

Fig. 1

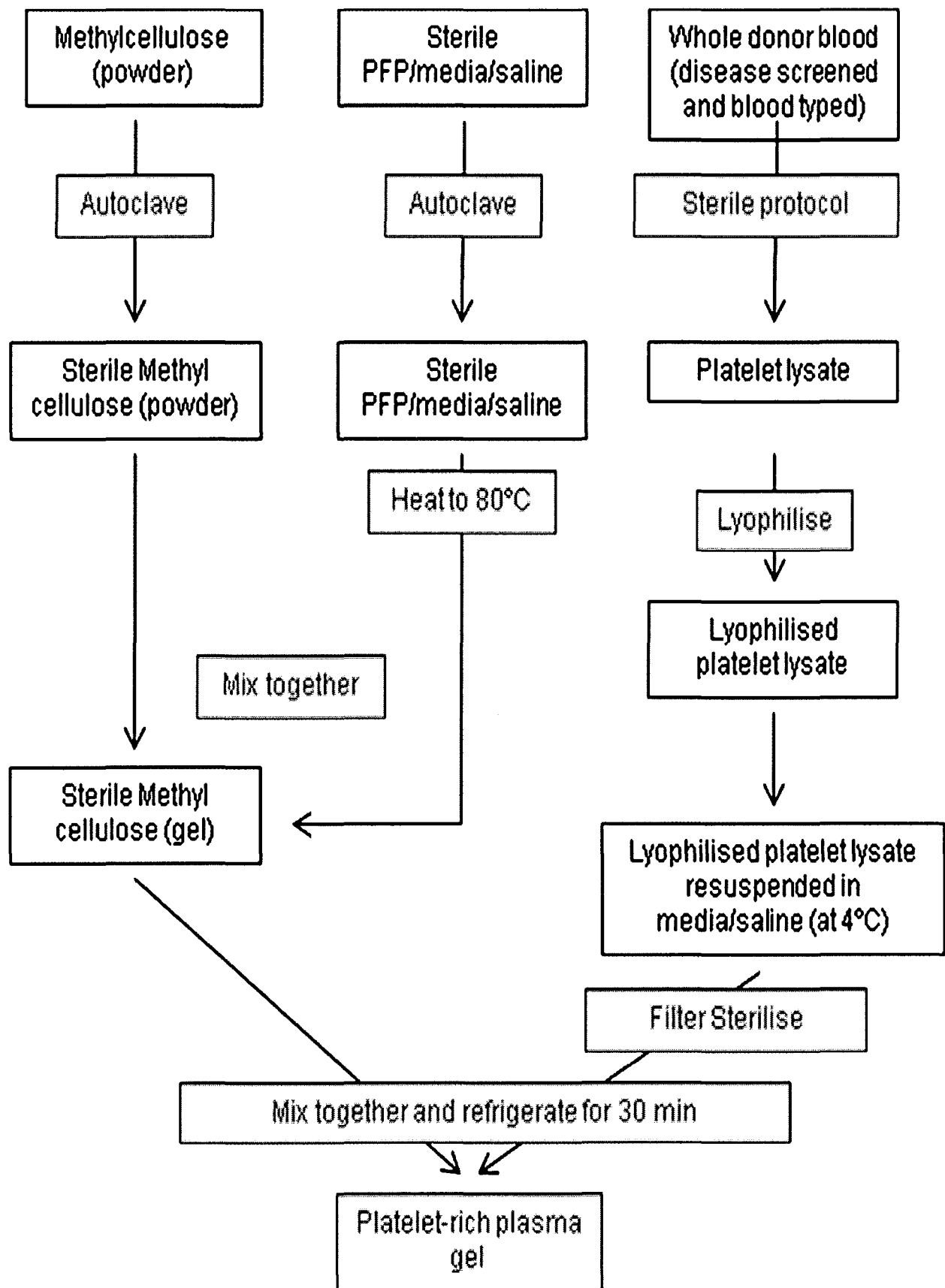


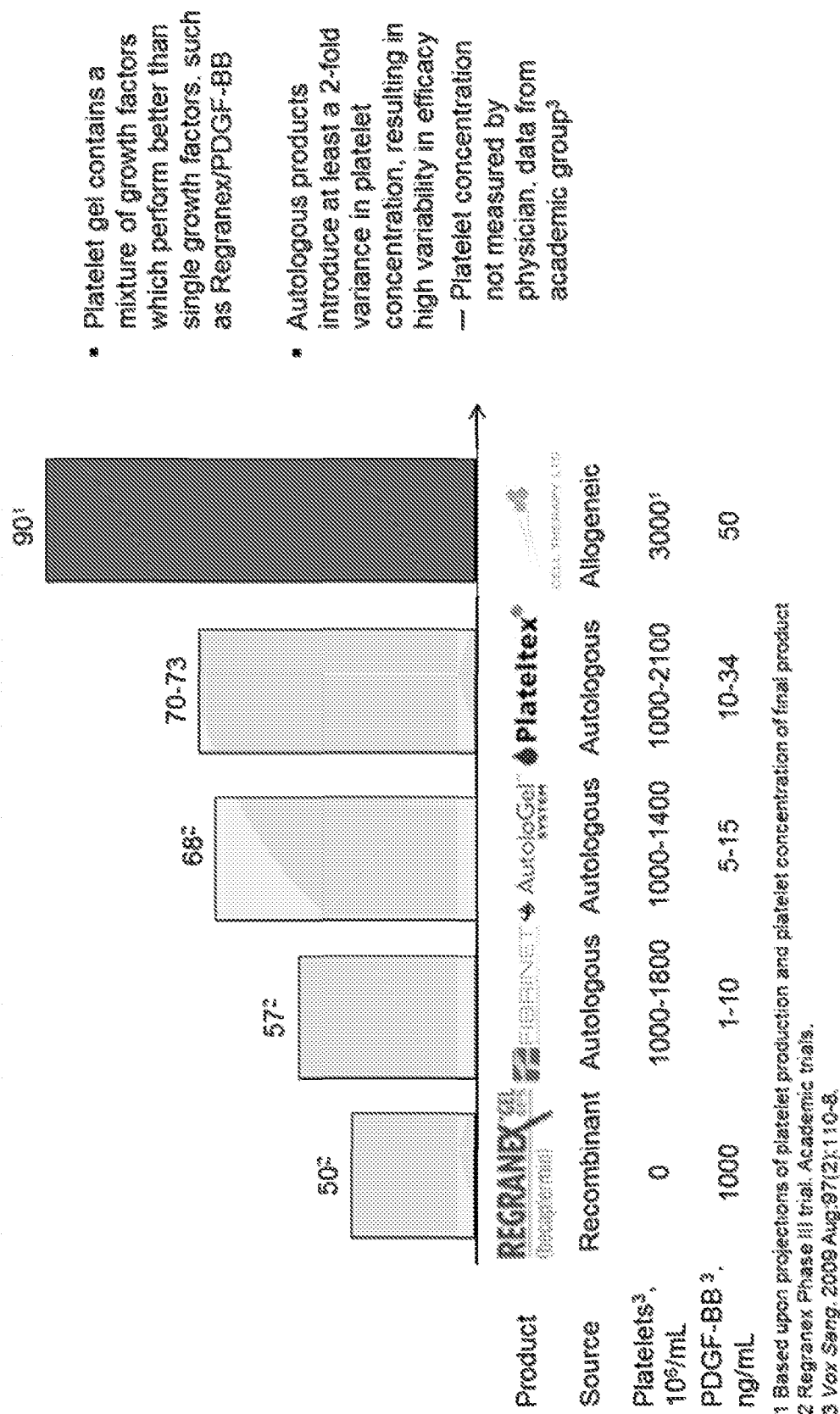
Fig. 2

CTL WRINKLE REDUCTION PLATFORM

	Treatment Time (min)	Allergy	Cost per treatment	Treatments ²	Total cost
1st generation					
Molecules:					
Dermal Fillers and Individual Growth Factors	15	Possible	~\$1,000	6	~\$6,000
2nd generation					
Autologous cell therapy: Platelet-Rich Plasma or Fibroblasts	PRP: 50 ia/v: 15 ¹	No	~\$2,000	3	~\$6,000
3rd generation					
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



