8.0x35 mm
MSFX-PPCPS8040	8.0x40 mm
MSFX-PPCPS8045	8.0x45 mm
MSFX-PPCPS8050	8.0x50 mm
MSFX-PPCPS8055	8.0x55 mm
MSFX-PPCPS8060	8.0x60 mm
MSFX-PPCPS8070	8.0x70 mm
MSFX-PPCPS8080	8.0x80 mm
MSFX-PPCPS8090	8.0x90 mm
MSFX-PPCPS80100	8.0x100 mm

Polar Dual-Lead Monoaxial Cannulated And Fenestrated Screw

Code	Size
 MSFX-PPCMS5530	5.5x30 mm
MSFX-PPCMS5535	5.5x35 mm
MSFX-PPCMS5540	5.5x40 mm
MSFX-PPCMS5545	5.5x45 mm
MSFX-PPCMS5550	5.5x50 mm
MSFX-PPCMS5555	5.5x55 mm
MSFX-PPCMS6530	6.5x30 mm
MSFX-PPCMS6535	6.5x35 mm
MSFX-PPCMS6540	6.5x40 mm
MSFX-PPCMS6545	6.5x45 mm
MSFX-PPCMS6550	6.5x50 mm
MSFX-PPCMS6555	6.5x55 mm
MSFX-PPCMS7530	7.5x30 mm
MSFX-PPCMS7535	7.5x35 mm
MSFX-PPCMS7540	7.5x40 mm
MSFX-PPCMS7545	7.5x45 mm
MSFX-PPCMS7550	7.5x50 mm
MSFX-PPCMS7555	7.5x55 mm

Polar Quad Lead Polyaxial Screw



Code	Size	Code	Size
MSFX-PPMFS3525	3.5x25 mm	MSFX-PPMFS6055	6.0x55 mm
MSFX-PPMFS3530	3.5x30 mm	MSFX-PPMFS6530	6.5x30 mm
MSFX-PPMFS3535	3.5x35 mm	MSFX-PPMFS6535	6.5x35 mm
MSFX-PPMFS3540	3.5x40 mm	MSFX-PPMFS6540	6.5x40 mm
MSFX-PPMFS3545	3.5x45 mm	MSFX-PPMFS6545	6.5x45 mm
MSFX-PPMFS4520	4.5x20 mm	MSFX-PPMFS6550	6.5x50 mm
MSFX-PPMFS4525	4.5x25 mm	MSFX-PPMFS6555	6.5x55 mm
MSFX-PPMFS4530	4.5x30 mm	MSFX-PPMFS7035	7.0x35 mm
MSFX-PPMFS4535	4.5x35 mm	MSFX-PPMFS7040	7.0x40 mm
MSFX-PPMFS4540	4.5x40 mm	MSFX-PPMFS7045	7.0x45 mm
MSFX-PPMFS4545	4.5x45 mm	MSFX-PPMFS7050	7.0x50 mm
MSFX-PPMFS5030	5.0x30 mm	MSFX-PPMFS7055	7.0x55 mm
MSFX-PPMFS5035	5.0x35 mm	MSFX-PPMFS7530	7.5x30 mm
MSFX-PPMFS5040	5.0x40 mm	MSFX-PPMFS7535	7.5x35 mm
MSFX-PPMFS5045	5.0x45 mm	MSFX-PPMFS7540	7.5x40 mm
MSFX-PPMFS5050	5.0x50 mm	MSFX-PPMFS7545	7.5x45 mm
MSFX-PPMFS5520	5.5x20 mm	MSFX-PPMFS7550	7.5x50 mm
MSFX-PPMFS5525	5.5x25 mm	MSFX-PPMFS7555	7.5x55 mm
MSFX-PPMFS5530	5.5x30 mm	MSFX-PPMFS8030	8.0x30 mm
MSFX-PPMFS5535	5.5x35 mm	MSFX-PPMFS8035	8.0x35 mm
MSFX-PPMFS5540	5.5x40 mm	MSFX-PPMFS8040	8.0x40 mm
MSFX-PPMFS5545	5.5x45 mm	MSFX-PPMFS8045	8.0x45 mm
MSFX-PPMFS5550	5.5x50 mm	MSFX-PPMFS8050	8.0x50 mm
MSFX-PPMFS5555	5.5x55 mm	MSFX-PPMFS8055	8.0x55 mm
MSFX-PPMFS6035	6.0x35 mm	MSFX-PPMFS8070	8.0x70 mm
MSFX-PPMFS6040	6.0x40 mm	MSFX-PPMFS8080	8.0x80 mm
MSFX-PPMFS6045	6.0x45 mm	MSFX-PPMFS8090	8.0x90 mm
MSFX-PPMFS6050	6.0x50 mm	MSFX-PPMFS80100	8.0x100 mm

Polar Quad Lead Polyaxial Spondylolisthesis Screw



Code	Size
MSFX-PPMFRS5530	5.5x30 mm
MSFX-PPMFRS5540	5.5x40 mm
MSFX-PPMFRS5545	5.5x45 mm
MSFX-PPMFRS5550	5.5x50 mm
MSFX-PPMFRS5555	5.5x55 mm
MSFX-PPMFRS6035	6.0x35 mm
MSFX-PPMFRS6040	6.0x40 mm
MSFX-PPMFRS6045	6.0x45 mm
MSFX-PPMFRS6050	6.0x50 mm
MSFX-PPMFRS6540	6.5x40 mm
MSFX-PPMFRS6545	6.5x45 mm
MSFX-PPMFRS6550	6.5x50 mm
MSFX-PPMFRS6555	6.5x55 mm
MSFX-PPMFRS7035	7.0x35 mm
MSFX-PPMFRS7040	7.0x40 mm
MSFX-PPMFRS7045	7.0x45 mm
MSFX-PPMFRS7050	7.0x50 mm
MSFX-PPMFRS7055	7.0x55 mm
MSFX-PPMFRS7535	7.5x35 mm
MSFX-PPMFRS7540	7.5x40 mm
MSFX-PPMFRS7545	7.5x45 mm
MSFX-PPMFRS7550	7.5x50 mm
MSFX-PPMFRS7555	7.5x55 mm

Rod		Rod CR		Sacral Iliac Screw	
Code	Size	Code	Size	Code	Size
MSFX-SR1504	5.5x40 mm	MSFX-CR1520	5,5x200 mm	MSFX-SSS6035	6.0x35 mm
MSFX-SR1505	5.5x50 mm	MSFX-CR1530	5.5x300 mm	MSFX-SSS6040	6.0x40 mm
MSFX-SR1506	5.5x60 mm	MSFX-CR1540	5.5x400 mm	MSFX-SSS6045	6.0x45 mm
MSFX-SR1507	5.5x70 mm	MSFX-CR1550	5.5x500 mm	MSFX-SSS6050	6.0x50 mm
MSFX-SR1508	5.5x80 mm			MSFX-SSS6055	6.0x55 mm
MSFX-SR1509	5.5x90 mm			MSFX-SSS7040	7.0x40 mm
MSFX-SR1510	5.5x100 mm			MSFX-SSS7045	7.0x45 mm
MSFX-SR1511	5.5x110 mm			MSFX-SSS7050	7.0x50 mm
MSFX-SR1512	5.5x120 mm			MSFX-SSS7055	7.0x55 mm
MSFX-SR1513	5.5x130 mm			MSFX-SSC15	15
MSFX-SR1514	5.5x140 mm			MSFX-SSC20	20
MSFX-SR1515	5.5x150 mm			MSFX-SOCNT	
MSFX-SR1516	5.5x160 mm				
MSFX-SR1517	5.5x170 mm				
MSFX-SR1518	5.5x180 mm				
MSFX-SR1519	5.5x190 mm				
MSFX-SR1520	5.5x200 mm				
MSFX-SR1521	5.5x210 mm				
MSFX-SR1522	5.5x220 mm				
MSFX-SR1523	5.5x230 mm				
MSFX-SR1524	5.5x240 mm				
MSFX-SR1525	5.5x250 mm				
MSFX-SR1526	5.5x260 mm				
MSFX-SR1527	5.5x270 mm				
MSFX-SR1528	5.5x280 mm				
MSFX-SR1529	5.5x290 mm				
MSFX-SR1530	5.5x300 mm				
MSFX-SR1531	5.5x310 mm				
MSFX-SR1532	5.5x320 mm				
MSFX-SR1540	5.5x400 mm				
MSFX-SR1548	5.5x480 mm				
MSFX-SR1560	5.5x500 mm				
MSFX-SR1550	5.5x600 mm				

Transverse Connector

Code	Size
MSFX-TLH	
MSFX-TLR140	40 mm
MSFX-TLR150	50mm
MSFX-TLR160	60 mm
MSFX-TLR170	70 mm
MSFX-TLR180	80 mm
MSFX-MHTR	



Multiaxial Transverse Connector

Code	Size
MSFX-MTL4060	40-60 mm
MSFX-MTL6080	60-80 mm



Lateral Connector

Code	Size
MSFX-LCNT15	15 mm
MSFX-LCNT20	20 mm
MSFX-LCNT25	25 mm
MSFX-LCNT30	30 mm



Connector

Code
MSFX-ECNT01
MSFX-ECNT02
MSFX-OCNT



Laminar Hooks

Code	Size
MSFX-LH0505	5x5 mm
MSFX-LH0507	5x7 mm
MSFX-LH0509	5x9 mm
MSFX-LH0706	7x6 mm
MSFX-LH0707	7x7 mm
MSFX-LH0709	7x9 mm
MSFX-LH0711	7x11 mm
MSFX-LHF0505	5x5 mm
MSFX-LHF0507	5x7 mm
MSFX-LHLA709	7x9 mm
MSFX-LHLA711	7x11 mm
MSFX-LHRA709	7x9 mm
MSFX-LHRA711	7x11 mm



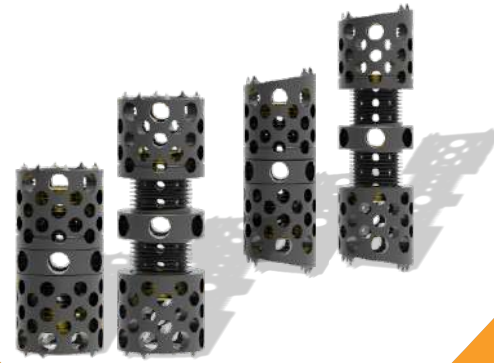
Pedicular Hooks

Code	Size
MSFX-HT3L0507	5x7 mm
MSFX-HT3L0509	5x9 mm
MSFX-HT3L0511	5x11 mm
MSFX-HT3R0507	5x7 mm
MSFX-HT3R0509	5x9 mm
MSFX-HT3R0511	5x11 mm
MSFX-PH0805	8x5 mm
MSFX-PH0807	8x7 mm
MSFX-PH0809	8x9 mm
MSFX-PHF0505	5x5 mm
MSFX-PHF0507	5x7 mm



REGULUS-L

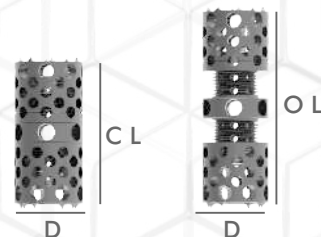
Corpectomy Cage



Features

- Ti-6Al-4V ELI Titanium alloy
- Anatomical design
- Efficient design providing wide grafting space
- Controlled in-situ expansion
- Easy instrumentation

Code	Diameter	Closed Length	Open Length	Angled
MVTCD202534	20	25	34	
MVTCD203244	20	32	44	
MVTCD204258	20	42	58	
MVTCD205684	20	56	84	
MVTCD242329	24	23	29	
MVTCD242840	24	28	40	
MVTCD243854	24	38	54	
MVTCD245276	24	52	76	
MVTCD2474114	24	74	114	
MVTCD283044	28	30	44	
MVTCD284258	28	42	58	
MVTCD285684	28	56	84	
MVTCD2882130	28	82	130	
MVTCD28100140	28	100	140	
MVTCA202534	20	25	34	6°
MVTCA203244	20	32	44	6°
MVTCA204258	20	42	58	6°
MVTCA205684	20	56	84	6°
MVTCA242329	24	23	29	6°
MVTCA242840	24	28	40	6°
MVTCA243854	24	38	54	6°
MVTCA245276	24	52	76	6°
MVTCA2474114	24	74	114	6°
MVTCA283044	28	30	44	6°
MVTCA284258	28	42	58	6°
MVTCA285684	28	56	84	6°
MVTCA2882130	28	82	130	6°
MVTCA28100140	28	100	140	6°



