

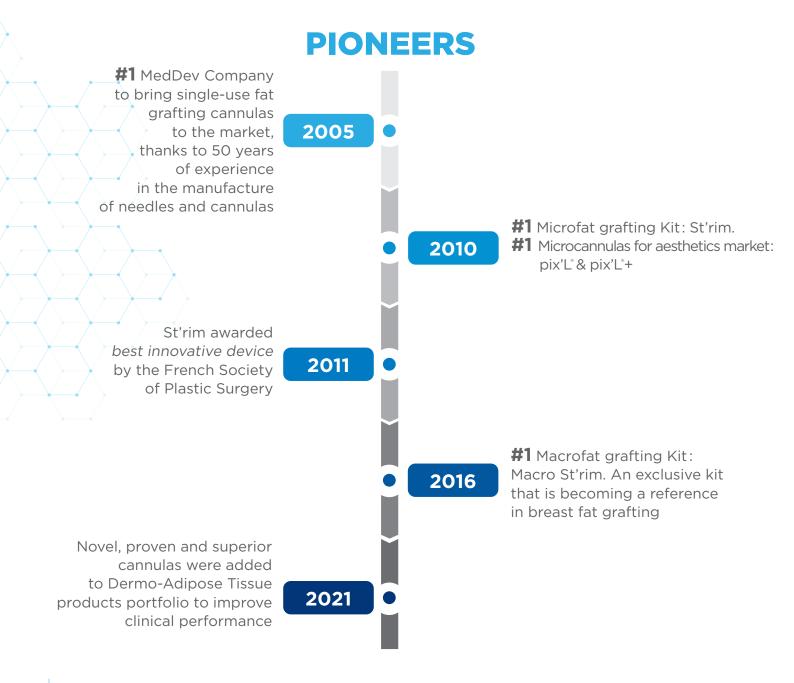






STRIM HEALTH CARE is the privileged partner of THIEBAUD SAS, a private company established in 1936 in Margencel (France), that manufactures exclusive single-use medical devices, designed to increase safety and effectiveness of medical procedures and positively impact the outcomes of patients, and thereby improve their quality of life.

STRIM HEALTH CARE provide state-of-art medical devices for minimally invasive percutaneous procedures in Dermo-Adipose Tissue for improving healing, repair, reconstruction and regeneration.



EXPERTS

PATENTED TECHNOLOGY

With more than 20 patents that protect the unique features of innovative devices, specifically designed, tested and manufactured to provide a complete answer to medical needs.

SINGLE-USE PHILOSOPHY

Single use medical devices eliminate related risk of cross-contamination and grant high technical level of functionality and efficiency.

HIGH-QUALITY STAINLESS STEEL

The use of a very high-quality medical grade stainless steel (SUS 304) allows our devices to achieve a mechanical resistance, finishing and polishing above market standards.

ACCURATE METRICS

Exclusive and accurate metrics provide technical support in medical decisions and enable accurate technical protocols that aim to achieve high-level and reproducible outcomes.

CERTIFIED QUALITY

Design and manufacture of medical devices according to the quality requirements of ISO 13485. Use of the best raw materials according to the best manufacturing practices to provide state-of-the-art medical devices.

REGULATORY COMPLIANCE

FDA and CE cleared medical devices that meet all regulatory requirements for safe and efficient procedures.





INFILTRATION

SKATTER p.6

LIPOSUCTION

Dolfin's Intro p.8
DOLFIN p.10
DOLFIN PLUS p.11
DOLFIN PRO p.12

FATGRAFTING

Intro p.14

HARVESTING

Picking's Intro p.18
PICKING p.20
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INJECTION

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KITS

Intro p.34
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MINI ST'RIM p.38
MACRO ST'RIM p.40

ACCESSORIES

DOTO p.42

"Cannulas are not accessories. They are key tools."

Ali Mojallal

Plastic Surgeon, PhD Univ. Lyon. France





CLINICAL APPLICATION

- Infiltration of Tumescent fluid for Local Anesthesia (TLA) and hydraulic matrix dissection prior to liposuction or to fat harvesting

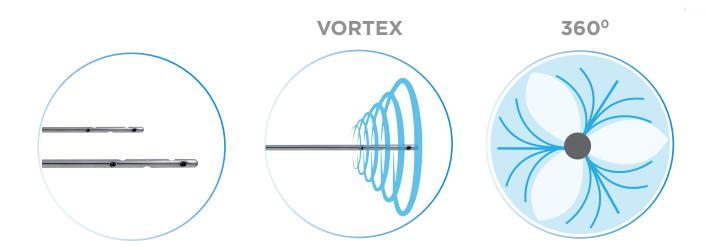
COMPOSITION

- Stainless steel blunt cannula with Luer-lock (LL) hub

FEATURES

- Sterile, single-use cannula designed to maximize TLA infiltration in adipose tissue and therefore increase liposuction safety and efficiency
- An ultra-thin short cannula is available for small and sensitive zones
- The multi-spiraled and diameters of the ports allow a **strong vortex effect** with a 360° even distribution of TLA
- To be used with LL syringe
- Made of ultra-polished SUS 304 stainless steel with a superior mechanical resistance

