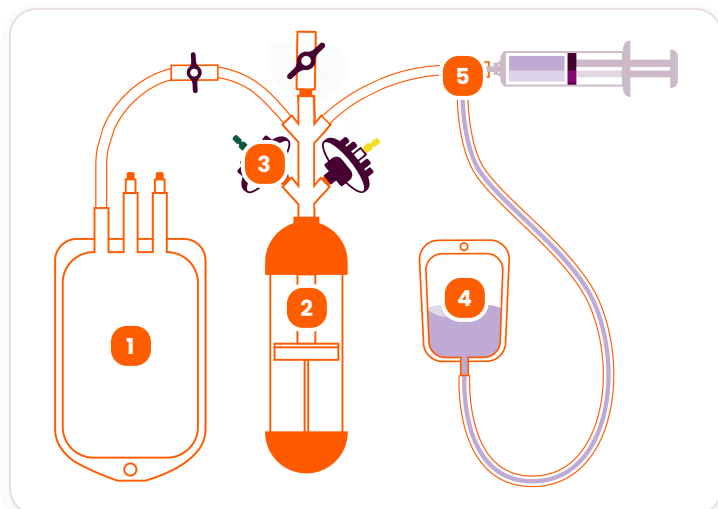


liposmart® UFAT 120 mL

Point-of-care processing protocol

THE SYSTEM



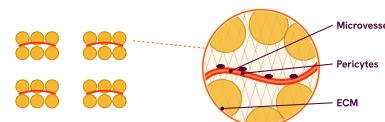
- 1 Effluent bag**
Collects blood, oil and debris
- 2 Elastomer processing chamber · 120 mL**
Holds the tissue in fluid; recoils to return it
- 3 Filters · 1,200 µm + 700 µm**
Polymer membranes that size the clusters
- 4 Inflow bag**
Saline or Ringer's lactate
- 5 Luer-lock port**
Load and collect by syringe

CE Class IIa · EU MDR

Closed circuit · Single use · Sterile

Polymer membrane filtration in fluid

Preservation, not isolation. No cells are isolated: the output is micro-fragmented tissue (MFAT) that keeps its stromal vascular niche.



PROCESSING OPTIONS BY INDICATION

1,200 µm

700 µm

Washing only · separate run · no filters



Tendons

700 µm

23-25G needle · 3-6 mL



Orthopaedics / OA

700 µm

Needle and volume per surgeon preference



Viscosupplementation

1,200 µm

Option 3 · 1,200 µm filter



Reconstructive

Washed + 700 µm mix

Per surgical context



Gynaecology

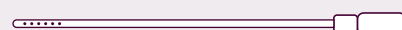
700 µm

Per indication

ACCESSORIES



17G infiltration cannula
Ø 1.6 mm · 10 holes



14G harvesting cannula
Ø 2.1 mm · 6 holes



VacLok® syringe
Luer-lock · locking plunger

For healthcare professionals · Always follow the Instructions for Use

The 8 steps

One closed system · One session · Point of care

1 Prepare

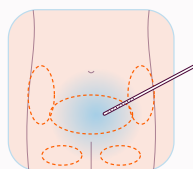


Sterile pack intact

Saline or Ringer's lactate

IFU reviewed

2 Infiltrate



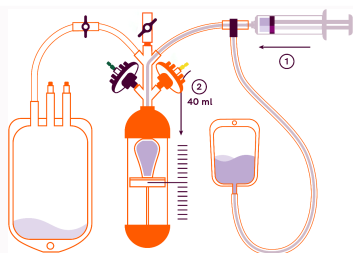
Local anaesthesia

Abdomen · thighs · flanks

3 Harvest



14G cannula + VacLok® 70-120 mL



4 Introduce the fluid

Right side · fluid bag

Saline or Ringer's lactate

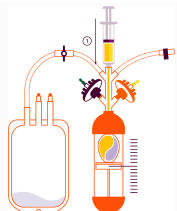
Before any tissue

5 Processing

CHOOSE BY INDICATION

OPTION 1

Load the tissue for washing only

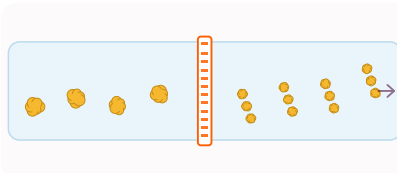


No filters

Into the fluid-filled chamber

OPTION 2

Micro fragmentation · 700 µm

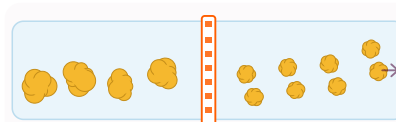


700 µm filter

Most indications

OPTION 3

Macro fragmentation · 1,200 µm

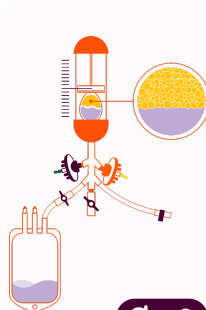


1,200 µm filter

Viscosupplementation

Reconstructive: Option 1 + Option 2, mixed.

6 Washing



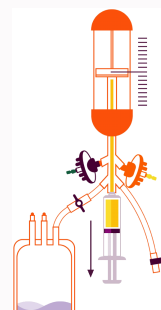
Turn upside down

Release fluid to the waste bag

Refill fluid · repeat up to 3x

⌂ × 3

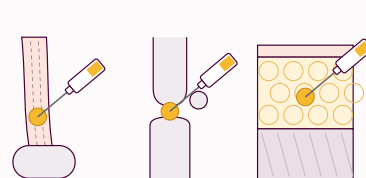
7 Collect



Luer-lock syringe

Fluid, ready-to-inject tissue

8 Inject



Fine needles

Tendons · 23-25G · 3-6 mL

Same session

KEEP IN MIND

! Fluid first, then tissue. Always from the right side.

! Washing only: Option 1, no filters.

! Viscosupplementation: Option 3, 1,200 µm filter.

! Washing: up to 3 cycles until the fat is clean.

For healthcare professionals · Always follow the Instructions for Use