ESTELA

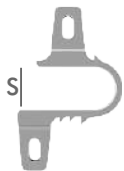
Interspinous Device



Features

- Simplicity of use
- Dynamic fixation and stabilisation.
- Reduces stresses at the facet joints
- Opens up the foramina
- Prevent upfolding ligamentum flavum

Code	Size
MSFX- 8UDPL	08
MSFX-10UDPL	10
MSFX-12UDPL	12
MSFX-14UDPL	14
MSFX-16UDPL	16



TUREIS

Tlif Cage



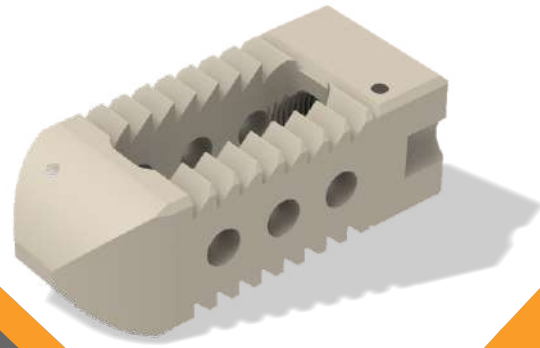
Features

- Bi-convex graft contour, with a 4° angle of lordosis, conforms easily to the concavity of the endplate
- Structure on the surface, minimizing the risk of expulsion
- Large contact area, minimizing the risk of subsidence
- Large graft area, maximizing the chances of a successful fusion
- Simple, ergonomic and intelligent instrumentation

Code	Height	Length	Width	Code	Height	Length	Width	Angled
MSFX-BC2407	7	24	10	MSFX-BCA2407	7	24	10	4°
MSFX-BC2408	8	24	10	MSFX-BCA2408	8	24	10	4°
MSFX-BC2409	9	24	10	MSFX-BCA2409	9	24	10	4°
MSFX-BC2410	10	24	10	MSFX-BCA2410	10	24	10	4°
MSFX-BC2411	11	24	10	MSFX-BCA2411	11	24	10	4°
MSFX-BC2412	12	24	10	MSFX-BCA2412	12	24	10	4°
MSFX-BC2413	13	24	10	MSFX-BCA2413	13	24	10	4°
MSFX-BC2415	15	24	10	MSFX-BCA2415	15	24	10	4°
MSFX-BC2807	7	28	10	MSFX-BCA2807	7	28	10	4°
MSFX-BC2808	8	28	10	MSFX-BCA2808	8	28	10	4°
MSFX-BC2809	9	28	10	MSFX-BCA2809	9	28	10	4°
MSFX-BC2810	10	28	10	MSFX-BCA2810	10	28	10	4°
MSFX-BC2811	11	28	10	MSFX-BCA2811	11	28	10	4°
MSFX-BC2812	12	28	10	MSFX-BCA2812	12	28	10	4°
MSFX-BC2813	13	28	10	MSFX-BCA2813	13	28	10	4°
MSFX-BC2815	13	28	10	MSFX-BCA2815	15	28	10	4°
MSFX-BC3207	7	32	10	MSFX-BCA3207	7	32	10	4°
MSFX-BC3208	8	32	10	MSFX-BCA3208	8	32	10	4°
MSFX-BC3209	9	32	10	MSFX-BCA3209	9	32	10	4°
MSFX-BC3210	10	32	10	MSFX-BCA3210	10	32	10	4°
MSFX-BC3211	11	32	10	MSFX-BCA3211	11	32	10	4°
MSFX-BC3212	12	32	10	MSFX-BCA3212	12	32	10	4°
MSFX-BC3213	13	32	10	MSFX-BCA3213	13	32	10	4°
MSFX-BC3215	15	32	10	MSFX-BCA3215	15	32	10	4°



CAPELLA Plif Cage



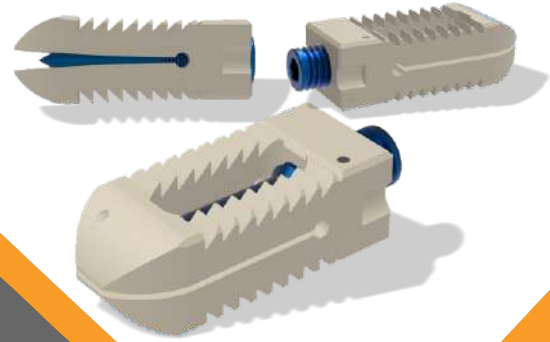
Features

- Self-distracting, bulletted nose, facilitating insertion
- Convex-shaped Implants, designed to the patient anatomy and to allow more accurate sizing
- Teeth on the surface, minimizing the risk of expulsion
- Large contact area, minimizing the risk of subsidence
- Simple, ergonomic and intelligent instrumentation

Code	Height	Length	Width	Code	Height	Length	Width	Angled
MSFX-LCD2206	6	22	10	MSFX-LCA2206	6	22	10	4°
MSFX-LCD2207	7	22	10	MSFX-LCA2207	7	22	10	4°
MSFX-LCD2208	8	22	10	MSFX-LCA2208	8	22	10	4°
MSFX-LCD2209	9	22	10	MSFX-LCA2209	9	22	10	4°
MSFX-LCD2210	10	22	10	MSFX-LCA2210	10	22	10	4°
MSFX-LCD2211	11	22	10	MSFX-LCA2211	11	22	10	4°
MSFX-LCD2212	12	22	10	MSFX-LCA2212	12	22	10	4°
MSFX-LCD2406	6	24	10	MSFX-LCA2214	14	22	10	4°
MSFX-LCD2407	7	24	10	MSFX-LCA2216	16	22	10	4°
MSFX-LCD2408	8	24	10	MSFX-LCA2406	6	24	10	4°
MSFX-LCD2409	9	24	10	MSFX-LCA2407	7	24	10	4°
MSFX-LCD2410	10	24	10	MSFX-LCA2408	8	24	10	4°
MSFX-LCD2411	11	24	10	MSFX-LCA2409	9	24	10	4°
MSFX-LCD2412	12	24	10	MSFX-LCA2410	10	24	10	4°
				MSFX-LCA2411	11	24	10	4°
				MSFX-LCA2412	12	24	10	4°



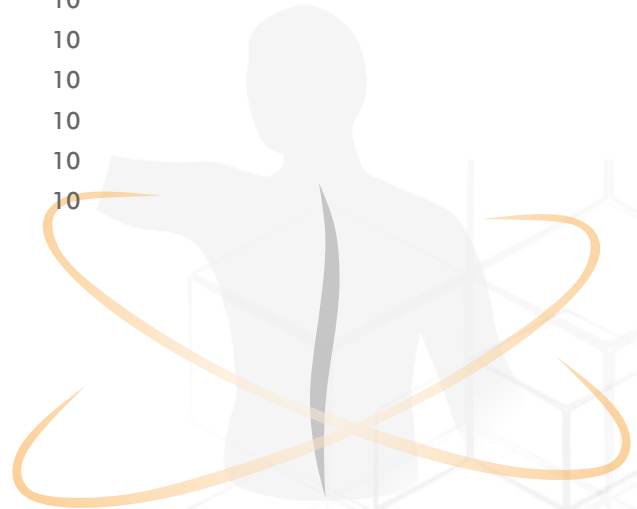
CAPELLA-X Plif Expandable Cage



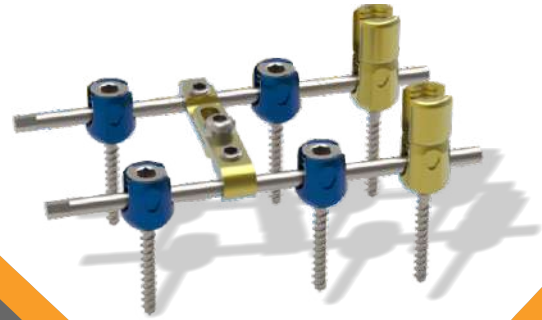
Features

- Self-distracting, bulleted nose, facilitating insertion
- Easy to implant with sharp ended design.
- Teeth on the surface, minimizing the risk of expulsion
- Graft area, maximizing the chances of a successful fusion
- Large contact area, minimizing the risk of subsidence

Code	Height	Length	Width
MSFX-EPC1007	7	24	10
MSFX-EPC1008	8	24	10
MSFX-EPC1009	9	24	10
MSFX-EPC1010	10	24	10
MSFX-EPC1011	11	24	10
MSFX-EPC1012	12	24	10
MSFX-EPC1013	13	24	10



PEDIS Spinal System



Features

- The pedis pediatric pedicle system consists of polyaxial screws, and reduction screw, various rods, and locking set screws to provide efficient and secure top-loading, rigid fixation in posterior lumbar fusions for pediatric patient.

Polyaxial Screw

Code

Size



MSFX-PPAS3520	3.5x20 mm
MSFX-PPAS3530	3.5x30 mm
MSFX-PPAS3535	3.5x35 mm
MSFX-PPAS3540	3.5x40 mm
MSFX-PPAS4020	4.0x20 mm
MSFX-PPAS4025	4.0x25 mm
MSFX-PPAS4030	4.0x30 mm
MSFX-PPAS4035	4.0x35 mm
MSFX-PPAS4040	4.0x40 mm
MSFX-PPAS4530	4.5x30 mm
MSFX-PPAS4535	4.5x35 mm
MSFX-PPAS4540	4.5x40 mm
MSFX-PPAS4545	4.5x45 mm
MSFX-PPAS5030	5.0x30 mm
MSFX-PPAS5035	5.0x35 mm
MSFX-PPAS5040	5.0x40 mm
MSFX-PPAS5045	5.0x45 mm

Pedis Pediatric Polyaxial Spondylolisthesis Screw

Code

Size



MSFX-SPPAS4035	4.0x35 mm
MSFX-SPPAS4040	4.0x40 mm
MSFX-SPPAS4045	4.0x45 mm
MSFX-SPPAS5035	5.0x35 mm
MSFX-SPPAS5040	5.0x40 mm
MSFX-SPPAS5045	5.0x45 mm

Transverse Connector

Code

Size



MSFX-PTC40	40 mm
MSFX-PTC50	50 mm
MSFX-PTC60	60 mm

Laminar Hooks

Code	Size
 MSFX-PLH4055	4.0x5.5 mm
MSFX-PLH4065	4.0x6.5 mm
MSFX-PLH4075	4.0x7.5 mm
MSFX-PLH5055	5.0x5.5 mm
MSFX-PLH5065	5.0x6.5 mm
MSFX-PLH5075	5.0x7.5 mm
MSFX-PLH0607	6.0x7.0 mm

Rod

Code	Size
MSFX-PPR40	5.0x40 mm
MSFX-PPR60	5.0x60 mm
MSFX-PPR80	5.0x80 mm
MSFX-PPR100	5.0x100 mm
MSFX-PPR120	5.0x120 mm
MSFX-PPR140	5.0x140 mm
MSFX-PPR160	5.0x160 mm
MSFX-PPR180	5.0x180 mm
MSFX-PPR200	5.0x200 mm
MSFX-PPR250	5.0x250 mm
MSFX-PPR300	5.0x300 mm
MSFX-PPR400	5.0x400 mm
MSFX-PPR500	5.0x500 mm

Domino Connector

Code	Size
MSFX-PPRC5060	5.0/6.0 mm
MSFX-PPRC7550	5.0/5.0 mm
MSFX-PPAK	S
MSFX-PPAO	M
MSFX-PPAB	L



Pedicular Hooks

Code	Size
 MSFX-PPH7555	7.5x5.5 mm
MSFX-PPH7565	7.5x6.5 mm
MSFX-PPH0605	6.0x5.0 mm
MSFX-PPH0705	7.0x5.0 mm
MSFX-PPH0707	7.0x7.0 mm
MSFX-PPH0905	9.0x5.0 mm
MSFX-PPH0907	9.0x7.0 mm

Lateral Connector

Code	Size
MSFX-OCNTPE	

Extension Connector

Code	Size
MSFX-OCNTPE	

NOTES :





HEAD OFFICE

İvedik OSB Ağaç İşleri San. Sit. 1372. Sok. No: 31
06378 - Yenimahalle - ANKARA / TURKEY

FACTORY

Dağyaka Mah. Dağyaka Cad. No: 38
06980 - Kahramankazan - ANKARA / TURKEY

info@mikronmakina.com

www.mikronmakina.com

+90 312 395 17 00

+90 312 802 00 66

CAT 01-SPINAL 29/12/2020 REV. 00



C E R T I F I C A T E

Full Quality Assurance System

Medical Devices Directive 93/42/EEC Annex II (Excluding Section 4)

Company Name : Mikron Makina Sanayi ve Ticaret Ltd. Şti.