INFILTRATION



METRICS

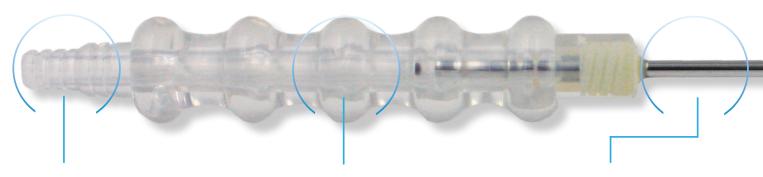
CANNULA		PORTS	TIP	η	
mm	G	←→ mm	Nº	D/ 	\Rightarrow
1,5	17	100	5		
2,0	14	150	5		
2,5	13	250	5		

REF	
DOIN1510-2	10
DOIN2015-2	10
DOIN2525-2	10





DESIGNED FOR CUSTOM BODY RESHAPING



Hose barb with 2 levels to provides secure connection to different suction tubing diameters. Non-slip welded handle made of a light but highly resistant copolymer, designed to maintain full grip and control. SUS 304 stainless steel for superior mechanical resistance.

3 MODELS

4 SUCTION EFFICIENCIES



LIPOSUCTION



Internal and external ultra-polishing to significantly decrease the coefficient of friction and optimize lipoaspirate uptake.

Patented port design "guillotine" with sharp inner edges to facilitate tissue fragmentation with back-forward technique.

SAFE

- Highly hardwearing
- Single-use
- Sterile
- CE

EASY TO USE

- Ultra-light (60-70g)
- Direct connection to a suction source through a tubing

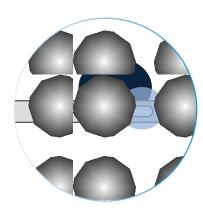


3 PORTS

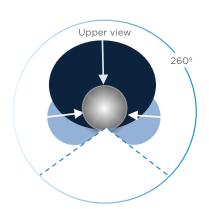
MEDIUM SUCTION EFFICIENCY (avg.)

260° SUCTION PRECISION

1 TOP + 2 LATERAL



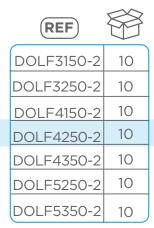




3 suction sides 1 non-suction side

CANNULA PORTS TIP 1

mm	G	←→ mm	Nº	
3,0	11	150	3	
3,0	11	250	3	
4,0	8	150	3	
4,0	8	250	3	
4,0	8	350	3	
5,0	6	250	3	
5,0	6	350	3	



DOLFIN PLUS

LIPOSUCTION CANNULA

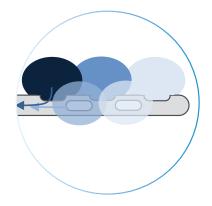
Control mark to prevent vacuum loss

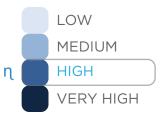
7 PORTS

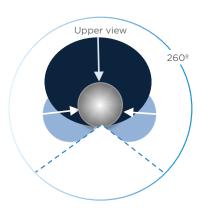
HIGH SUCTION EFFICIENCY (avg.)

260° SUCTION PRECISION

3 TOP + 2X2 LATERAL







3 suction sides 1 non-suction side

CANNULA PORTS TIP

η

mm	ğ G	←→ mm	Nº	D/ 	
4,0	8	250	7		





DOPL4250-2 10

LIPOSUCTION CANNULA

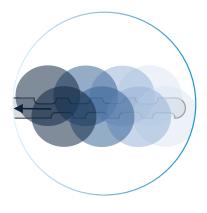
Control mark to prevent vacuum loss

8 PORTS

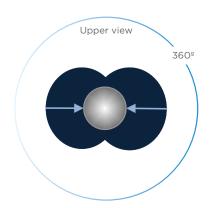
VERY HIGH SUCTION EFFICIENCY (avg.)

360° **FULL SUCTION**

4+4 CONTRALATERAL



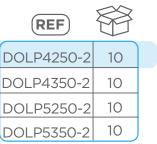




2 suction sides

C	ANNU	JLA	PORTS	TIP	η	
ım	ğ G	←→ mm	Nº		-	
-,Ο	8	250	8			
_	0	750	0			

mm^	G	mm	Nº		
4,0	8	250	8		
4,0	8	350	8		
5,0	6	250	8		
5,0	6	350	8		



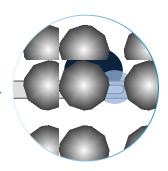


DESIGNED FOR CUSTOM BODY RESHAPING

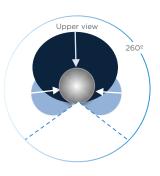
DOLFIN



MEDIUM SUCTION EFFICIENCY (avg.)



