

CGF Variable Speed Centrifuge DL4-M

Introduction

CGF Variable Speed Centrifuge for one-time extraction of CGF.

Features

1. 3 different running speed/ RCF, 6 Kinds of Automatic Switching of Acceleration and Deceleration.
2. Self-ventilated rotor system, compressor temperature control and keep low temperature (15°C) working environment.
3. Customize made for UV sterilize Light
4. All parts of rotor can be High Temperature and High Pressure Sterilization.
5. Can made PRP PRF CGF blood active substance.
6. With Swing Rotor, more effective for CGF extraction.



Parameters

Model	DL4-M			
NO.1 Swing Rotor	8*15ml	4000r/min		3250xg
Program	No.1	No.2	No.3	No.4
	PRP	PRF	CGF	adjustable
Motor	Microprocessor & Brushless DC Motor			
Temperature Range	-20°C~+40°C			
Timer Range	0~99min			
Noise	≤50dB(A)			
Power Supply	AC220V&110V 50Hz 2A			
Dimension	540*340*312mm(L*W*H)			
Weight	40kg			

What is CGF?

CGF (Concentrated Growth Factor) is extracted from autologous blood by our specialized variable speed centrifuge DL4-M. The concentration of growth factor is four times higher than that of normal blood active substances and it contains CD34 positive cells and white blood cells with high activity. CD34 positive cells are important cells for promoting the reconstruction of micro-circulatory system and collagen regeneration. In the mesoderm, filling and wound repair, micro-capillary and micro-lymphatic system can be quickly reconstructed in the treatment.

CGF application:

1. Move skin wrinkles, Improve skin dryness, relaxation, dullness, spots, pore size and other phenomena.
2. Skin anti-aging
3. Promote tissue regeneration, Repair of wounds and scars
4. Reconstruction of skin barrier and repair of tissue
5. Lipid transplantation partners to improve the survival rate of fat transplantation
6. Scalp management
7. Treatment of mesodermal and osteoarthritis

CGF Therapy advantages:

1. CGF from autologous blood, no rejection reaction
2. No Chemical additives, its safer
3. With Various concentrated growth factor, good effect
4. The CD34 positive white cells promoting micro-circulatory system and collagen regeneration
5. Multiple clinical uses - liquid/gelatinous without embolism risk

Compare of 3 generation of blood active substance PRP PRF CGF

Name	Separate results	Condition	construction	Molecular Structure
PRP (Platelet Rich Plasma)	PPP+PRP+RBC	Anticoagulant	Liquid	Compact Tetramolecular structure
PRF (Platelet Rich Fibrin)	PPP+PRF+RBC	No	Gel Membrane	3-dimension loose structure
CGF (Concentrated Growth Factor)	PPP+CFG+PRP+CD34++RBC	No	Liquid Gel Membrane Half-Gel	3-dimension looser structure

CGF Preparation Process and Clinic Application

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Autologous Blood



Separate by DL-4M Variable Speed Centrifuge

Got

CGF Self-Repair
Gel+ Membranous



Application

- 1.Wound Treatment
- 2.Skin and Soft Tissue Repair

Got

Liquid LPCGF



Application

- 1.Mesoderm Therapy
- 2.OA(Osteoarthritis) Therapy
- 3.Acupoint stimulate

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Autologous Blood



Separate by DL-4M Variable Speed Centrifuge

43°C Heating

75°C Heating



Made by our TDD-4MC
Bio-filler Gel Maker Machine

Got ICF

(α PRP+CD34+)



Got APAG

(PPP+CD34+)



Application: Bio-filling and Wrink remove