- Platelet gel contains a mixture of growth factors which perform better than single growth factors, such as Regranex/PDGF-BB
- Autologous products introduce at least a 2-fold variance in platelet concentration, resulting in high variability in efficacy — Platelet concentration not measured by physician, data from academic group³

Fig. 4

CTL WRINKLE REDUCTION PLATFORM

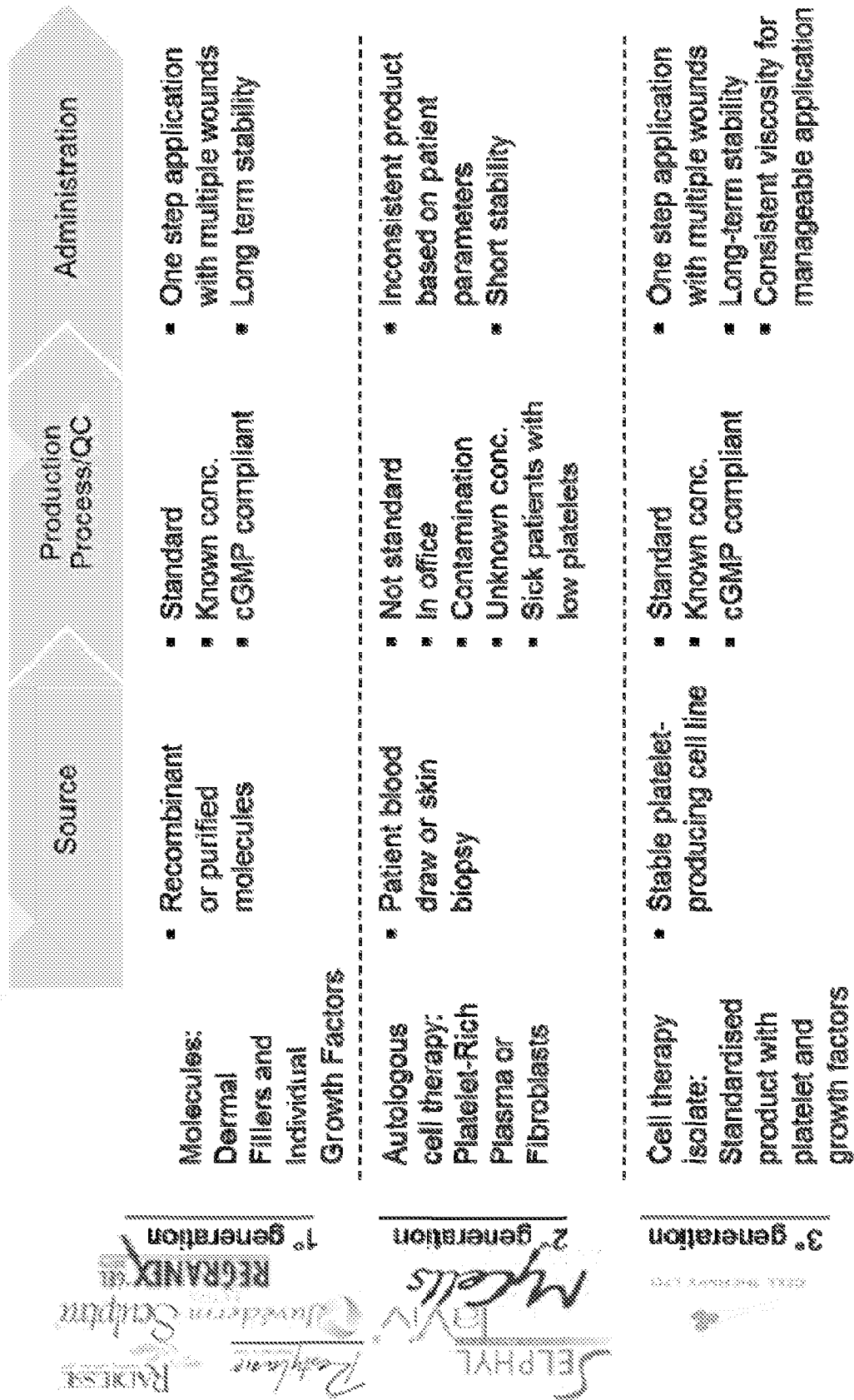


Fig. 5

PLATELET THERAPY QUALITY CONTROLS

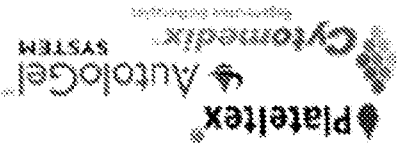
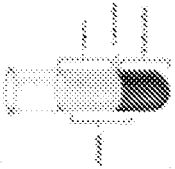