260° SUCTION PRECISION



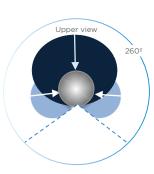
DOLFIN PLUS



HIGH SUCTION EFFICIENCY (avg.)



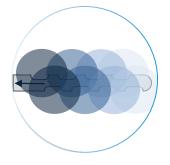
260° SUCTION PRECISION



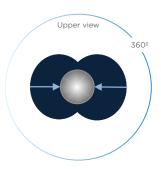
DOLFIN PRO



VERY
HIGH
SUCTION
EFFICIENCY
(avg.)



360° FULL SUCTION



FAT GRAFTING

Is a complex and very precise methodological surgical process by which fat is transferred from one site to another for long-lasting fat graft outcomes.



LIPOSUCTION

REQUIRES DEDICATED PROTOCOLS

that align perfectly the **clinical goals** with the **techniques** and the **tools** to be used¹.

This is the only way to perform an **extremely safe & efficient fat grafting** that can be according to the best expectations of physicians and patients.

FAT GRAFTING

CLINICAL GOAL

- 1. MEDICAL HISTORY, DONOR & RECIPIENT SITE EVALUATION, INTENDED OUTCOME
- 2. SELECTION OF FAT GRAFTING TYPE:

VOLUME			REGENERATION
MEGAFAT	MACROFAT	MICROFAT	MAT / tSVF NANOFAT

TECHNIQUES & TOOLS

1. HARVESTING

- Donor Site prep.
- Infiltration
- Depth
- Negative pressure
- Fat SIZING cannulas

2. PROCESSING

- Purification
 (washing, filtration, decanting...)
- Concentration (centrifugation)
- Fragmentation
- Emulsification

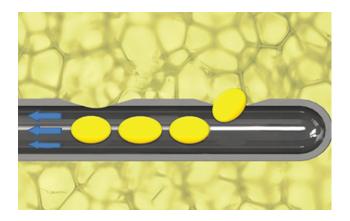
3. INJECTION

- Recipient site prep.
- Depth & dispersion
- Fibrosis management
- Positive pressure
- Fat EQUALIZING cannulas

SIZING

Def. Estimate or measure something's dimension.

A calibrated size of fat lobules is a critical factor for fat grafting². Fat calibration occurs due to a controled fragmentation of adipose tissue produced by the HARVESTING CANNULA, that mostly depends on:



- 1. Ports size, number and distribution.
- 2. Ports shape (360°cutting edge).
- 3. Σ Port surface Sum of all port suction surface (mm²).
- 4. Constant negative pressure (300 mmHg).
- 5. Regular soft tissue collagenous microstructure.

Each fat grafting type requires a specifically calibrated fat size. Our harvesting cannulas perform an accurate fat sizing due to our patented design and technology p.19.



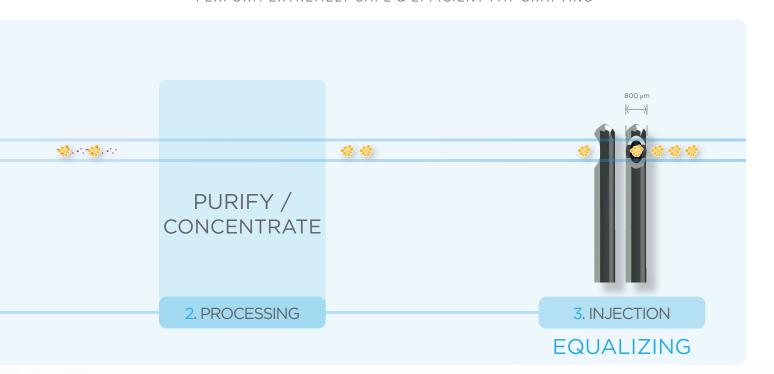
EQUALIZING

Def. To make equal; to compensate.

Once the harvested fat lobules being minimally processed (purified or concentrated), their sizes must match the diameter and port size of the INJECTION CANNULA. For each harvested fat sizing, there are specific equalizing injection cannulas that enable an optimal fat flow injection³ for an accurate fat injection technique.

Clinical goals, techniques and tools cannot be dissociated to achieve an extremely safe & efficient fat grafting





PICKING'S HARVESTING CANNULAS FOR FAT GRAFTING

The Picking's cannulas are specifically designed to:

- Perform an accurate fat SIZING during harvesting
- Harvesting small to large volumes of fat according to specifications
- Use of the maximal total suction surface area (Σ mm²) for best harvesting efficiency
- Work at the maximal flow with lower negative pressures
- Produce less donor site trauma² and faster recovery
- Perform an efficient complementary facial and/or a body reshaping
- Decrease fat processing time and hardness
- Perform a safe fat harvesting with a single-use dedicated cannula



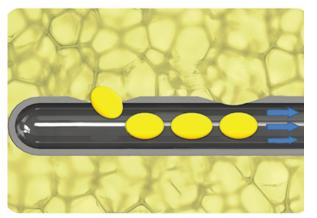
FAT GRAFTING HARVESTING



All Picking's cannulas have exclusive diamond shape ports with 360° cutting edge that are responsible for fat lobules SIZING.

