

HuriCell®

Fully Automated Device for Point-of-Care of SVF



Huricell[®] - Fully Automated Device for Point-of-Care of SVF

HuriCell[®] is a fully automatic cell isolator extracting stromal vascular fraction (SVF) from human adipose tissue. HuriCell[®] provides all-in-one functions of washing, refining, stirring and extracting isolated cell (SVF) from adipose tissue without any risk of contamination.



8 SPECIFICATION

Dimension	(854x569x980mm)
Net Weight	120 kg
Max. RPM	HRB1 / 5,000 RPM HRB2 / 5,000 RPM
Working Temperature	41 ± 3℃
Power Requirements	100 or 220V, 50/60Hz, Single Phase
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& FEATURES

Delivers cell product Ready for Use	 Deliver SVF in to a syringe ready for immediate use Minimize surgical breaks and opportunity for contamination Instrument is ready for following use immediately
Sterile single use plastic disposable kit	 Follow GMP production process Sterilized by EO gas Controlled digestion temperature and separation process Wide volume range of fat tissue from 60cc up to 200cc at one operation
Unique design and high effective platform	 All-in-one machine : clean bench, centrifuge, mixer and incubator Short operation time (75min) from washing to isolation Maximized outputs by refining and extracting isolated SVF, washed fat tissue and oil No contamination under closed system
Ease to use touch screen interface	 Wipe-clean touch interface with user guidance throughout the process to minimize training requirements No manual intervention required once separation process initiated Minimizes opportunity for operator variability and error

- Fully Automated Device for Point-of-Care of SVF



Ministry of Food and Drug Safety Registered No. : 3806 Product-License No. : 14-1229, 13-2220





Code No.HRB1 (L-bowl) Washing and stirring of fat tissue



Code No.HRT1 (System Tube) Transferring fat tissue and



Code No.HRB2 (S-bowl) Washing and concentrating stem cells derived from fat tissue

Code No.HRT2

(2 Air filter lines +

1 Fat tissue injection line)



Code No.HRR (Cell Isolation Reagent) The most effective reagent for SVF isolation

Code No.HRT3 (System Connector)

\lambda ADVANTAGES OF HURICELL

- Korean MFDS approved Class III medical device
- Point-of-care Automated system to deliver injectable SVF from Lipoaspirate
- Isolates consistent yield of stromal vascular fraction (SVF) by 1.5 X 10⁶ / cc
- Easy to use. No professional action required



Preparation



• Aspirated adipose tissue transferring to HRB1

Operation



Input Data



Setting Consumables

We produce injectable SVF from lipoaspirate!



Final Product



Isolated Cell(SVF) • Washed fat Tissue



Collecting Adipose Tissue

Why SVF?

Stromal Vascular Fraction (SVF) is the most advanced form of regenerative medicine. It is described as the use of tissues, cells, and cell extracts which have ability to repair, replace or restore biological structures and functions the body may be lacking due to disease, aging, or destruction.

\lambda BENEFITS OF HUMAN ADIPOSE-DERIVED STEM CELL



- » EGF (Epidermal Growth Factor) Growth promotion of epithelial cells, Stimulation of differentiation
- » FGF (Fibroblast Growth Factor) Angiogenesis, Wound healing
- » HGF (Hepatocyte Growth Factor) Neovascularization
- » TGF-B (Transforming Growth Factor beta) Inhibition of pigmentation, Proliferation of cells
- » VEGF (Vascular Endothelial Growth Factor) Proliferation of endothelial cells

(Circulation. Research, 2007)

\lambda NUMBER OF ISOLATED CELL BY HURICELL



Application field of SVF

\lambda HURICELL WORKING PROCESS







Minimal manipulated application of SVF Cosmetic Surgery Anti-Aging Wrinkle improve Breast Reconstructive Augmentation surgery Regeneration **Tissue Repair** Lymphedema Diabetic Psoriasis Knee osteoarthritis Foot Ulcer

\lambda CLINICAL THERAPY OF ADIPOSE-DERIVED ISOLATED CELL (SVF)

Central nervous system	Parkinson, Huntington, Alzheimer, Nerve-degenerative diseases
Dermatology	Leucoplakia, Atopic dermatitis, Skin diseases
Orthopedics	Degenerating Rheumatic Arthritis, Cartilage damage, Slipped disk
Metabolic	Diabetes, Metabolic syndrome, Metabolic disease
Cardiology	Cardiac arrest, Cardiac infarction, Angina pectoris
Hematology	Leukemia, Pernicious Anemia, Blood-related disease

Certifications and Patents



- vietnam
- Thailand
- Jordan



Places Using HuriCell[®]







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