Company Address : İvedik OSB Mah. Ağaç İşleri Sanayi Sitesi 1372. Sk. No:31 Yenimahalle
ANKARA / TURKEY

Manufacturing Site : Dağyaka Mah. Dağyaka Cad. No:38 Kahramankazan
(Branch Office) ANKARA / TURKEY

Related Directives and Annex : 93/42/EEC Medical Devices Directive - Annex II (Excluding Section 4)

Product : Non-Sterile Spinal Screw Rod System - Class IIb
Sterile Cervical & Lomber Peek Cages - Class IIb
Non-Sterile Corpectomy Cages - Class IIb
Sterile Cervical Mobile Disc Prosthesis - Class IIb
Non-Sterile Plates - Class IIb
Non-Sterile Bone Plates & Bone Screw - Class IIb

GMDN : 37272, 43084, 38161, 34170, 46647, 56642, 35685, 58446, 48011,
61325, 32854

Product Types are attached.

Certificate Number : M.2017.106.8497

Report Number : MD.3468.YB

Initial Assessment Date : 22.05.2017

Registration Date : 07.06.2017

Recertification Assessment Date : 20.12.2019

Reissue Date / No : 15.04.2020/01

Revision Date /No : -

Expiry Date : 27.05.2024



UDEM International Certification
Auditing Training Centre Industry
and Trade Inc. Co.

UDEM hereby declares that the requirements of Annex II, excluding section 4 of the 93/42/EEC Directive have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance audits, defined by Annex II, section 5 of the forementioned directive. According to Annex II, section 4 an EC design- examination certificate is required for placing the Class III devices on the market. UDEM's responsibility for class I devices covered by the EC certificate is limited to manufacturing issues related to safeguarding and maintaining sterile conditions, if the device is sterile; and manufacturing issues related to product's conformity with metrological requirements, if it has measurement function. This certificate remains as the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named company and UDEM must keep a copy of this certificate for 5 years from the registration of the certificate. Usage of the CE mark is under the responsibility of the manufacturer with the completion of EC Declaration of Conformity. The above mentioned company must notify all changes related with the approved product to UDEM. If UDEM will not renew the expiry date of this certificate in question, the mentioned company should stop placing the product on the market. The validity of the certificate can be checked through www.udem.com.tr.



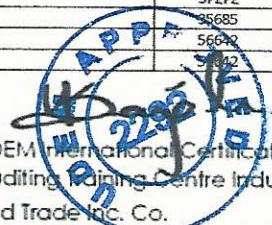
Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY
Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76
E-mail: info@udemltd.com.tr www.udem.com.tr

LIST OF PRODUCTS	GMDN
Non-Sterile Spinal Screw Rod System	
MSFX -MIKRON SPINAL STABILISATION POLYAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILISATION MULTIFUNCTIONAL SCREW	37272
MSFX -MIKRON SPINAL STABILISATION POLYAXIAL CANNULATED-CEMENTED SCREW	37272
MSFX -MIKRON SPINAL STABILISATION MONOAXIAL CANNULATED-CEMENTED SCREW	37272
MSFX -MIKRON SPINAL STABILISATION MONOAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLYAXIAL SPONDYLOLISTHESIS SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION MULTIFUNCTIONAL SPONDYLOLISTHESIS SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION MONOAXIAL SPONDYLOLISTHESIS SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR POLYAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR MULTIFUNCTIONAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR CANNULATED-CEMENTED MULTIFUNCTIONAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR CANNULATED-CEMENTED MONOAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR MONOAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR SPONDYLOLISTHESIS POLYAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR SPONDYLOLISTHESIS MULTIFUNCTIONAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION POLAR PEDICULAR SPONDYLOLISTHESIS MONOAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION ROD	58446
MSFX -MIKRON SPINAL STABILIZATION ANTERIOR ROD	58446
MSFX -MIKRON SPINAL STABILIZATION TRANSVERSE CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION TRANSVERSE CERVICAL CONNECTOR ROD	58446
MSFX -MIKRON SPINAL STABILIZATION TRANSVERSE CONNECTOR HOOK	48011
MSFX -MIKRON SPINAL STABILIZATION MULTIAXIAL TRANSVERSE CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION LATERAL CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION EXTENSION CONNECTOR FOR 1 ROD	58446
MSFX -MIKRON SPINAL STABILIZATION EXTENSION CONNECTOR FOR 2 ROD	58446
MSFX -MIKRON SPINAL STABILIZATION MULTIAXIAL CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION PEDICULAR HOOK SMALL	61325
MSFX -MIKRON SPINAL STABILIZATION PEDICULAR HOOK OFFSET	61325
MSFX -MIKRON SPINAL STABILIZATION LAMINAR HOOK	61325
MSFX -MIKRON SPINAL STABILIZATION LAMINAR HOOK LEFT ANGLED	61325
MSFX -MIKRON SPINAL STABILIZATION LAMINAR HOOK RIGHT ANGLED	61325
MSFX -MIKRON SPINAL STABILIZATION LAMINAR HOOK OFFSET LEFT/RIGHT	61325
MSFX -MIKRON SPINAL STABILIZATION 3 TYPE HOOK LEFT	61325
MSFX -MIKRON SPINAL STABILIZATION 3 TYPE HOOK RIGHT	61325
MSFX -MIKRON SPINAL STABILIZATION INTERSPINOUS U DEVICE	37272
MSFX -MIKRON SPINAL STABILIZATION CERVICAL POSTERIOR POLYAXIAL SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION CERVICAL ROD	58446
THORACOLUMBAR POSTERIOR POLYAXIAL SCREW TITANIUM SELF TAPPING	37272
THORACOLUMBAR POSTERIOR LINK CONNECTOR TITANIUM DOMINOTO FOR 1 ROD	58446
THORACOLUMBAR POSTERIOR LINK CONNECTOR TITANIUM DOMINOTO FOR 2 ROD	58446
THORACOLUMBAR POSTERIOR LINK CONNECTOR TITANIUM AXIAL	58446
THORACOLUMBAR POSTERIOR LINK CONNECTOR TITANIUM AXIAL 2	58446
MSFX -MIKRON SPINAL STABILIZATION POLYAXIAL HEMISPHERICAL SCREW	37272
MSFX -MODULER RIGID PLATE SMALL	46647
MSFX -MODULER RIGID PLATE LARGE	46647
MSFX -MODULER RIGID PLATE SACRUM	46647
MSFX -MODULAR DOUBLE SIDED DYNAMIC PLATE SMALL	46647
MSFX -MODULAR DOUBLE SIDED DYNAMIC PLATE LARGE	46647
MSFX -MODULAR SEMI RIGID PLATE SMALL	46647
MSFX -MODULAR SEMI RIGID PLATE LARGE	46647
MSFX -MIKRON SPINAL STABILIZATION SPHERICAL CONNECTOR	61325
MSFX -MIKRON SPINAL STABILIZATION SPHERICAL CROSS CONNECTOR	61325
POLYAXIAL CONNECTOR CLAMP	58446
MIDDLE CONNECTOR CLAMP	58446
CONNECTOR CLAMP	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC POLYAXIAL SCREW + Setscrew	37272
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC POLYAXIAL SPONDYLOLISTHESIS SCREW + Setscrew	37272
MSFX -MIKRON SPINAL STABILIZATION PEDIATRIC ROD	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC ROD CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC LAMINAR CONNECTOR	48011
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC PEDICUL HOOK	48011
MSFX -MODULAR DYNAMIC PLATE SMALL	58446
MSFX -MODULAR DYNAMIC PLATE LARGE	58446
MSFX -MODULAR DYNAMIC PLATE SMALL	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC POLYAXIAL SPONDYLOLISTHESIS SCREW + Setscrew	37272
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC TRANSVERSE CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC ROD CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC LATERAL CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS PEDIATRIC AXIAL CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION MONOAXIAL HOOK TRANSVERSE CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION HIGH FLEX LUMBAR EXPANDABLE PEEK CAGE	38161
MSFX -MIKRON SPINAL STABILIZATION ANTERIOR TITANIUM PLATE CORPUS RIGHT	46647
MSFX -MIKRON SPINAL STABILIZATION ANTERIOR TITANIUM PLATE CORPUS LEFT	46647
MSFX -MIKRON SPINAL STABILIZATION ANTERIOR TRANSVERSE CONNECTOR	58446
MSFX -SPHERICAL TRANSVERSE CONNECTOR SCREW TO SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION SPHERICAL CONNECTOR PEDIATRIC SCREW TO SCREW	37272
MSFX -MIKRON SPINAL STABILIZATION TRANSVERSE LINK AXIAL	58446
MSFX -MIKRON SPINAL STABILIZATION PEDIS TRANSVERSE LINK PEDIATRIC	58446
MSFX -MIKRON SPINAL STABILIZATION SACRAL CONNECTOR	58446
MSFX -MIKRON SPINAL STABILIZATION SACRAL MULTIAXIAL CONNECTOR	58446



This document containing 3 (three) pages is the Annex of the Certificate with the number M.2017.106.8497 and with the registration date of 07.06.2017 and with the re-issue date 15.04.2020 issued for "Mikron Makina Sanayi ve Ticaret Ltd. Şti." by UDEM Uluslararası Belgelendirme Denetim Eğitim Merkezi San. ve Tic. A.Ş. that is giving service as Notified Body with the ID No: 2292 according to 93/42/EEC Medical Devices Directive.

MSFX-MIKRON SPINAL STABILIZATION SACRAL-ILIAC SCREW	37272
MSFX-MIKRON SPINAL STABILIZATION ANTERIOR AGRAP PLATE	61325
MSFX-MIKRON SPINAL STABILIZATION ANTERIOR TRANSVERSE CONNECTOR	58446
Sterile Cervical & Lumbar Peek Cages	
MSFX-MIKRON SPINAL LUMBAR FUSION PEEK CAGE	38161
MSFX-MIKRON SPINAL LUMBAR FUSION PEEK CAGE ANGLED	38161
MSFX-MIKRON SPINAL STABILIZATION MINIMAL INVASIVE TLIF CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION HIGH FLEX LUMBAR EXPANDABLE PEEK CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION HIGH FLEX EXPANDABLE CERVICAL PEEK CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION TLIF CAGE	38161
MSFX-MIKRON SPINAL FIXATION BANANA CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION TLIF CAGE ANGLED	38161
MSFX-MIKRON SPINAL FIXATION BANANA CAGE ANGLED	38161
MSFX-MIKRON SPINAL STABILIZATION HIGH FLEX EXPANDABLE TLIF PEEK CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION CERVICAL BLADED PEEK CAGE & ANATOMICAL SURFACE	38161
MSFX-MIKRON SPINAL STABILIZATION CERVICAL PEEK CAGE & ANATOMICAL SURFACE	38161
Non-Sterile Corpectomy Cages	
MSFX-MIKRON SPINAL STABILIZATION LUMBAR CORPECTOMY CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION LUMBAR CORPECTOMY CAGE ANGLED	38161
MSFX-MIKRON SPINAL STABILIZATION CERVICAL CORPECTOMY TITANIUM CAGE	38161
MSFX-MIKRON SPINAL STABILIZATION CERVICAL CORPECTOMY TITANIUM CAGE ANGLED	38161
MSFX-MIKRON SPINAL STABILIZATION CORPECTOMY CAGE SCREW	38161
Sterile Cervical Mobile Disc Prosthesis	
MOBILE CERVICAL DISC PROSTHESIS	43084
Non-Sterile Plates	
MSFX-MIKRON SPINAL STABILIZATION CERVICAL ANTERIOR PLATE	61325
MSFX-MIKRON SPINAL STABILIZATION CERVICAL ANTERIOR PLATE SCREW	37272
MSFX-MIKRON SPINAL STABILIZATION CERVICAL ANTERIOR PLATE SCREW- REVISION	37272
Non-Sterile Bone Plates & Bone Screw	
CLAVICLE DISTAL LOCKING PLATE	46647
CLAVICLE SHAFT LOCKING PLATE	46647
CLAVICLE HOOK LOCKING PLATE	46647
HUMERUS PROXIMAL LOCKING PLATE	46647
HUMERUS DISTAL MEDIAL LOCKING PLATE	46647
HUMERUS DISTAL LATERAL LOCKING PLATE	46647
HUMERUS DISTAL POSTEROLATERAL LOCKING PLATE	46647
ULNA PROXIMAL LOCKING PLATE	46647
SMALL BROAD LOCKING PLATE	46647
SMALL NARROW LOCKING PLATE	46647
RADIUS PROXIMAL LOCKING PLATE	46647
RADIUS DISTAL VOLLARE LOCKING PLATE	46647
RADIUS DISTAL DORSAL LOCKING PLATE	46647
PELVIS RECONSTRUCTION STRAIGHT LOCKING PLATE	46647
PELVIS RECONSTRUCTION CURVED LOCKING PLATE	46647
TIBIA DISTAL MEDIAL LOCKING PLATE	46647
TIBIA DISTAL ANTEROLATERAL LOCKING PLATE	46647
FIBULA DISTAL LOCKING PLATE	46647
SMALL METAPHYSEAL LOCKING PLATE	46647
SEMITUBULAR LOCKING PLATE	46647
KALKANEUS LOCKING PLATE	46647
ULNA DISTAL LOCKING PLATE	46647
RECONSTRUCTION SHAFT LOCKING PLATE	46647
ULNA PROXIMAL HOOK LOCKING PLATE	46647
SMALL(MINI) FOOT LOCKING PLATE	46647
SMALL (MINI) FOOT STRAIGHT LOCKING PLATE	46647
SMALL HAND LOCKING PLATE	46647
SMALL HAND STRAIGHT LOCKING PLATE	46647
LARGE NARROW LOCKING PLATE	46647
LARGE BROAD LOCKING PLATE	46647
FEMUR PROXIMAL LOCKING PLATE	46647
FEMUR PROXIMAL NECK LOCKING PLATE	46647
FEMUR PROXIMAL TROCHANTER LOCKING PLATE	46647
FEMUR DISTAL LOCKING PLATE	46647
TIBIA PROXIMAL LATERAL LOCKING PLATE	46647
TIBIA PROXIMAL MEDIAL T LOCKING PLATE	46647
TIBIA PROXIMAL MEDIAL L LOCKING PLATE	46647
TIBIA DISTAL LATERAL LOCKING PLATE	46647
LARGE METAPHYSEAL LOCKING NARROW PLATE	46647
LOCKING SELF TAPPING CORTICAL SCREW	37272
LOCKING SELF DRILLING SCREW	37272
LOCKING SELF TAPPING CANCELLOUS SCREW	37272
HEXAGONAL UNLOCKED SELF TAPPING CORTICAL SCREW	37272
HEXAGONAL UNLOCKED SELF TAPPING CANCELLOUS SCREW	37272
CANNULATED FULL GROVED SCREW	37272
CANNULATED CANCELLOUS SCREW	37272
ANKLE SCREW	37272
HEXAGONAL LOCKING SELF DRILLING CANNULATED SCREW	37272
LOCKING SELF TAPPING CORTICAL SCREW	37272
UNLOCKED SELF TAPPING CORTICAL SCREW	37272
TROCAR KIRSHNER WIRE	35685
WASHER SMALL	56632
WASHER MEDIUM	56632