SIZING





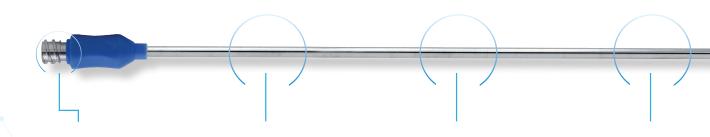
The diamond shape port geometry is specifically designed to perform a systematic, controlled and reproducible fat tissue fragmentation with a low-negative pressure (300 mmHg) and back-forward technique in a regular soft tissue collagenous microstructure.

Thus, it enables the harvesting of fat lobules with a calibrated size for each type of fat grafting.

So, each type of fat grafting requires a specific harvesting cannula.

THE OUTCOMES OF FAT GRAFTING START IN FAT HARVESTING

PICKING HARVESTING CANNULA FOR FAT GRAFTING



Female Luer-Lock (triple thread)

SUS 304 stainless steel for superior mechanical resistance Internal and external ultra-polishing to decrease the coefficient of friction

Diamond shape port with 360° cutting edges for fat tissue calibration

TYPE



SIZING



< 2700 x 3800 μ

EQUALIZING

FILLIN 10 - 12G (p.28)



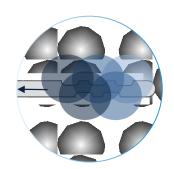


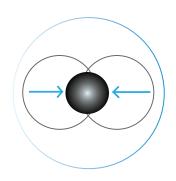
(1:1)

5 PORTS 3+2 CONTRALATERAL HIGH HARVESTING EFFICIENCY

360° HIGH FLOW







2 suction sides

VOLUME

EFFICIENCY

SAFETY

SMALL harvesting. Suction by LL syringe

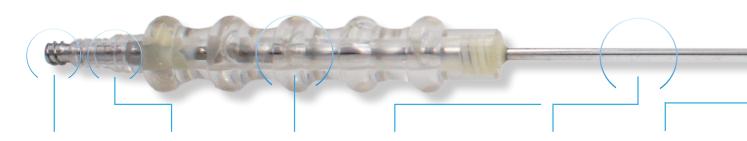


- Single-use
- Sterile
- CE

CANNULA			PORTS	TIP	η	
mm	ğ G	←→ mm	Nº	D/ 	B -	
3.5	10	180	5			



PICKING II HARVESTING CANNULA FOR FAT GRAFTING



Female Luer-Lock (triple thread) Hose barb with 2 levels for a secure connection on any suction tubing

Non-slip welded handle, a light but highly resistant for full grip and control SUS 304 stainless steel for superior mechanical resistance Internal and external ultra-polishing to decrease the coefficient of friction Diamond shape port with 360° cutting edges for fat tissue calibration

TYPE



SIZING



< 2700 x 3800 μ

EQUALIZING

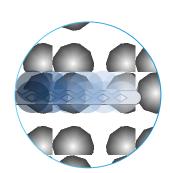
FILLIN 10 - 12G (p.28)

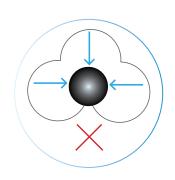


8 PORTS 3+2+3 (3 SIDES) VERY HIGH HARVESTING EFFICIENCY

260° PRECISION







3 suction sides & 1 non-suction side to allow precise harvesting

VOLUME

EFFICIENCY

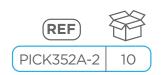
SAFETY

SMALL to LARGE harvesting. Suction by Pump

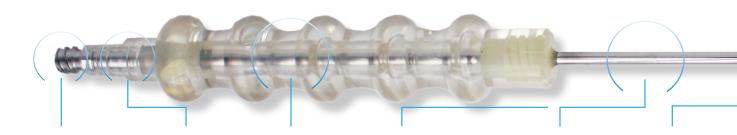


- Single-use
- Sterile
- CE

CANNULA			PORTS	TIP	η	
mm	ğ G	←→ mm	Nº		D -	
4.0	8	300	8			



PICKING II HARVESTING CANNULA FOR FAT GRAFTING



Female Luer-Lock (triple thread) Hose barb with 2 levels for a secure connection on any suction tubing

Non-slip welded handle, a light but highly resistant for full grip and control SUS 304 stainless steel for superior mechanical resistance Internal and external ultra-polishing to decrease the coefficient of friction Diamond shape port with 360° cutting edges for fat tissue calibration

TYPE



SIZING



< 1000 x 1600 μ

EQUALIZING

FILLIN 14 - 17G (p.28)

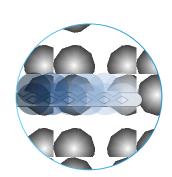


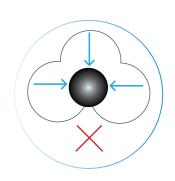
18 PORTS 6 x 3 SIDES

HIGH HARVESTING EFFICIENCY

260° PRECISION







3 suction sides & 1 non-suction side to allow precise harvesting

VOLUME

SMALL to LARGE harvesting. Suction by Pump

3.5

10

EFFICIENCY



SAFETY

- Single-use
- Sterile
- CE

CANNULA PORTS TIP Ŋ

mm G mm Nº □/□ □

18

230





The Fillins's cannulas are designed to be:



For patient: near eliminate the risk of intravascular injection and neurovascular injury within the areas of injection⁴. Single-use and sterile.