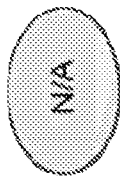
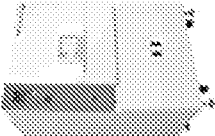
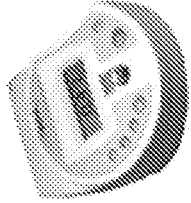
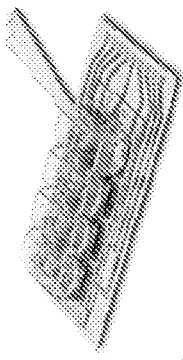
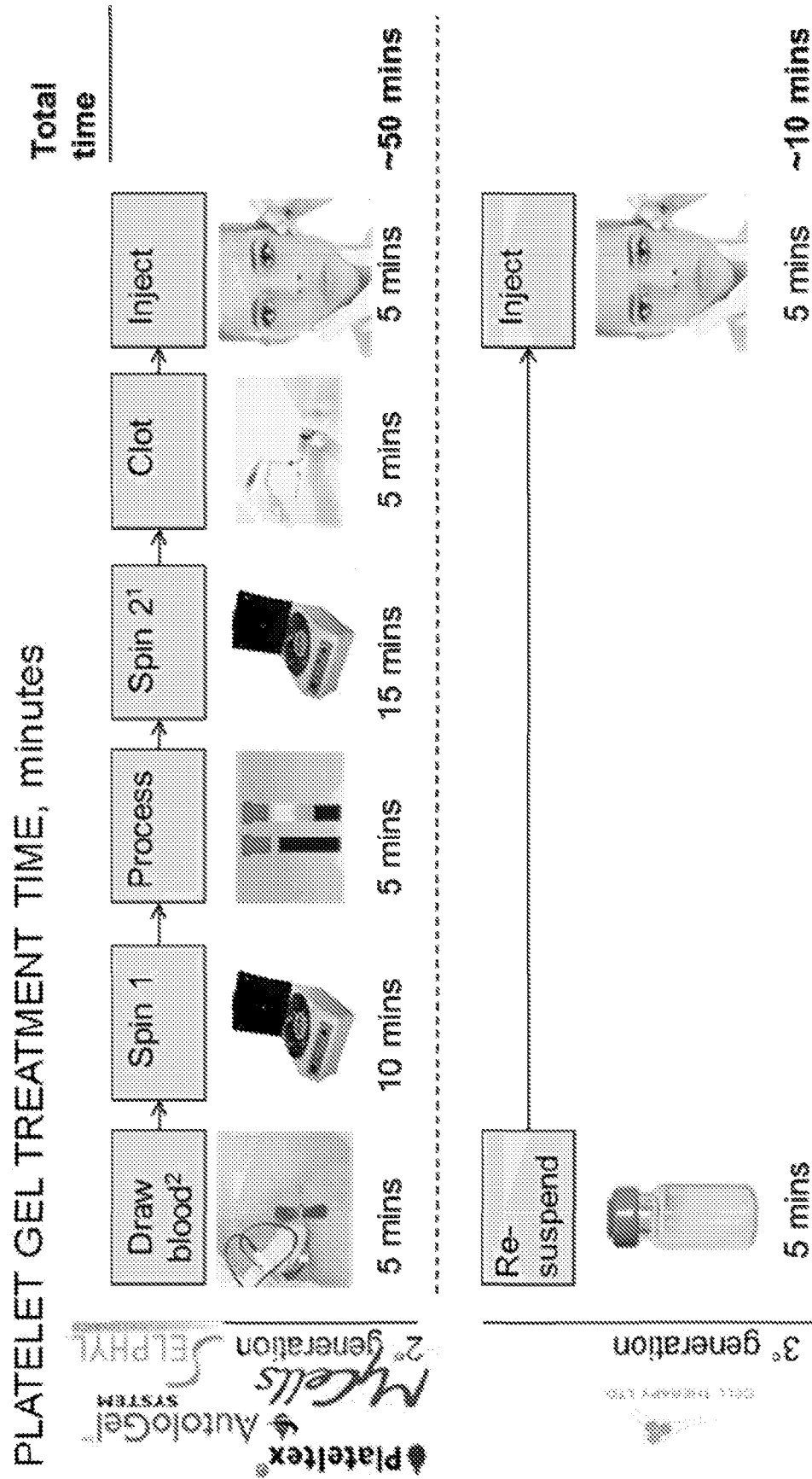
Source	Production	Functionality Test
2nd generation   Autologous source translated to variable platelet count and quality dependent on patient health status	 Multi-step, in-office manipulation and lack of quantitation introduced variability, errors and potential contamination	 No functional of product 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

