

Fig. 1

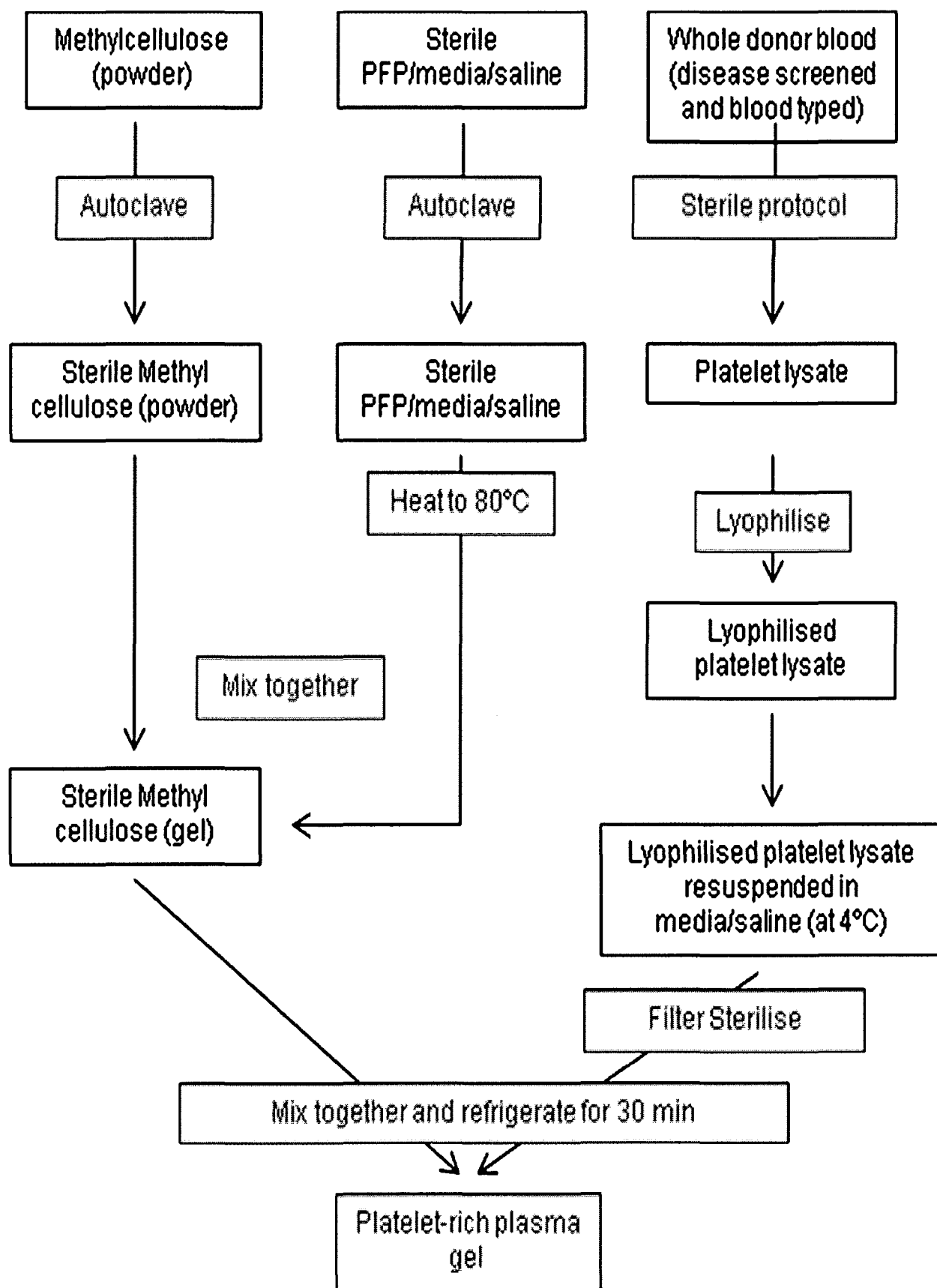


Fig. 2

CTL WRINKLE REDUCTION PLATFORM

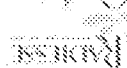
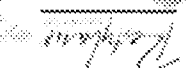
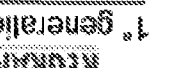
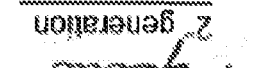
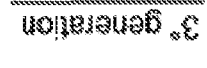
	Treatment Time (min)	Allergy	Cost per treatment	Treatments ²	Total cost
     1 st generation     	Molecules: Dermal Fillers and Individual Growth Factors	15	Possible	6	~\$6,000
Autologous cell therapy: Platelet-Rich Plasma or Fibroblasts	PRP: 50 laViv: 15 ¹	No	~\$2,000	3	~\$6,000
Cell therapy isolate: Standardised product with platelet and growth factors	15	No	~\$1,000	1	~\$1,000