For Doctors: Female Luer-Lock connection with double locking threads avoid risk of disconnection from the syringe.

COMPLETE

An exclusive range that provide **flexible** and rigid cannulas with 2 types of blunt tip (round and duckbill) that allow all possible treatment techniques for fat grafting.

GLIDING

Internal and external ultra-polishing treatment surface to significantly decrease the external and internal coefficient of friction. Decrease the patient discomfort by enabling a less traumatic technique.

PRECISE

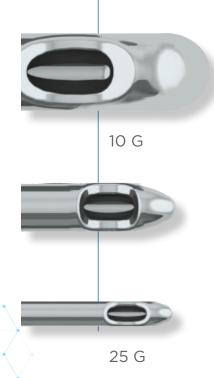
Side-port marking in the hub pointing the lateral port side. Tip with utmost distal lateral port with 90° flow orientation.

POWERFUL

SUS 304 stainless steel for superior mechanical resistance.

MINIMAL INVASIVE

In 23G and smaller diameters, the use of thinner blunt-tipped ogive-style microcannulas near eliminate the risk of bleeding, ecchymosis and decrease tissue trauma and recovery time^{4,5}.



FAT GRAFTING INJECTION

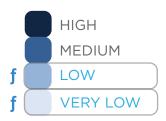
EFFICIENT

Fillin's cannulas allow a wide and multi-directional distribution of adipose tissue⁴ in all types of fat grafting. They cover from a single entry point, small to large areas in deep or superficial planes.

EQUALIZED

Each Fillin cannula's match perfectly with one of the Pickings cannula's that have calibrated the fat (SIZING) during the harvesting step. The fat tissue flows easily at lower pressures, without clumping or undue resistance, enabling efficient dispersion technique².

FILLIN'S extrusion forces **f**

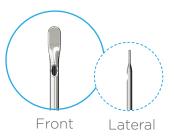


2 BLUNT TIPS

ROUND for soft tissue



DUCKBILL for fibrotic tissue



EQUALIZING THE HARVESTED ADIPOSE TISSUE





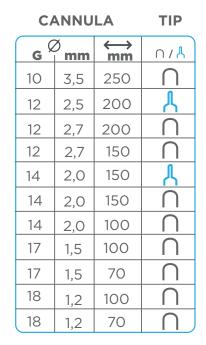
CLINICAL APPLICATIONS

- Designed to perform a lipofilling in:
 - Small and large areas
 - Deep and superficial layers
 - Soft (round tip) and fibrotic tissue (duckbill tip)
- Equalized for:
 - MEGAFAT grafting (10-12G)
 - MACROFAT grafting (14-17G)
 - MICROFAT grafting (18G)

FEATURES

• RIGID cannulas with round or duckbill tip









CLINICAL APPLICATION

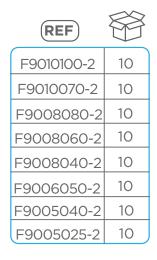
- Designed to perform a lipofilling in sub and intradermal layers.
- Equalized for:
 - MICROFAT grafting (19-21G)
 - Regenerative treatments with MAT, tSVF and Nanofat (23-25G)

FEATURES

- FLEXIBLE cannulas from the base with a round tip
- Improved mechanical resistance with high flexibility