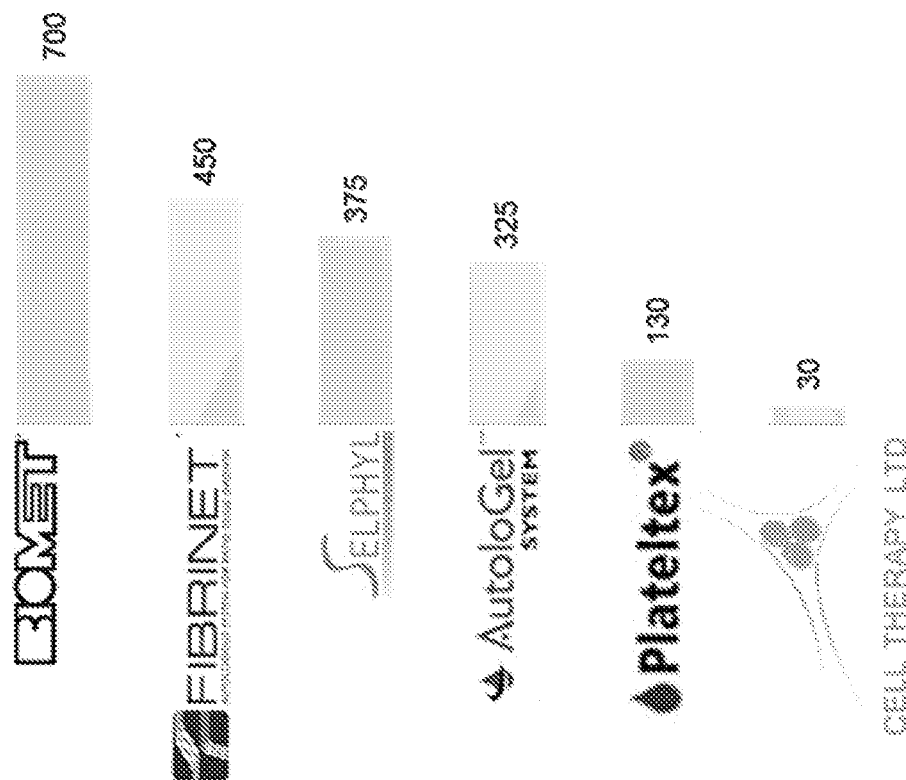
Fig. 6



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

COST PER TREATMENT, US\$



- CTL's allogeneic lyophilised platelet lysate will be removed from storage and administered in approximately 5 minutes
- It is estimated to be priced at \$30 a treatment
- Due to stringent growth curve assays, CTL's manufactured PL is expected to have significantly higher efficacy

1 Lifetime cost includes the costs of managing the ulcer, severe infection, amputation; taking into account healing times and epidemiological outcomes
 2 QALY = quality-adjusted life year