WASHER LARGE	56642
WASHER EKSTRA EKSTRA LARGE	56642
WASHER EKSTRA LARGE	56642
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL ELASTIC NAIL RADIUS/ULNA/FEMUR/TIBIA/HUMERUS NOT CANNULATED TEN ELASTIC NAIL SCREW	37272
TEN ELASTIC NAIL AND CAP SMALL	37272
TEN ELASTIC NAIL AND CAP ORTA	37272
TEN ELASTIC NAIL AND CAP LARGE	37272
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL TIBIA CANNULATED ANATOMIC NONCOATED TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL HUMERUS CANNULATED PROXIMAL NAIL LOCKED TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL FEMORAL CANNULATED ANATOMIC NONCOATED FIXED COMBINE CURVED TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL FEMORAL CANNULATED LONG PROXIMAL TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL HUMERUS CANNULATED PROXIMAL NAIL LOCKED TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL FEMORAL CANNULATED LONG PROXIMAL TITANIUM	32854
NAIL LOCKING SCREW PROXIMAL-DISTAL-SHAFT	37272
END CAP EXTRA SMALL	37272
END CAP SMALL	37272
END CAP ORTA	37272
END CAP LARGE	37272
END CAP EXTRA LARGE	37272
END CAP EXTRA LARGE	37272
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL FEMORAL CANNULATED ANATOMIC NONCOATED FIXED CURVED TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL HUMERUS CANNULATED PROXIMAL NAIL UNLOCKED TITANIUM	32854
INTRAMEDULAR NAIL INTERNAL FIXATION INTRAMEDULAR NAIL LOCKING REAMED NAIL FEMORAL CANNULATED ANATOMIC UNCOATED FIXED CURVED TITANIUM	32854

Meril Endo-Surgery

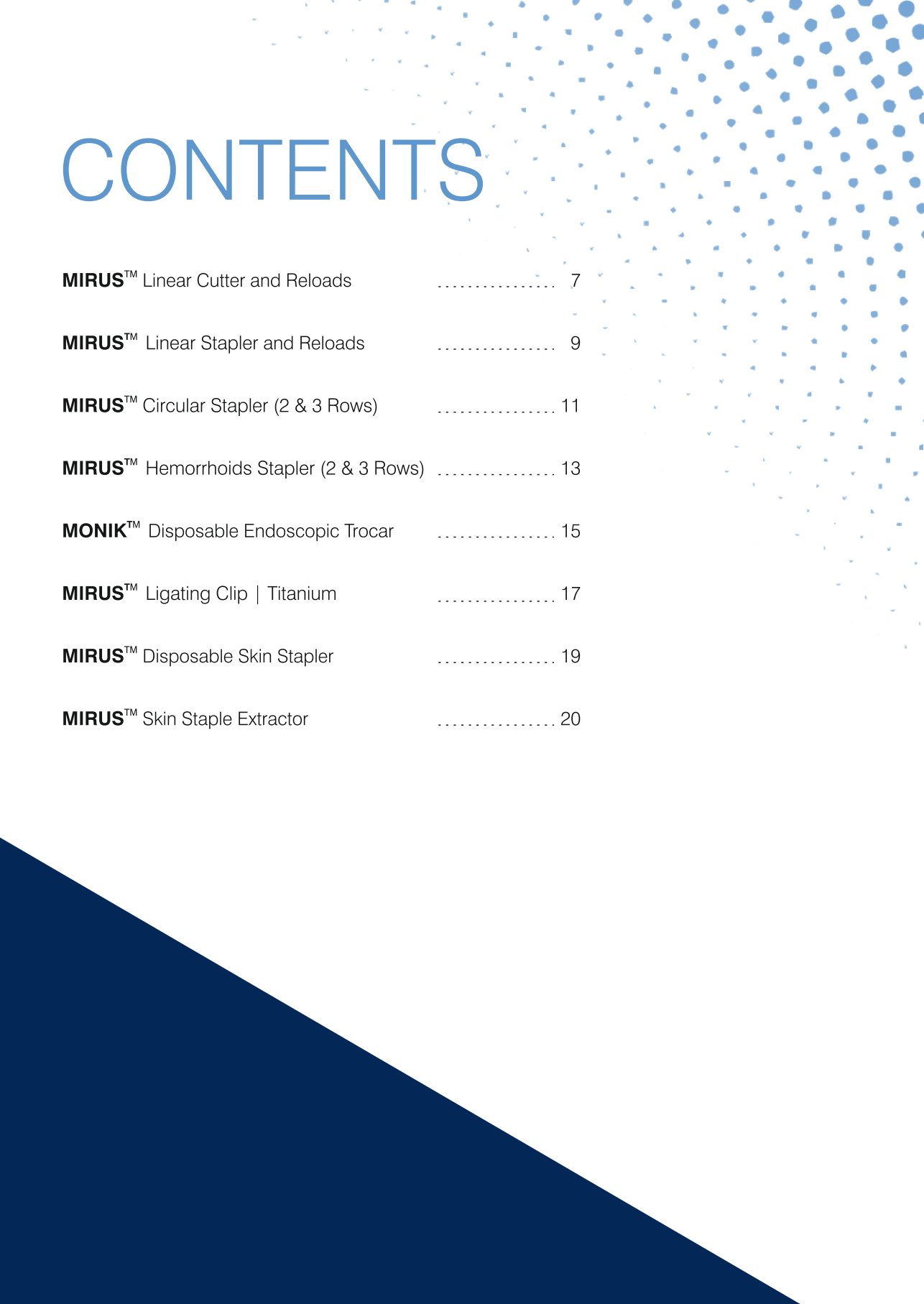
Endo-Mechanical Devices

Meril

Endo-Surgery







CONTENTS

MIRUS™ Linear Cutter and Reloads	7
MIRUS™ Linear Stapler and Reloads	9
MIRUS™ Circular Stapler (2 & 3 Rows)	11
MIRUS™ Hemorrhoids Stapler (2 & 3 Rows)	13
MONIK™ Disposable Endoscopic Trocar	15
MIRUS™ Ligating Clip Titanium	17
MIRUS™ Disposable Skin Stapler	19
MIRUS™ Skin Staple Extractor	20

Infrastructure

Situated on 180 acres of land and built over a 300,000 sq. ft. area, Meril's ISO 13485 certified ultra-modern manufacturing facility is constructed to satisfy the stringent needs of our Cardiovascular, Orthopaedics, Diagnostics and Endo-Surgery businesses, as well as our endeavors.

Fully integrated manufacturing systems ensure backward integration, smooth man-material movement and complete control over processes to eliminate production errors. All manufacturing and sterilization processes are conducted in-house, in addition to analytical, microbiological QA/QC tests required to meet the world class production standards.



Talent

Meril's 4000+ personnel are strong experienced team comprising of designers, engineers, chemists, microbiologists, regulatory affair experts, R&D scientists, clinical affair experts, legal finance, sales and marketing professionals with innovative capabilities. The team is continuously striving towards improving and saving lives every day by providing revolutionary solutions for prevention diagnosis and treatment.

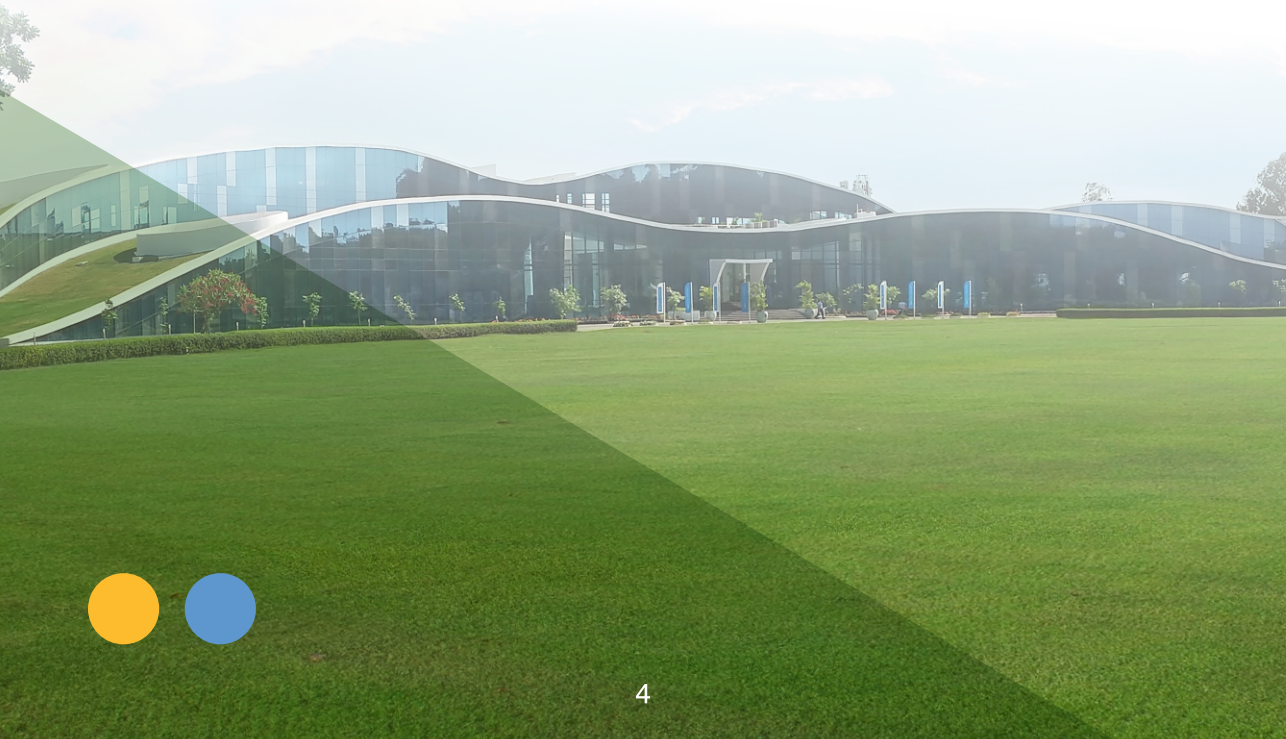


Meril Academy

While innovations and advancements in medical technology play a vital role in contributing to the betterment of a healthy society, a large role also lies in educating and imparting practical hands-on training to doctors, clinicians and other members of the medical fraternity. This initiative will help to bridge the gaps between the available technology, its adoptions and its implementation for superior patient care.

