

# CGF Variable Speed centrifuge DL-4M

## 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.

# Features:

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



#### Parameters

Model	DL-4M					
NO.1 Swing Rotor	8*10ml	400	0r/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	$40 \mathrm{kg}$					



### CGF application

Move skin wrinkles, Improve skin dryness, relaxation, dullness, spots, pore size and other phenomena.

Skin anti-aging

Promote tissue regeneration, Repair of wounds and scars

Reconstruction of skin barrier and repair of tissue

Lipid transplantation partners to improve the survival rate of fat transplantation

Scalp management

Treatment of mesodermal and osteoarthritis

### CGF Therapy advantages

- ◆ CGF from autologous blood, no rejection reaction
- No Chemical additives, its safer
- With Various concentrated growth factor, good effect
- The CD34 positive white cells promoting micro-circulatory system and collagen regeneration
- 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