Fig. 3

WOUND HEALING EXAMPLE % Resolution of ulcer in 12 weeks

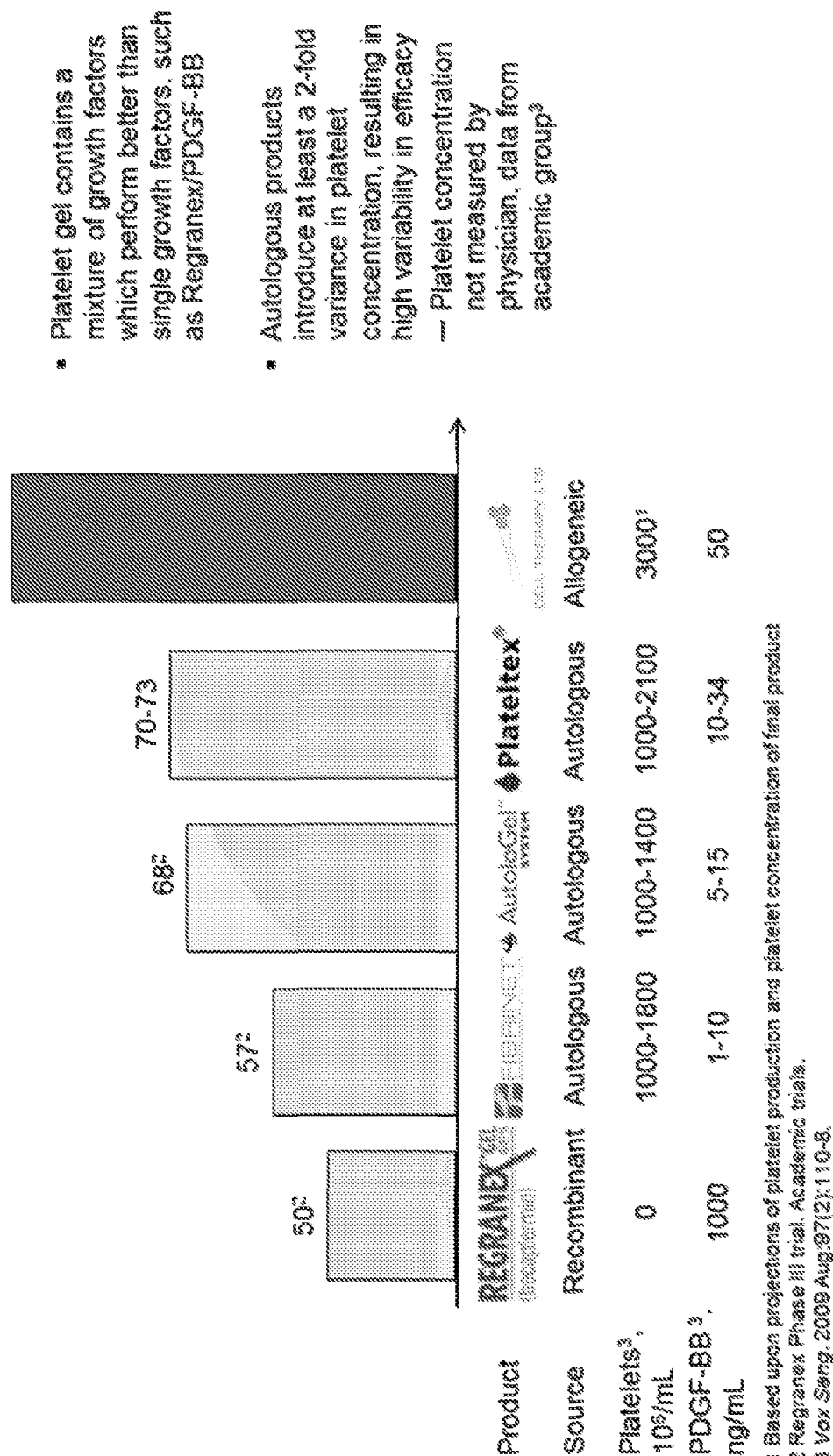


Fig. 4

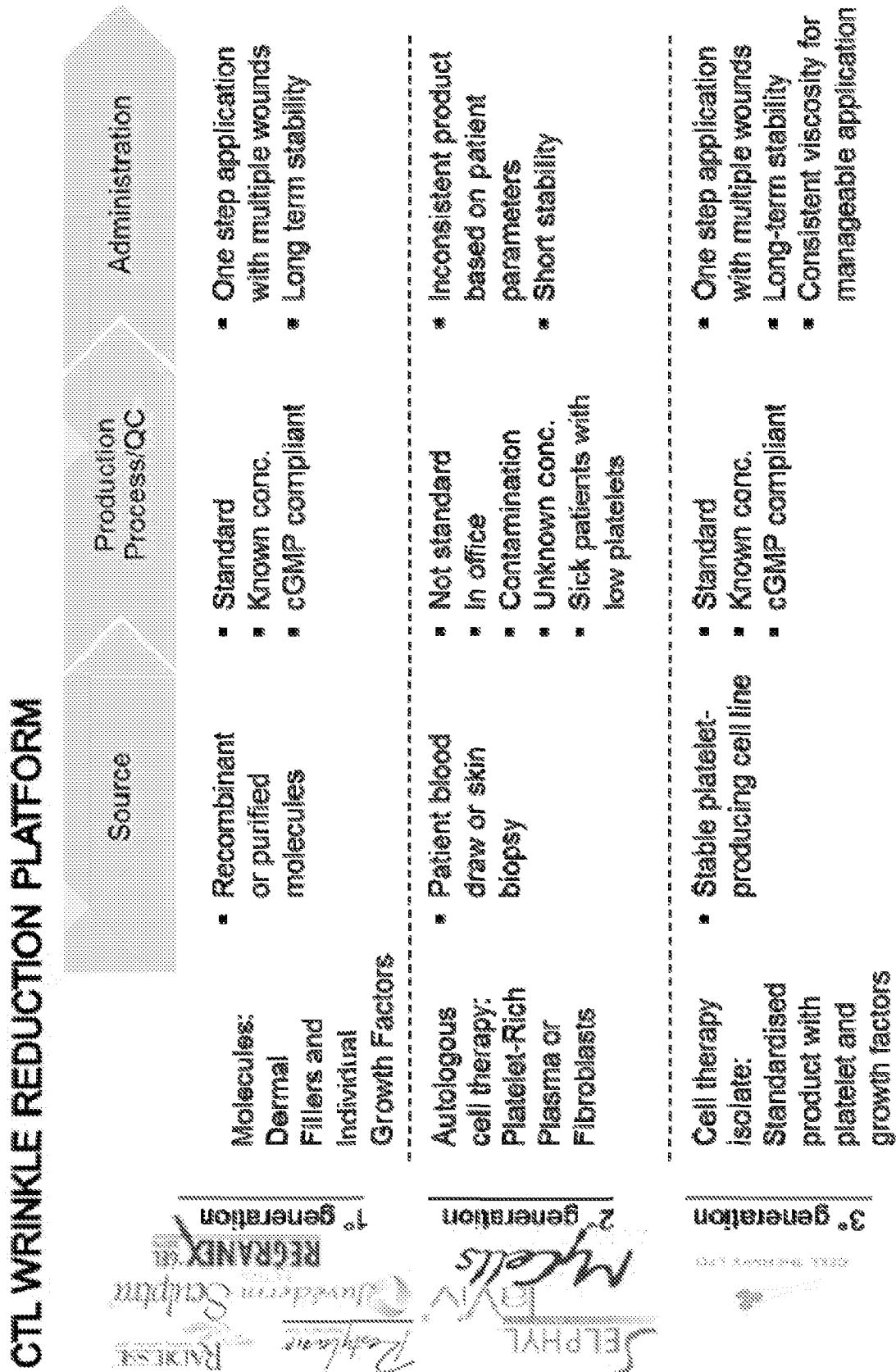


Fig. 5

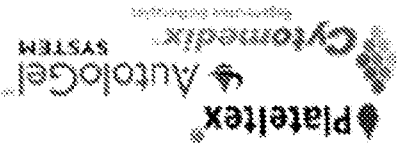
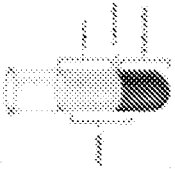
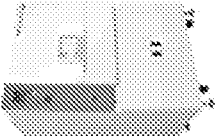
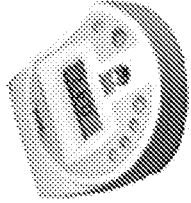
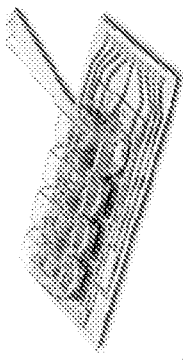
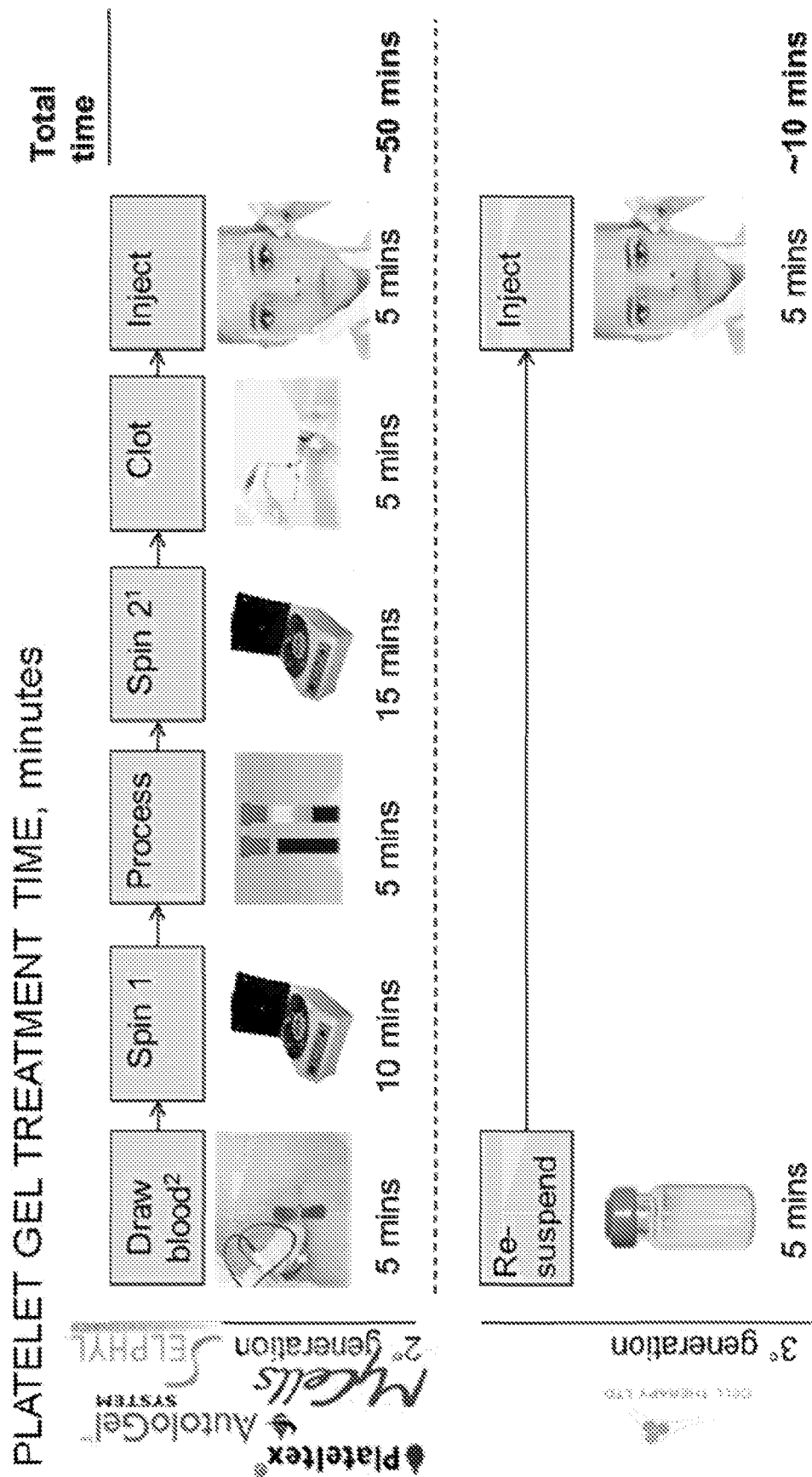
PLATELET THERAPY QUALITY CONTROLS			
Source	Production	Functionality Test	
 2nd generation  Autologous source translated to variable platelet count and quality dependent on patient health status	 Multi-step, in-office manipulation and lack of quantitation introduced variability, errors and potential contamination	 No functional of product before patient application	
 3rd generation Quality controlled source of <i>in vitro</i> platelets ensures high quality contamination free platelets	 Precise quantification of product component ensures standardised product	 Automated ECIS (Electric Cell-substrate Impedance Sensing) wound healing assay to confirm efficacy	

Fig. 6



1 Some PRP products do not require a second 15 minute centrifugation step
 2 Laviv takes 11-22 weeks to prepare in the lab from patient skin punch biopsy (Laviv prescribing info, July 2011)

Fig. 7