Also, adding value to medical professionals and young medical interns, Meril academy located within the campus of Meril headquarters functions as world class institution and is spread over a massive area of 100,000 sq. ft. and surrounded with lush green natural beauty.





Meril Endo-Surgery

In line with the objective to design and develop novel, clinically relevant, state-of-the-art surgical devices, Meril is expanding its Endo-Surgery portfolio. At Meril, we strive to create and develop products through innovative thinking, cutting edge technologies and collaboration with medical professionals and healthcare organizations, with an aim to identify clinical needs and translate them into market leading solutions.

Meril's vision is to become 'one-stop' solution for surgeons by providing them with an extensive product portfolio comprising of Absorbable & Non-Absorbable Surgical Sutures, Mechanical Closure Devices, Tissue Sealants, Hemostats, Hernia Repair Solutions, Intra-Uterine Devices and Energy Devices.



Meril Endo-Mechanical Devices

Meril Endo-Surgery Pvt Ltd, one of the fastest growing medical device company, introduces its Mechanical Stapling devices for basic and advanced surgical procedures. We have proficiency across product development, manufacturing, sales, customer service and are committed to provide high-quality, reliable products like Surgical Staplers, Trocars, Ligating Clips & Skin stapler. The Mirus™ range of stapling devices offer desired patient outcome with adequate hemostasis and wound security.

Meril Endo-Surgery products are being used in more than 100 countries with the expert clinical support to our customers. We have a rich product pipeline to offer in coming years which includes Endoscopic Linear Cutter, Polymer Ligating Clips, Ultrasonic Energy Devices etc.



MIRUS™

Linear Cutter and Reloads

MIRUS™ Linear Cutter and Reloads are applicable in cutting, transecting and stapling of the alimentary canal, lungs and bronchus tissues and organs. It offers two double staggered rows of titanium staples and simultaneously cuts and staples the tissue. **MIRUS™** Linear Cutter & Reloads are available in 60mm, 80mm & 100mm lengths with two different sizes of staples to accommodate various tissue thicknesses.





New Knife With Every Reload :

Precise transection & avoids cross contamination



Rear Hinge Alignment :

Ease in handling & tissue manipulation



Parallel Jaw Closure :

Uniform compression & consistent staple line formation



Push Button :

Easy unclamping



Dual Side Firing Knob:

Ambidextrous firing & ease of use

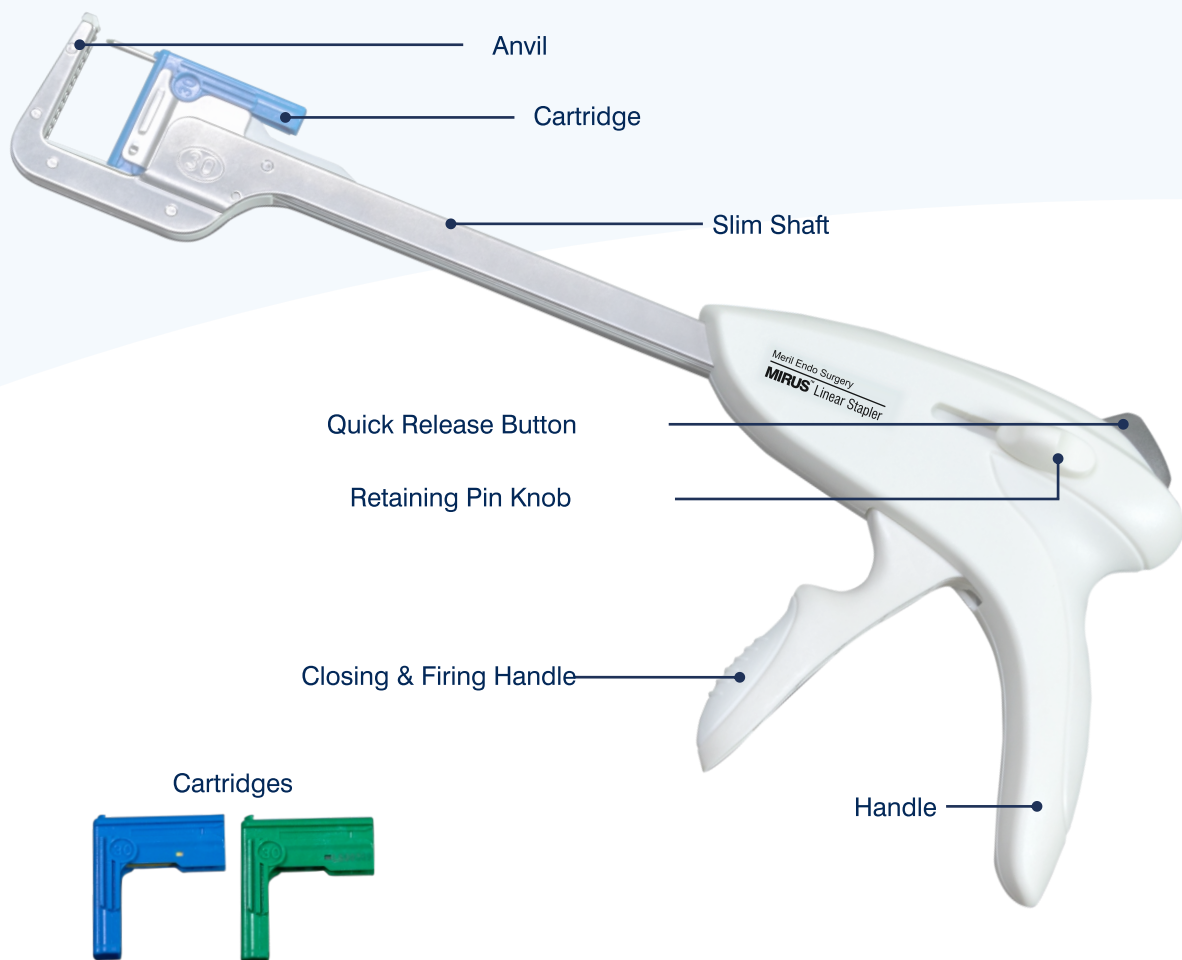
Technical Specifications

Stapler	Description	Reloads	Open Length	Close Length	Color	Number of Firings	Number of Staples	Rows of Staple	Staple Line Length	Cut Length
MLC60	Mirus Disp. Linear Cutter 60	MLCR60-3.8 MLCR60-4.8	3.8 mm 4.8 mm	1.5 mm 2.0 mm	Blue Green	8	64	4	64 mm	60 mm
MLC80	Mirus Disp. Linear Cutter 80	MLCR60-3.8 MLCR60-4.8	3.8 mm 4.8 mm	1.5 mm 2.0 mm	Blue Green	8	84	4	84 mm	80 mm
MLC100	Mirus Disp. Linear Cutter 100	MLCR60-3.8 MLCR60-4.8	3.8 mm 4.8 mm	1.5 mm 2.0 mm	Blue Green	8	104	4	104 mm	100 mm

MIRUSTM

Linear Stapler and Reloads

MIRUSTM Linear Stapler and Reloads have applications in alimentary tract, lungs and bronchi for closure and transection of tissue. It gives two staggered rows of titanium staples in sizes of 30mm, 45mm, 60mm & 90mm with reload units available for both standard tissue (3.5mm) and thick tissue (4.8mm). The device can be fired eight times. It is recommended for single patient use only.



**Dual Function Handle :**

Ease in closure & stapling

**Retaining Pin Knob :**

Ease in tissue repositioning

**Tissue Retaining Pin :**

Avoids tissue slip-outs

**Cutting Guide :**

For safe and precise transection

**Quick Release Button :**

Easy & quick unclamping

Technical Specifications

Stapler	Description	Relods	Color	Open Length	Close Length	Number of Firings	Number of Staples	Rows of Staple	Staple Line Length
MALS30	Mirus Auto Linear Stapler 30	MLSR30-3.5	Blue	3.5 mm	1.5 mm	8	11	2	30 mm
		MLSR30-4.8	Green	4.8 mm	2.0 mm		11	2	30 mm
MALS45	Mirus Auto Linear Stapler 45	MLSR45-3.5	Blue	3.5 mm	1.5 mm	8	15	2	45 mm
		MLSR45-4.8	Green	4.8 mm	2.0 mm		15	2	45 mm
MALS60	Mirus Auto Linear Stapler 60	MLSR60-3.5	Blue	3.5 mm	1.5 mm	8	21	2	60 mm
		MLSR60-4.8	Green	4.8 mm	2.0 mm		21	2	60 mm
MALS90	Mirus Auto Linear Stapler 90	MLSR90-3.5	Blue	3.5 mm	1.5 mm	8	33	2	90 mm
		MLSR90-4.8	Green	4.8 mm	2.0 mm		33	2	90 mm

MIRUSTM

Circular Stapler

MIRUSTM Circular Stapler has applications throughout the alimentary tract for the creation of end-to-end, end-to-side and side-to-side anastomosis in both open and endoscopic surgeries. The design offers adequate lumen with a series of cutting diameters from 12mm to 22mm. The adjustable staple height technology assures minimal tissue tension and controlled compression besides a reliable tactile and audible feedback while firing.

MIRUSTM Circular Stapler is available in conventional 2 row and the new 3 row staple line design. The 3 row design deploys an additional third row of staples offering better wound security and adequate hemostasis.





Tissue Compression Scale:

Visual feedback while firing



Adjustable Staple Height :

Accommodate varied tissue thickness



Wing Nut Knob :

Controlled compression & tactile feedback



White Teflon Cutting Washer :

Distinct audible feedback



Safety Lock :

Avoids inadvertent firing

Technical Specifications

Stapler	Description	Open Length	Close Length	Cutting Diameter	Head Diameter	Rows of Staples	Staple Quantity
MCS-21R3	Mirus Disp. Circular Stapler 3row 21	4.5 mm	1.0-2.5 mm	12	21	3	27
MCS-24R3	Mirus Disp. Circular Stapler 3row 24	4.5 mm	1.0-2.5 mm	15	24	3	33
MCS-25R3	Mirus Disp. Circular Stapler 3row 25	4.5 mm	1.0-2.5 mm	16	25	3	33
MCS-26R3	Mirus Disp. Circular Stapler 3row 26	4.5 mm	1.0-2.5 mm	17	26	3	33
MCS-29R3	Mirus Disp. Circular Stapler 3row 29	4.5 mm	1.0-2.5 mm	20	29	3	36
MCS-32R3	Mirus Disp. Circular Stapler 3row 32	4.5 mm	1.0-2.5 mm	22	32	3	42
MCS-24	Mirus Disp. Circular Stapler 24	4.5 mm	1.0-2.5 mm	15	24	2	18
MCS-25	Mirus Disp. Circular Stapler 25	4.5 mm	1.0-2.5 mm	16	25	2	20
MCS-26	Mirus Disp. Circular Stapler 26	4.5 mm	1.0-2.5 mm	17	26	2	20
MCS-29	Mirus Disp. Circular Stapler 29	4.5 mm	1.0-2.5 mm	20	29	2	24
MCS-32	Mirus Disp. Circular Stapler 32	4.5 mm	1.0-2.5 mm	22	32	2	30

MIRUSTM

Hemorrhoids Stapler

MIRUSTM Hemorrhoids Stapler is applied in general surgical treatment of prolapse and hemorrhoids by transanal stapling and resection of prolapsed hemorrhoids. **MIRUSTM** Hemorrhoids Stapler is a complete kit for Minimally Invasive Procedure for Prolapsed Hemorrhoids (MIPH) which includes a circular anal dilator, anoscope, suture threader, obturator and purse string suture.

MIRUSTM Hemorrhoids Stapler is available in conventional 2 row and the new 3 row staple line design. The 3 row design deploys an additional third row of staples offering wound better security and adequate hemostasis.