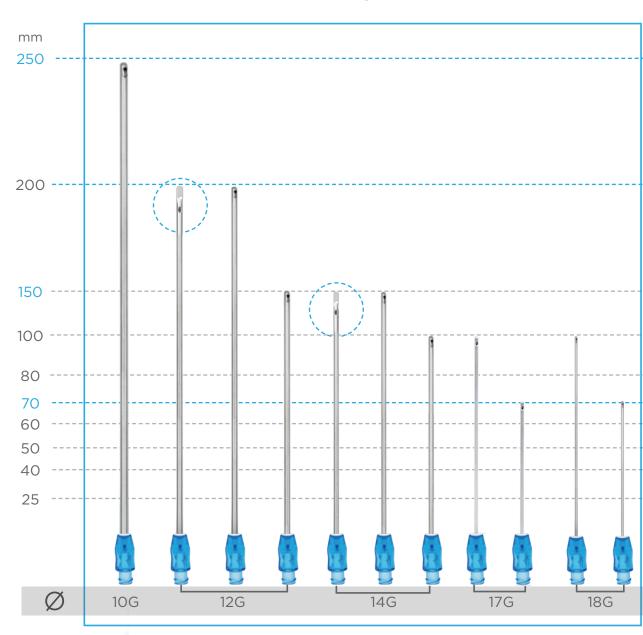
METRICS

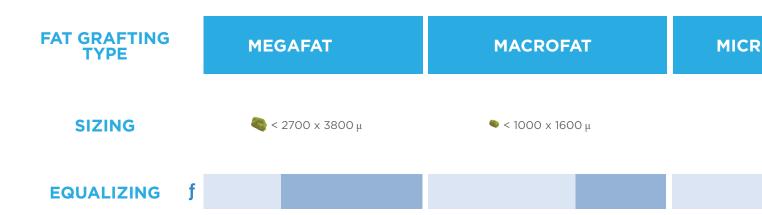
CA	HP		
G	mm	←→ mm	0/4
19	1,0	100	\cap
19	1,0	70	\cap
21	0,8	80	\cap
21	0,8	60	\cap
21	0,8	40	\cap
23	0,6	50	\cap
25	0,5	40	\cap
25	0,5	25	
			-



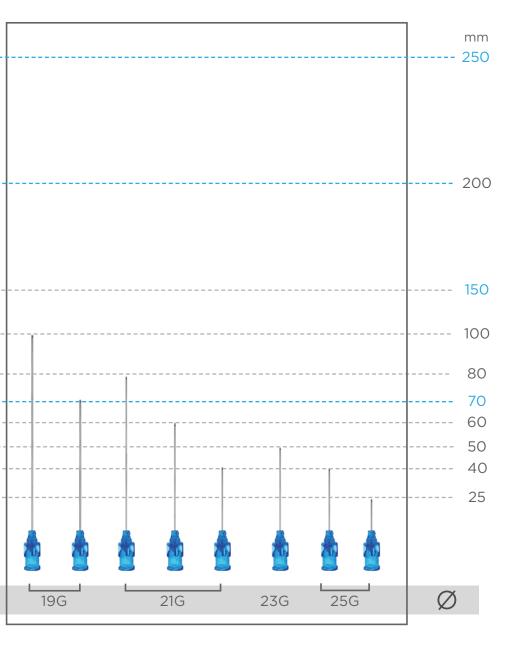


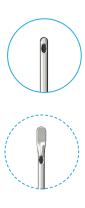
RIGID





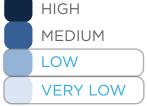
FLEXIBLE





• < 450 x 600 μ
• < 80 x 100 μ

FILLIN'S extrusion forces **f**



Be eSTRIM

PERFORM EXTREMELY SAFE & EFFICIENT FAT GRAFTING

TYPE OF FAT GRAFTING		SIZING HARVESTING CANNULAS
	PICKING'S	
MEGAFAT	Picking II	< 2700 x 3800 μ
MACROFAT	Picking II	< 1000 x 1600 μ
MICROFAT		< 450 x 600 μ
NANOFAT MAT ¹ tSVF ²		(80 x 100 μ

The spheres are calibrated and not deformable and are only intended to illustrate a hypothesis of an adipocyte lobule size based on data of the technical files of STRIM HEALTH CARE.

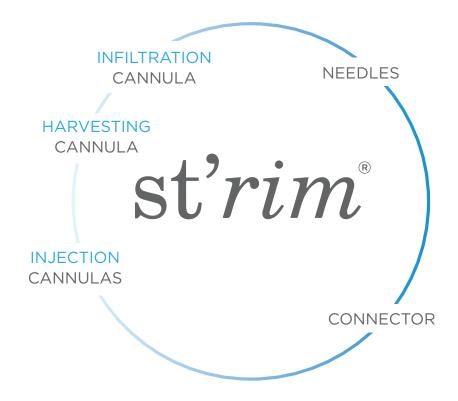
- (1) Microfragmentated Adipose Tissue
- (2) Stromal Vascular Fraction (tissue)



	EQUALIZING INJECTION CANNULAS			KITS HARVESTING & INJECTION CANNULAS
η	FILLIN'S	Ø mm	f	REF.
HIGH VERY HIGH	10G 12G	3,5 2,7	VERY LOW	
(HIGH)	12G 14G 17G	2,7 2,0 1,5	VERY LOW VERY LOW	Macro St'rim
(MEDIUM)	18G 19G 21G	1,2 1,0 0,8	VERY LOW VERY LOW	St'rim Mini St'rim
	23G 25G	0,6 0,5	VERY LOW	



360° FAT GRAFTING



- St'rim kits are designed for an efficient fat SIZING and EQUALIZING
- The set of injection cannulas included in the kit allows:
 - 1) Volumization with deep injection through the thicker cannulas
 - 2) Tissue regeneration with superficial injection through the thinnest cannula
- The St'rim kits enables a safe procedure as they are sterile single-use kits ready to use in a surgical setting

