

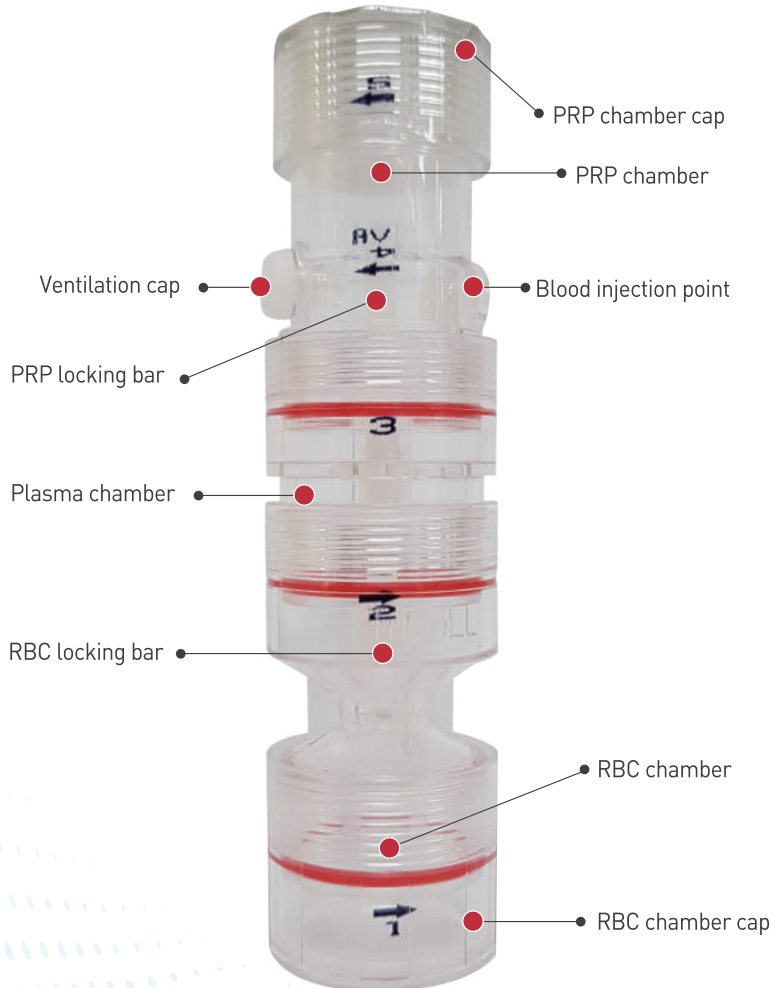
TriCeLL PRP

자가 혈소판 풍부 혈장 치료술

Autologous Platelet Rich Plasma Application



TriCell PRP kit structure



Protection

100%기밀구조 실현
줄기세포를 외부오염으로부터
완벽하게 보호



Technology

결과물 밀도 1~4CC 조절가능
일관성 있는 결과물 추출



Safety

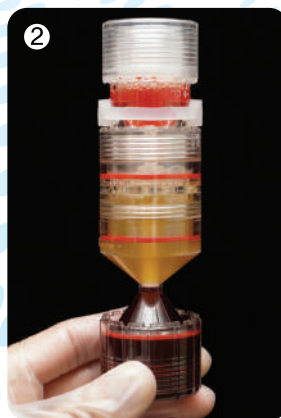
KFDA, CE, JFDA, CFDA
국제적으로 인정받은 안정성

How to Use TriCell



You can see the buffy coat

- Raise buffy coat after 1st centrifuge and isolate RBC using RBC locking bar



- Image shows 3-level separation after 2nd centrifuge



- Insert the syringe through the PRP cap and harvest PRP (PRP density amount in the range from 1cc to 4cc)

○ 자가 혈소판 풍부 혈장 치료술

Autologous Platelet Rich Plasma Application

● 사용목적

주관절의 기능 향상 및 통증 완화

● 사용대상

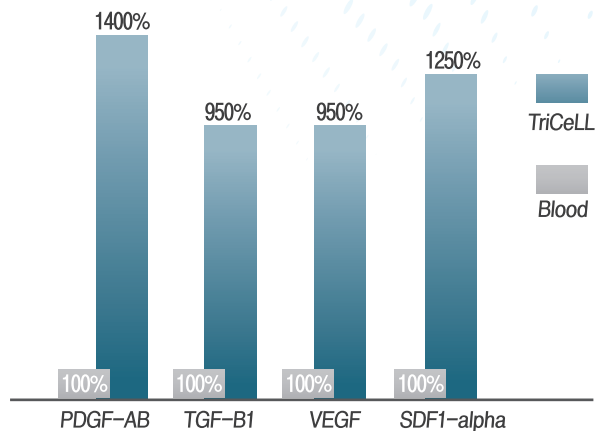
보존치료에 반응하지 않는 상과염 환자

● 시술방법

말초혈액을 채취한 후 원심분리를 통해 분리된 자가 혈소판 풍부 혈장을 상과염 병변에 주입함

○ Growth Factors in platelet

- PDGF (Platelet derived growth factor)
 - Stimulates cell replication
 - Promotes angiogenesis
 - Promotes epithelialisation
 - Promotes granulation tissue formation
- TGF-β (Transforming growth factor beta)
 - Activated platelets and promotes degranulation associated with born development
- VEGF (Vascular endothelial growth factor)
 - Stimulates angiogenesis



Source: Ajou university Hospital

○ Platelet & Growth factors counting results

	Blood: 30ml PRP: 3ml	Platelet count		Recovery rate(%)	WBC (10 ³ /ml)	VEGF (pg/ml)	TGF-beta1 (ng/ml)	SDF1-alpha (pg/ml)	PDGF-AB (pg/ml)
		Platelet count (10 ³ /ml)	Increase Above Baseline(X)						
Patient1.	Whole Blood	218	-	-	4.35	200	0,01	500	400
	PRP	1,973	9	91	24,58	2,000	0,18	18,000	6,000
Patient2.	Whole Blood	240	-	-	4.42	250	0,02	2,000	500
	PRP	2,125	9	89	53,3	2,600	0,19	2,500	7,000
Patient3.	Whole Blood	182	-	-	6,62	400	0,01	2,000	400
	PRP	1,752	10	96	40,86	1,900	0,16	22,000	3,500

Source: Ajou university Hospital

줄기세포, 혈장, 적혈구의 완벽한 분리!
순도 높은 완벽한 결과물

줄기세포
 혈장
 적혈구

TriCell PRP

TriCeLL PRP A World first^{***}
 Three cells are in one kit
 [PCT No. 10-2011-0138589]

<p>Protection</p> <p>100%기밀구조 실현 줄기세포를 외부오염으로부터 완벽하게 보호</p>	<p>Safety</p> <p>KFDA, CE, JFDA, CFDA 국제적으로 인정받은 안정성</p>	<p>Technology</p> <p>줄기세포를 포함하는 유핵세포 분리, 농축기술 보유</p>
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TriCeLL PRP 전용 Centrifuge

제원

- 448.5(W) X 531(D) X 286(H) mm
- 18kg

EU Representative
REV-MED International GmbH
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