Tissue Compression Indicator :

Adjustable staple height (0.75mm to 1.5mm)



Conduits :

Controlled traction & even doughnut excision



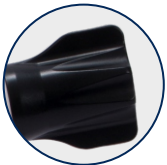
Anvil Tip & Shaft :

Fix stainless steel anvil shaft enhances mechanical stability



Safety Lock :

Prevents inadvertent firing



Wing Nut :

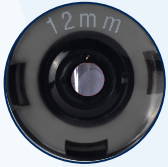
Offers control & dexterity

Technical Specifications

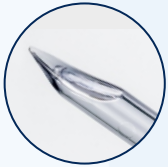
Stapler	Description	Open leg Length	Close Leg Length	Number of Staples	Rows of Staple
MPPH34R3	Mirus Disp. PPH 3Row 34	3.5	0.75 - 1.5 mm	48	3
MPPH32	Mirus Disp. PPH 32	3.5	0.75 - 1.5 mm	32	2
MPPH34	Mirus Disp. PPH 34	3.5	0.75 - 1.5 mm	32	2

MonikTM Disposable Endoscopic Trocar has applications in abdominal, thoracic and gynecologic minimally invasive surgical procedures to establish a path of entry for endoscopic instruments. The trocar may be used with or without visualization for primary and secondary insertions.



**Optical Entry :**

Enables visualization of tissue layers during insertion

**Bird Wing Tip :**

Separates the tissue rather than cutting it

**Inner & Outer Seal :**

Maintains insufflation & accepts a wide range of instruments sizes

**Stability Thread :**

Abdominal wall retention for minimal trocar slip-outs

**Obturator :**

Robust design for insertion in abdominal wall with less force

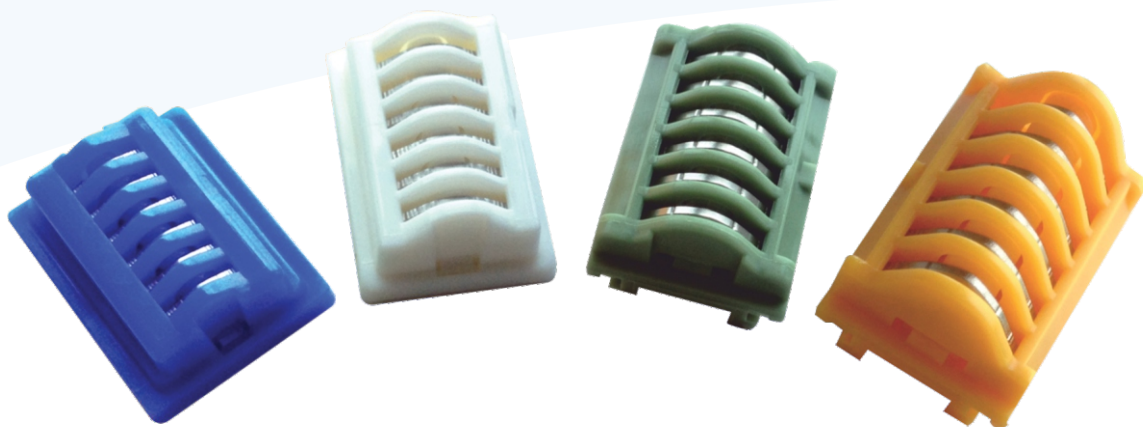
Technical Specifications

Stapler	Description	Sleeve Length	Sleeve Type
MNK-5	Bladeless Trocar, 5 mm diameter	95 mm	Stability
MNK-10	Bladeless Trocar, 10 mm diameter	95 mm	Stability
MNK-12	Bladeless Trocar, 12 mm diameter	95 mm	Stability
MNK-15	Bladeless Trocar, 15 mm diameter	110 mm	Stability

MIRUSTM Ligating Clip is intended to securely grip the vessel or tissue to provide complete occlusion atraumatically. Mirus Ligating Clip applicator allows the end user to ligate a wide range of vessels and tissue structures.

Key Features :

- Lateral & Transverse grooves allow secure fixation on the structure and increase resistance to dislodgement.
- Triangulated cross section maximises surface contact between clip & jaw.
- Precise tip to tip closure with firm vessel grip.



Available as:

Clip Size : Small, Medium, Medium-Large, Large
 Clips/Cartridges : 6
 Cartridges/Box : 20
 Clips/Box : 120
 Product Code : MLT100, MLT200, MLT300, MLT400

Ligation Clips	Titanium
Procedure Application	Blood vessel ligation for hemostasis



Appliers for Open Surgery:**Technical Specifications**

Product	Product code	Specification	Length	Applicator size	Clips compatibility
Applicator-Open	FTOA-10015	OPEN APPLICATOR 100-15CM	15 cm	Small	MLT100
Applicator-Open	FTOA-10020	OPEN APPLICATOR 100-20CM	20 cm	Small	MLT100
Applicator-Open	FTOA-10028	OPEN APPLICATOR 100-28CM	28 cm	Small	MLT100
Applicator-Open	FTOA-20015	OPEN APPLICATOR 200-15CM	15 cm	Medium	MLT200
Applicator-Open	FTOA-20020	OPEN APPLICATOR 200-20CM	20 cm	Medium	MLT200
Applicator-Open	FTOA-20028	OPEN APPLICATOR 200-28CM	28 cm	Medium	MLT200
Applicator-Open	FTOA-30015	OPEN APPLICATOR 300-15CM	15 cm	Medium-Large	MLT300
Applicator-Open	FTOA-30020	OPEN APPLICATOR 300-20CM	20 cm	Medium-Large	MLT300
Applicator-Open	FTOA-30028	OPEN APPLICATOR 300-28CM	28 cm	Medium-Large	MLT300
Applicator-Open	FTOA-40015	OPEN APPLICATOR 400-15CM	15 cm	Large	MLT400
Applicator-Open	FTOA-40020	OPEN APPLICATOR 400-20CM	20 cm	Large	MLT400
Applicator-Open	FTOA-40028	OPEN APPLICATOR 400-28CM	28 cm	Large	MLT400

Appliers for Laparoscopic Surgery:**Technical Specifications**

Product	Product code	Specification	Length	Applicator size	Compatible Clips	Shaft Diameter	Compatible Trocar
Applicator-Endo	FTEA-00300	LAPAROSCOPIC APPLICATOR 300	34 cm	Medium-Large	MLT300	10 mm	10 mm & above
Applicator-Endo	FTEA-00400	LAPAROSCOPIC APPLICATOR 400	34 cm	Large	MLT400	10 mm	10 mm & above

Optimum Wound Approximation & Healing

MIRUSTM Disposable Skin Stapler with 316L stainless steel staples has the application in abdominal, gynecological, orthopedic, and thoracic surgery for skin closure. Also, it could be used for variety of skin closures. After wound approximation and healing, these stainless steel staples are then removed by using a Skin Staple Extractor.

	Benefits:
Ergonomic design	Easy handling for desired result
Optimum leg length	Clasp thicker tissues
Transparent housing with Indicator	Enhance staple count visibility
Adequate staple crown length	Secures wider wounds



Staple material: 316L Stainless steel
Sterilisation: Ethylene oxide
Packaging: 8 Pcs/Box

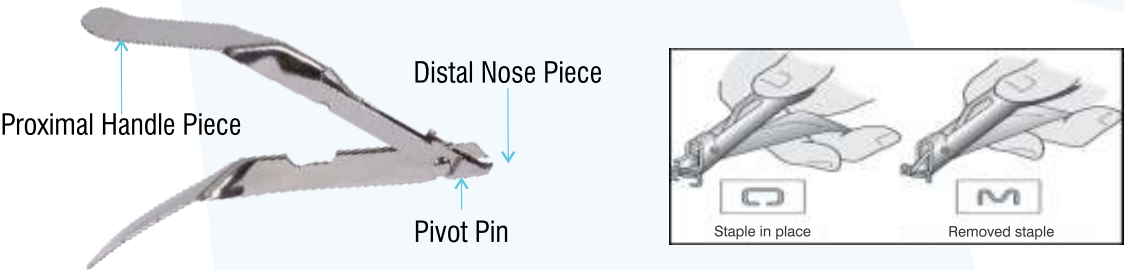
Code: MSS35
Size: 35
Staples: Wide

Larger diameter wire, greater width and extra staple height lead to secure wound closure

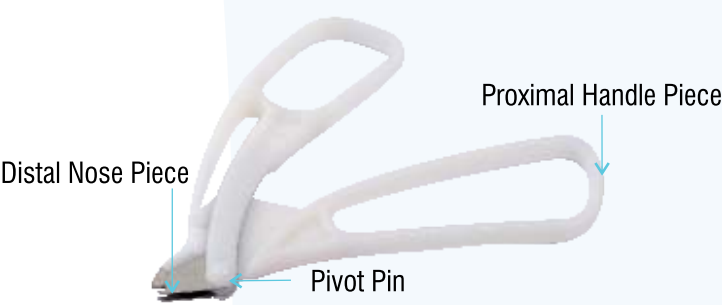
MIRUSTM Skin Staple Extractor has two pivotally connected arms, each of which is made up of a proximal handle piece and a distal nose piece, held together by a single pivot pin. The handle and nose pieces of each arm interfit with one another so that both pieces of each arm pivot as a unit about the pivot pin. The nose piece of a first arm includes two, small, laterally spaced members which can be slipped under the backspan of a surgical staple to be removed. The nose piece of the second arm includes a single member which is initially between and above the two laterally spaced members. When the arms are manually squeezed together, the single member bends the center of the staple backspan down between the laterally spaced members and pivots the legs of the staple out of the tissue.

MIRUS Skin Staple Extractor offers Reliable Strength for Safe & Secure Skin Staple Extraction.

Metal Skin Stapler Extractor



Plastic Skin Staple Extractor



Material	Material Description	Base Unit of Measure
SSEXT	Metal Skin Stapler Extractor	EA
SSRM	Plastic Skin Staple Extractor	EA

Please Contact Our Local Representative

Name: _____

Mob: _____

Email: _____



Note :

Note :

Meril

Endo-Surgery

Meril's Global Presence

Meril Tibbi Cihazlar

İmalat ve Ticaret A.Ş.
İçerenköy Mah. Çetinkaya Sok.
Prestij Plaza No:28, Kat:4 Ataşehir,
34752 İstanbul / Turkey
T : +90 216 641 44 24
F : +90 216 641 44 25

Meril Medical LLC.
Nauchnyi Proezd 19,
Moscow , Russia – 117 246.
Office - +7 495 772 7643

Meril UK
2nd Floor, 55 Ludgate Hill,
London UK, EC4M 7JW

Meril GmbH

Bornheimer Strasse 135-137,
D-53119 Bonn.
Germany.
T : +49 228 7100 4000
F : +49 228 7100 4001

Meril, Inc.

2436 Emrick Boulevard,
Bethlehem, PA - 18020
T : (610)500-2080
F : (610)317-1672

Meril South America

Doc Med LTDA
Alameda dos Maracatins 992,
Edifício Aquarius, Andar 8,
Bloco B, Moema - CEP -04089001,
Sao Paulo, SP, Brazil.
T : +55 11 2506 3624

EU Representative

Obelis S.A.Bd, General Wahis 53,
1030, Brussels, Belgium.
T : +32 2 732 5954
F : +32 2 732 6003
E : mail@obelis.net

Meril SA Pty Ltd

102, 104, S101 and S102, Boulevard
West Office Park, 142 Western
Service Road, Erf 813
Woodmead Extension 17 Sandton,
Johannesburg – 2191 South Africa
T : +27 11 465-2049
F : +27 86 471 7941

Meril Endo Surgery Pvt. Ltd

Third Floor E1-E3, Meril Park,
Survey Number 135/2/B & 172/2
Muktanand Marg, Chala,
Vapi 396 191, Gujarat. India.
T : +91 260 240 8000
E : askinfo@merillife.com

Meril China Co. Ltd

2301b,23f, Lixin Plaza,
no 90, South Hubin Road,
Xiamen, China.
T : 0086-592-5368505
F : 0086-592-5368519

Meril Bangladesh Pvt. Ltd

Union Heights-01,
55-2, Bir Uttam Qazi
Nuruzzaman Sarak,
West Panthapath,
Dhaka-1205, Bangladesh
T : + 88 02 9122714/24

Meril Australia Pty. Ltd

Level 14, 60 Martin Place
Sydney NSW 2000, Australia
T : +61 28248 5800
F : +61 28248 5899

Meril Life Sciences Pvt. Ltd.

301, A - Wing, Business Square,
Chakala, Andheri Kurla Road,
Andheri East, Mumbai 400 093
T : +91 22 5035 4700

E askinfo@merillife.com

W www.merillife.com

For more information, Please contact your local representative.

Please see the package insert for complete device description, product selection information, indications, contraindications, precautions, adverse effects, warning, materials, sterilization and patient guidance associated with the Endo-Surgery Products.

EC CERTIFICATE

According to Annex II of the Directive 93/42/EEC on Medical Devices

Full Quality Assurance System

Certificate Number: 2195-MED-2012001

Manufacturer:

MERIL ENDO SURGERY PVT. LTD.