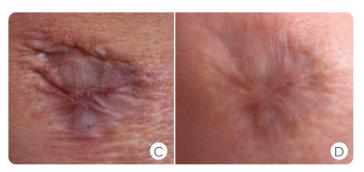
FAT GRAFTING KITS

SCIENTIFIC EVIDENCE

- Significantly higher viability and migration of isolated ASCs comparing with conventionally obtained lipoaspirates⁶ and adipocytes maintains a normal histologic structure⁷.
- Fat injection with St'rim microcannulas extends the application of lipostructure to the superficial layers of the skin and its minimal invasive properties provide small volume enhancement and less trauma than with a 17 G cannula as per the classic technique.
- St'rim cannulas may be more suitable for regenerative approaches⁶ and have brought improvements in the management of pathologies which were until now difficult to perform with satisfactory results⁷:

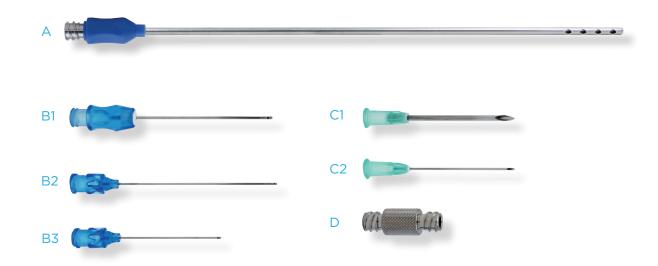


A -Before scar treatment with St'rim Microfat grafting B -18 months after 4 cc injection of St'rim Microfat



C -Before scar treatment with Microfat grafting with St'rim D -28 months after 1cc injection of St'rim Microfat

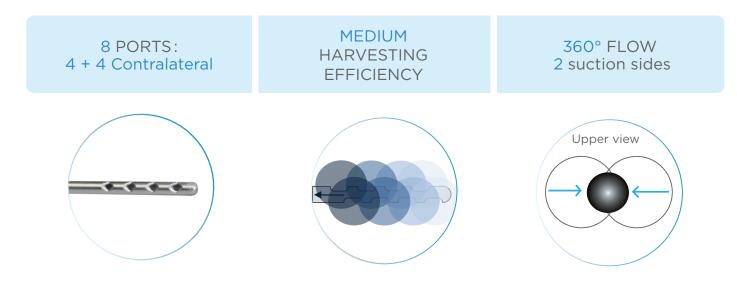




COMPOSITION

- A. 1u. Microfat harvesting cannula
- B. 3u. Injection cannulas
- C. 2u. Needles
- D. 1u. Female/Female Luer-Lock connector

MICROFAT HARVESTING CANNULA



CLINICAL APPLICATIONS

- Microfat grafting:
 Skin rejuvenation and volumizing for
 - Face,
 - Hands,
 - Depressed scars,
 - Other small lipoatrophic areas

ALL IN ONE:

- 1 SAFETY
 - Single-use kit
 - Sterile
- 2 PRECISION
 - Microfatt grafting specialized tools

- 3 REPRODUCIBILITY
 - Maximum tools functionality for an optimal technique
- 4 EFFICIENCY
 - 1 Microfat SIZING harvesting
 & Infiltration cannula to be used
 with LL syringe
 - 3 EQUALIZING injection cannulas for deep and superficial treatments

(REF) PICS2130-2

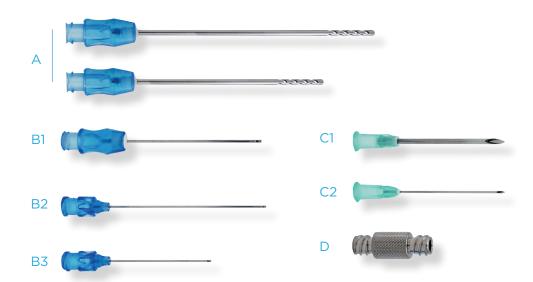
	A	B1	B2	В3	C1	C2
Ø	2,0mm	19G	21G	21G	14G	21G
$\overset{\mathbf{mm}}{\longleftrightarrow}$	130	50	60	40	40	40
TIP						



5u.

mini st'rim®

MICROFAT GRAFTING KIT INFILTRATION | HARVESTING | INJECTION



COMPOSITION

- A. 1u. Microfat harvesting cannula with 2 lengths options: 90 or 70 mm
- B. 3u. Injection cannulas
- C. 2u. Needles
- D. 1u. Female/Female Luer-Lock connector

MICROFAT HARVESTING CANNULA



CLINICAL APPLICATIONS

- Microfat grafting:
 Skin rejuvenation and volumizing for
 - Face,
 - Hands,
 - Depressed scars,
 - Other small lipoatrophic areas

ALL IN ONE:

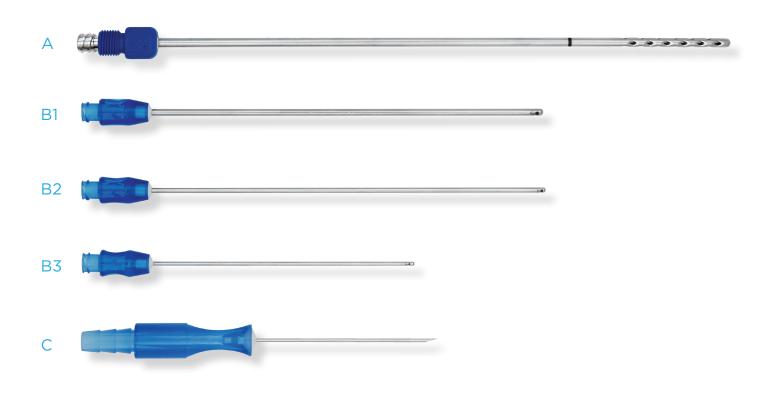
- 1 SAFETY
 - · Single-use kit
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 - 3 EQUALIZING injection cannulas for deep and superficial treatments

	A	B1	B2	В3	C1	C2
Ø	2,0mm	19G	21G	21G	14G	21G
mm	90	50	60	40	40	40
	70	50	60	40	40	40
TIP						







COMPOSITION

- A. 1u. Macrofat harvesting canula (same tip configuration as PICKING II Macrofat cannula pg.24-25)
- B. 3u. Injection cannulas
- C. 1u. Needle

OPTIONAL:

- DOTO handle
- SKATTER
- Connector FLL/FLL



CLINICAL APPLICATION

• Macrofat grafting:

Body contouring, augmentation, hybrid augmentation, lipoatrophy, reconstruction, tissue regeneration

FEATURES

- 1 SAFETY
 - · Single-use kit
 - Sterile
- 2 PRECISION
 - Microfatt grafting specialized tools
- 3 REPRODUCIBILITY
 - Maximum tools functionality for an optimal technique

- 4 EFFICIENCY
 - 1 Macrofat SIZING harvesting cannula to be used with LL syringe or with the detachable handle DOTO connected to a liposuction pump
 - 3 EQUALIZING injection cannulas for deep and superficial treatments
 - 1 Ergonomic 70 mm long needle to open the entry-point and perform subincision

	A	B1	B2	B3	C
Ø	3,5mm	12G	14G	17G	17G
$\stackrel{\longleftarrow}{\text{mm}}$	220	150	150	100	70
TIP					

REF PICS3523-2 5u.





APPLICATION

For direct connection of Macro St'rim harvesting cannula to a suction source through a tubing

COMPOSITION

Copolymer and stainless steel

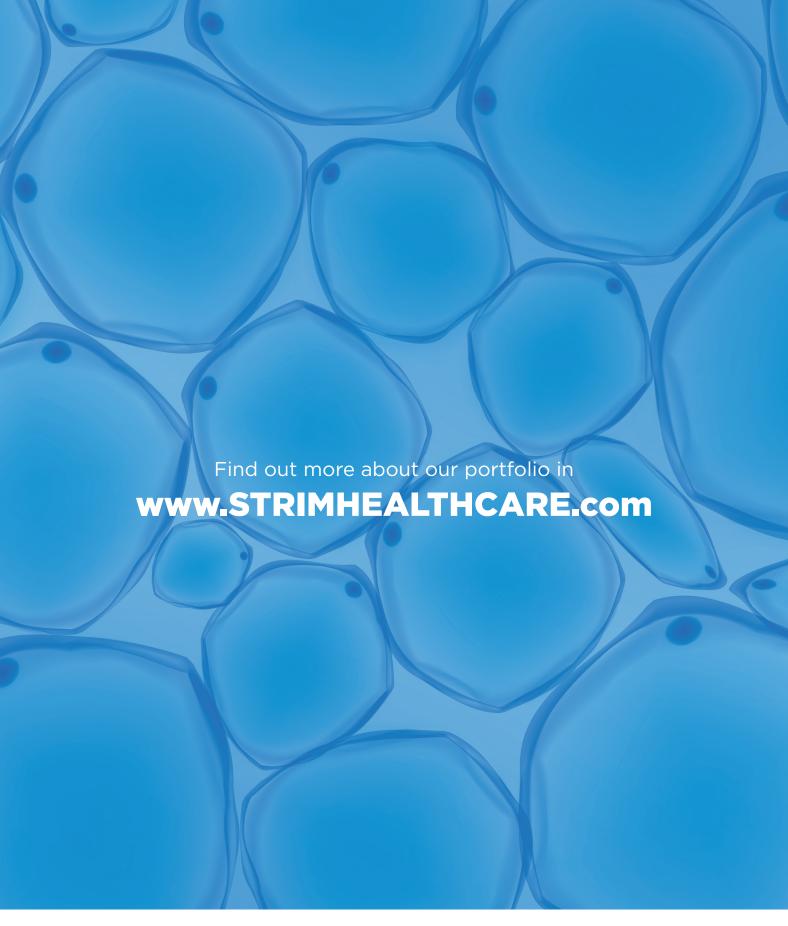
FEATURES

- Sterile and single-use
- Detachable
- Non-slip design to maintain full grip and directional control
- Ergonomic for all hand sizes
- Ultra-light (40g)
- Highly resistance
- Hose barb with 2 levels to provides secure connection to different suction tubing diameters





FAT GRAFTING ACCESSORIES





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