Head Office Third Floor, E1-E3, Meril Park, Survey No. 135/2/B & 174/2,
& Factory I: Muktanand Marg, Chala, Vapi – 396 191, Gujarat, INDIA
Factory II: Plot. No. 688 / 10 & 11, Siddhivinayak Industrial Estate,
Somnath Road, Daman – 396210, INDIA

Product(s):

Sterile Single Use Endo Mechanical Products

Model(s):

1. MIRUS™ Endoscopic Linear Cutter and Reloads
2. MIRUS™ Linear Stapler and Reloads
3. MIRUS™ Linear Cutter and Reloads
4. MIRUS™ Circular Stapler
5. MIRUS™ Hemorrhoids Stapler
6. MIRUS™ Disposable Skin Stapler
7. MONIK™ Disposable Endoscopic Trocar

Reference Report No: MM0755-P002-R01, MM0755-P002-R02

Szutest, Notified Body 2195, declares that the aforementioned manufacturer has implemented a quality assurance system according to Annex II (excluding section 4), Section 3 of the directive 93/42/EEC on medical devices. This quality assurance system covers those aspects of manufacturing concerned with securing and maintaining safe conditions of the respective product(s) and conforms to the provisions of this Directive. The approved quality system is subject to surveillance pursuant to Annex II, Section 5 of Directive 93/42/EEC and unannounced audits.

Szutest must be informed of any significant changes in the design and/or construction of the product(s). For class I devices with sterile conditions the quality management system evaluation is restricted to the aspects of manufacture concerned with securing and maintaining sterile conditions. For class I devices with measuring function the quality management system evaluation is restricted to the aspects of manufacture concerned with the conformity of the devices with metrological requirements.

This EC certificate is valid till 2024-05-26.

Issue Date:

2020-04-29



Rukiye BALKAN
Deputy General Manager



FloSeal
Hemostatic Matrix

Cardiac Surgery Procedural Primer

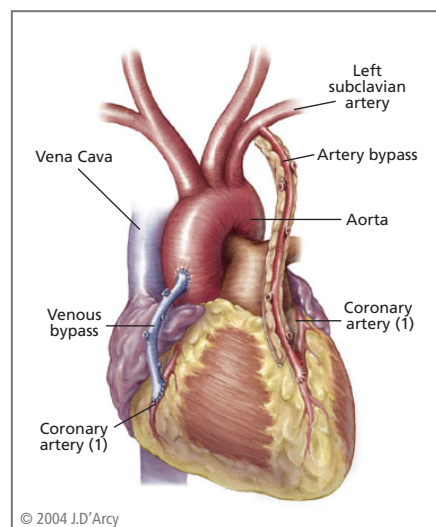
Most Common Surgical Procedures

Note that active bleeding must be present for FLOSEAL Hemostatic Matrix to work.

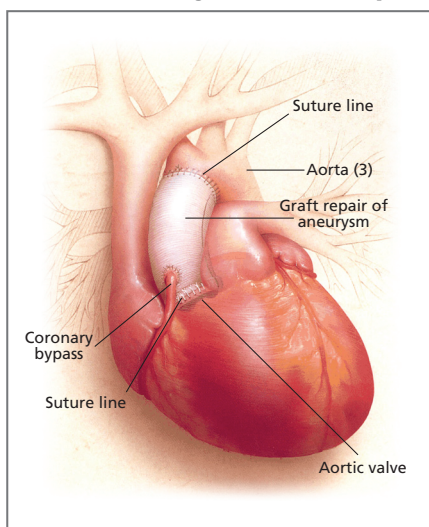
Surgery	Description	Potential Areas of Bleeding
Coronary artery bypass graft (CABG)	Using a segment of a vein or artery to bypass blocked coronary arteries.	Sternal edge/marrow bleeding, vein or artery harvesting, epicardial bleeding, suture line bleeding, endoscopic vein harvesting
Open valve replacement or repair	Repair of damaged heart valves or replacement with animal or synthetic valves. Approximately two to three 5 mL kits are typically used.	Sternal edge/marrow bleeding, active suture line bleeding
Heart transplantation	Removal and replacement of a failing heart with a donor heart.	Sternal edge/marrow bleeding, active suture line bleeding
Aortic arch aneurysm/root repair	Repair of defects in the aorta, the major arterial vessel exiting the heart.	Sternal edge/marrow bleeding, active suture line bleeding
Implantation of pacemaker, defibrillator (ICD), ventricular assist device (VAD)	Placement of implantable devices in or around the heart.	Sternal edge/marrow bleeding, active suture line bleeding, implantation pocket
Carotid endarterectomy (CEA)	Removal of plaque from the carotid artery in the neck, followed by closure, graft, or patch.	Active suture line bleeding

FLOSEAL Hemostatic Matrix can be used wherever there is active bleeding (when not on bypass) and to achieve hemostasis at sites of surgical bleeding that may be difficult or impractical to control using standard techniques, such as sternal edges, suture lines, vein harvest sites, and diffusely oozing fields.

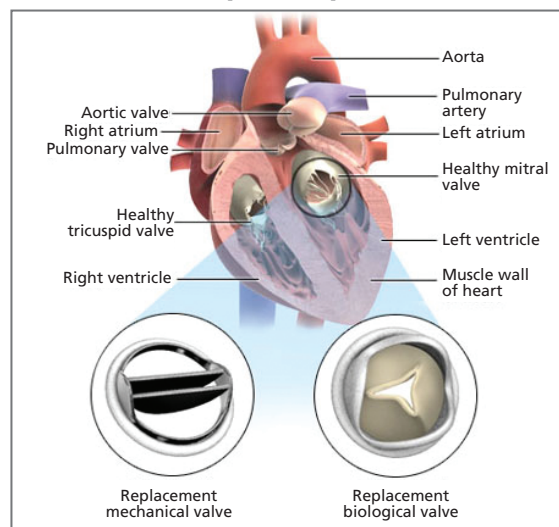
CABG



Aortic Aneurysm/Root Repair



Valve Repair/Replacement



Application	Benefits of Using FLOSEAL Hemostatic Matrix in Cardiac Surgery
Sternal edge bleeding	1. Cautery can damage tissue and may increase the risk of infection. ¹ Using FLOSEAL eliminates the risk of infection and tissue damage with cautery. 2. FLOSEAL replaces the need to place bone wax into the matrices. FLOSEAL has a much different consistency than bone wax. Bone wax is a passive barrier; FLOSEAL is an active hemostat. Using bone wax, which doesn't break down, may impede healing, migrate, and elicit chronic inflammatory reactions. ²⁻⁴ Using FLOSEAL may mitigate these issues.
Saphenous vein harvesting	On endoscopic procedures, the laparoscopic applicator can be utilized to reach down the tunnel (superior and inferior). Due to the length of the laparoscopic applicator and flowable nature of FloSeal, this allows hemostasis to be achieved in an area that would otherwise be difficult. Using FLOSEAL in this application may reduce infection rates, hematomas, and bruising and may improve postop ambulation.
Epicardial bleeding/running suture line	In this situation, cautery and sutures may not be sufficient. If bleeding is aggressive, then FLOSEAL should be used as an additional method of hemostasis.

FOR INTERNAL USE ONLY



Baxter



Floseal
Matrice hemostatică

Bază procedurală pentru chirurgia cardiacă

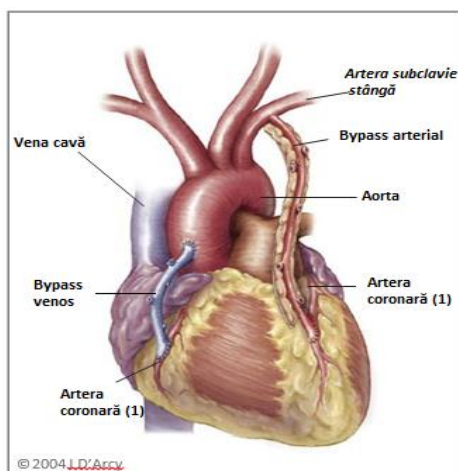
Cele mai frecvente proceduri chirurgicale

Notă: Pentru ca matricea hemostatică Floseal să aibă efect, trebuie să existe o sângerare activă.

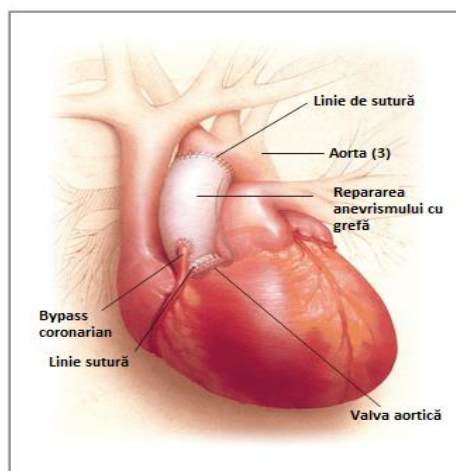
Chirurgie	Descriere	Zone cu potential de sângerare
Bypass aorto-coronarian cu grefă (CABG)	Utilizarea unui segment al unei vene sau artere pentru a fi grefate pe arterele coronare blocate.	Sângerare la marginea sternului/măduvei, la recoltarea venelor sau arterelor, sângerarea epicardică, sângerarea liniei de sutură, sângerarea la recoltarea endoscopică a venelor
Înlocuirea sau repararea valvei deschise	Repararea valvelor cardiace deteriorate sau înlocuirea cu valve de origine animală sau sintetice. Se folosesc de obicei aproximativ două - trei kituri de 5 mL.	Sângerare la marginea sternului/măduvei, sângerarea activă a suturii
Transplantul de inimă	Îndepărtarea și înlocuirea unei inimi nefuncționale cu o inimă de la un donator.	Sângerare la marginea sternului/măduvei, sângerare activă a suturii
Anevrismul arcului aortic/repararea rădăcinii aortice	Repararea defectelor aortei, principalul vas arterial care iese din inimă.	Sângerare la marginea sternului/măduvei, sângerare activă a suturii
Implantarea stimulatorului cardiac, defibrilatorului (ICD), dispozitivului de asistare ventriculară (VAD)	Amplasarea dispozitivelor implantabile în inimă sau în jurul acesteia.	Sângerare la marginea sternului/măduvei, sângerare activă a suturii, buzunarul de implantare
Enderectomia carotidiană (CEA)	Îndepărtarea plăcii din artera carotidă în gât, urmată de închidere, grefă sau petece.	Sângerarea activă a liniei de sutură

Matricea hemostatică FLOSEAL poate fi utilizată oriunde există sângeri active (când nu este pe bypass) și pentru obținerea hemostazei în zonele cu sângerare chirurgicală unde controlul sângerării folosind tehnici standard poate fi dificil sau impracticabil, cum ar fi marginile sternale, liniile de sutură, zonele de recoltare a venelor, și zone cu scurgere lentă.

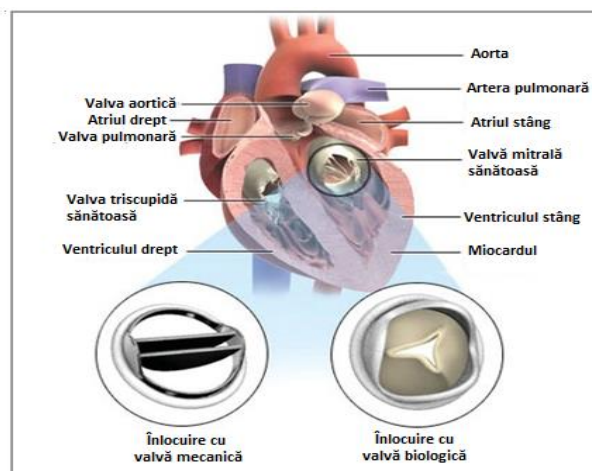
CABG



Anevrism aortic / Repararea rădăcinilor aortice



Reparare valvă/înlocuire

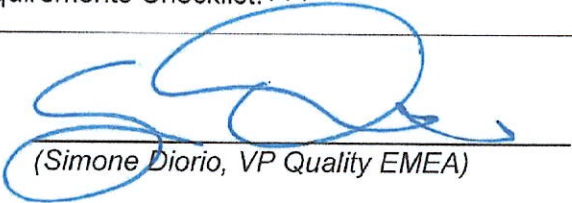


Aplicație	Beneficiile utilizării Matricei hemostatice FLOSEAL în chirurgia cardiacă
Sângerarea marginii sternale	1. Cauterizarea poate deteriora țesuturile și poate crește riscul de infecție. ¹ Utilizarea matricei hemostatice FLOSEAL elimină riscul de infecție și deteriorarea țesuturilor prin cauterizare. 2. FLOSEAL înlocuiește necesitatea de a plasa ceața osoasă în matrice. FLOSEAL are o consistență mai diferită decât ceața osoasă. Ceața osoasă este o barieră pasivă; FLOSEAL este un agent hemostatic activ. Utilizarea cerii osoase, care nu se descompune, poate împiedica vindecarea, poate migra și astfel să provoace reacții inflamatorii cronice. ²⁻⁴ Utilizarea FLOSEAL poate atenua aceste probleme.
Recoltare porțiuni de venă safenă	La procedurile endoscopice, aplicatorul laparoscopic poate fi utilizat pentru a ajunge la tunelul (superior și inferior). Datorită lungimii aplicatorului laparoscopic și a funcției curgătoare a agentului hemostatic Floseal, se permite obținerea hemostazei într-o zonă în care de altfel ar fi dificil de realizat. Utilizarea agentului hemostatic FLOSEAL în acest domeniu de aplicare poate reduce rata de infecție, hematoamele și vânătăile și poate îmbunătăți ambulația postoperatorie.
Sângerarea venelor epicardice/liniilor de sutură continue	În această situație, cauterizarea și suturile s-ar putea dovedi insuficiente. Dacă sângerarea este agresivă, atunci FLOSEAL trebuie utilizat ca metodă suplimentară de hemostază.

NUMAI PENTRU UZ INTERN

Baxter

Declaration of Conformity

According to:	Council Directive 93/42/EEC (MDD)
Annexes:	II, section 4* and II, excluding 4
Notified Body Certificate(s):	G7AO 062680 106 Rev.01* G1 062680 0156 Rev.00
Notified Body's name and address:	TÜV SÜD Product Service GmbH Ridlerstraße 65 80339 Munich Germany
Notified Body's identification number:	0123
Manufacturer's name:	Baxter Healthcare SA
Manufacturer's address:	8010 Zürich Switzerland
EC Representative's address:	not applicable
+++We declare under our sole responsibility that the following product(s) conform to the applicable provisions of the above-mentioned Directive:+++	
Product Family/Category: Non-Active Implants, Sterile Hemostatic Sealant of Animal and Human Origin*, Non-Active Implants, Sterile Hemostatic Sealant of Animal and Human Origin, Surgical Sealant	
Code Numbers:	See "CE Marked Product Code List"
+++This declaration is made on the following basis:	
• The validity of this document shall not start earlier than the validity date of the corresponding EC Certificate. • The DOC declares conformity to all product lots released within the above validity period. • For Class I non-sterile / non-measuring: self-declaration of conformity. • Compliance to standards and regulations as defined in the Technical Documentation and Essential Requirements Checklist.+++	
Signature:	 (Simone Diorio, VP Quality EMEA)
	<u>Zurich 21 Apr 2020</u> (Place, Date)

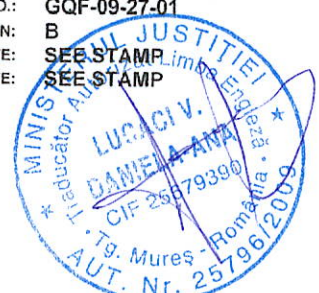
PARENT DOCUMENT(S): GQP-09-27
(current rev.)

OWNER CODE: GQC

Page 1 of 1

BAXTER CONFIDENTIAL - INTERNAL USE ONLY

FORM NO.: GQP-09-27-01
REVISION: B
ISSUE DATE: SEE STAMP
EFFECTIVE DATE: SEE STAMP





Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08



Product Service

EC Certificate

EC Design-Examination Certificate

Directive 93/42/EEC on Medical Devices (MDD), Annex II (4)
(Devices in Class III)

No. G7AO 062680 0106 Rev. 01

Manufacturer:

Baxter Healthcare SA

8010 Zürich
SWITZERLAND

Product:

**Non-Active Implants
Sterile Hemostatic Sealant of
Animal/Human Origin**

The Certification Body of TÜV SÜD Product Service GmbH declares that a design examination has been carried out on the respective devices in accordance with the directive 93/42/EEC Annex II (4) and Regulation (EU) 722/2012 on medical devices manufactured utilizing tissues of animal origin. The design of the devices conforms to the requirements of the Directive and the Regulation. If a certificate of the European Directorate for the Quality of Medicines (EDQM) has been issued for the respective material of animal origin, the validity of our certificate is associated with the validity of the EDQM certificate. Any changes of the EDQM certificate need to be reported immediately to TÜV SÜD Product Service GmbH by a change notification. For marketing of these devices an additional Annex II without (4) certificate is mandatory. See also notes overleaf.

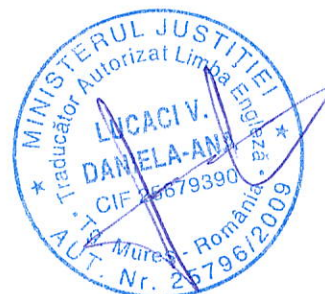
Report no.: 713153955

Valid from: 2020-04-15

Valid until: 2024-05-26

Date, 2020-04-15

Christoph Dicks
Head of Certification/Notified Body





Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08



Product Service

EC Certificate

EC Design-Examination Certificate

Directive 93/42/EEC on Medical Devices (MDD), Annex II (4)
(Devices in Class III)

No. G7AO 062680 0106 Rev. 01

Model(s):

In accordance with the Directive 2000/70/EC on
medical devices incorporating stable derivatives
of human blood or human plasma

Floseal Hemostatic Matrix, 5 ml

(Floseal VH S/D)

Floseal Hemostatic Matrix, 10 ml

(Floseal VH S/D)

Parameters:

- 1503353 5 ml
- 1503354 10 ml





Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08



Product Service

EC Certificate

Full Quality Assurance System

Directive 93/42/EEC on Medical Devices (MDD), Annex II excluding (4)
(Devices in Class IIa, IIb or III)

No. G1 062680 0156 Rev. 00

Manufacturer:

Baxter Healthcare SA

8010 Zürich
SWITZERLAND

**Product Category(ies): Non-Active Implants
Sterile Hemostatic Sealant of Animal
and Human Origin,
Surgical Sealant**

The Certification Body of TÜV SÜD Product Service GmbH declares that the aforementioned manufacturer has implemented a quality assurance system for design, manufacture and final inspection of the respective devices / device categories in accordance with MDD Annex II. This quality assurance system conforms to the requirements of this Directive and is subject to periodical surveillance. For marketing of class III devices an additional Annex II (4) certificate is mandatory. See also notes overleaf.

Report No.: 713154001

Valid from: 2020-03-24

Valid until: 2024-05-26

Date, 2020-03-24

Christoph Dicks
Head of Certification/Notified Body

Page 1 of 1

TÜV SÜD Product Service GmbH is Notified Body with identification no. 0123

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany



TUV®

Declarație de conformitate

În conformitate cu: Directiva Consiliului 93/42/CEE (MDD)
Anexele: II, secțiunea (4) * și II, cu excepția (4)
Certificatul (certIFICATELE) Organismului Notificat: G7AO 062680 0106 Rev 01 * G1 062680 0156 Rev 00
Numele și adresa organismului notificat: TÜV SÜD Product Service GmbH Riedlerstraße 65 80339 München Germany Numărul de identificare al organismului notificat: 0123
Numele producătorului: Baxter Healthcare SA
Adresa producătorului: 8010 Zurich Elveția
Adresa reprezentantului UE: nu se aplică
+++ Declarăm pe propria răspundere că următorul (următoarele) produs (e) este (sunt) conform (e) cu dispozițiile aplicabile ale directivei menționate mai sus: +++
Familia de produse/Categorie: Implanturi inactive, Sigilant chirurgical* Implanturi inactive, Sigilant hemostatic steril de origine animală și umană, sigilant chirurgical
Numere de cod: A se vedea "Lista cu coduri de marcaj CE"
+++ Această declarație se întocmește pe următoarele fundamente: • Validitatea acestui document nu va începe mai înainte de validitatea certificatului CE analog. • Declarația de conformitate declară conformitatea tuturor loturilor de produse eliberate în limita perioadei de valabilitate. Pentru Clasa I nesterile/nemăsurare: declarație de conformitate pe propria răspundere • Conformitatea cu standardele și reglementările definite în Lista de verificare a documentației tehnice și a cerințelor esențiale+++

Semnătură: [semnătură indescifrabilă]
(Simone Diorio, Vicepreședinte Calitate EMEA)

Zurich, 21 aprilie 2020
(Locul, data)

DOCUMENT PRINCIPAL: GQP-09-27 Pagina 1 din 1
(revizia curentă)
COD DE PROPRIETATE; GQC

FORMULARUL nr. GQP-09-27-01
REVIZUIREA: B
DATA ELIBERĂRII: a se vedea ștampila
DATA INTRĂRII ÎN VIGOARE: a se vedea
ștampila

CONFIDENTIAL – pentru uz intern

Subsemnata, **LUCACI Daniela Ana**, interpret și traducător autorizat pentru limba engleză, în temeiul autorizației nr. **25796** din data de **2009** eliberată de **Ministerul Justiției din România**, certific exactitatea traducerii efectuate din limba engleză în limba română, că textul prezentat a fost tradus complet, fără omisiuni și că prin traducere, înscrisului nu i-a fost denaturat conținutul și sensul.

Lucaci Daniela Ana – Traducător autorizat





Benannt durch/Designated by
Zentralstelle der Länder
für Gesundheitsschutz
bei Arzneimitteln und
Medizinprodukten
www.zlg.de
ZLG-BS-244.10.08



Product Service

CERTIFICAT CE

Certificat CE de examinare a proiectului

Directiva 93/42/CEE privind dispozitivele medicale (DDM) Anexa II (4)
(Dispozitive Clasa III)

Nr. G7AO 062680 0106 Revizia 01

Producător: **Baxter Healthcare SA**

8010 Zürich
ELVEȚIA

Produs: **Implanturi inactive**
Sigilant hemostatic steril de origine animală/umană

Organismul de certificare al TÜV SÜD Product Service GmbH declară că s-a efectuat o examinare de proiectare a dispozitivelor menționate în conformitate cu Directiva 93/42/CEE Anexa II (4) și Regulamentul (UE) 722/2012 privind dispozitivele medicale realizate prin utilizarea țesuturilor de origine animală. Proiectarea dispozitivelor respectă cerințele directivei și ale regulamentului. În cazul în care s-a emis un certificat de la Direcția Europeană pentru Calitatea Medicamentelor (EDQM) pentru materialul respectiv de origine animală, valabilitatea certificatului nostru este asociată cu valabilitatea certificatului EDQM. Orice modificare a certificatului EDQM trebuie raportată imediat către TÜV SÜD Product Service GmbH printr-o notificare de modificare. Pentru comercializarea acestor dispozitive este obligatorie un Certificat suplimentar - Anexa II cu excepția (4). A se vedea, de asemenea, notele de pe verso.

Raport nr. 713153955

Valabil de la: 15.04.2020

Valabil până la: 26.05.2024

Data: 15.04.2020

[semnătură indescifrabilă]

Christoph Dicks

Director certificări/Organism Notificat

Pag 1 din 2

TÜV SÜD Product Service GmbH este un Organism Notificat cu nr. 0123

TÜV SÜD Product Service GmbH * Zertifizierstelle* Ridlerstraße 65*80339 München* Germania





Benannt durch/Designated by
 Zentralstelle der Länder
 für Gesundheitsschutz
 bei Arzneimitteln und
 Medizinprodukten
 www.zlg.de
 ZLG-BS-244.10.08



Product Service

CERTIFICAT CE

Directiva 93/42/CEE privind dispozitivele medicale (DDM) Anexa II (4)
(Dispozitive Clasa III)

Nr. G7AO 062680 0106 Revizia 01

Model (e): În conformitate cu Directiva 2000/70/CE privind dispozitivele medicale care încorporează
 derivate stabile de sânge uman sau plasmă umană

Matrică hemostatică Floseal, 5 ml
 (Floseal VH S/D)
 Hemostatic Matrix Floseal,
 10 ml (Floseal VH S/D)

Parametri: -1503353 5 ml
 -1503354 10 ml

Pag 2 din 2

TÜV SÜD Product Service GmbH * Zertifizierstelle* Ridlerstraße 65*80339 Munchen* Germania



Subsemnata, **LUCACI Daniela Ana**, interpret și traducător autorizat pentru limba engleză, în temeiul autorizației nr. **25796** din
 data de **2009** eliberată de **Ministerul Justiției din România**, certific exactitatea traducerii efectuate din limba engleză în limba română, că
 textul prezentat a fost tradus complet, fără omisiuni și că prin traducere, înscrisului nu i-a fost denaturat conținutul și sensul.

Lucaci Daniela Ana – Traducător autorizat



