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Samyang Biopharmaceuticals Corporation

Business Areas 4 Art Technology 6 Major Achievement Major Locations 5

croquís®

Brand Motive	
MONO	
SCREW	
BARBED CUTTING	
BARBED MOLDING	

SYB Aesthetics

Guaranteed Quality

Brand Vision

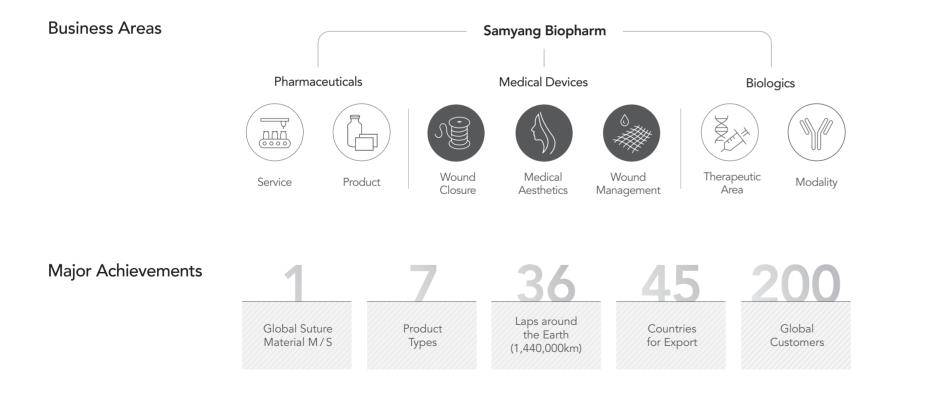
CFOQUÍS[®]as Market Standard ------ 24

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12	* BHS (Barb Holding Strength)	

Samyang Biopharmaceuticals Corporation

Through accumulated experience and technology

With more than 20 years of experience in suture manufacturing and polymer technology, Samyang Biopharm's medical devices business intends to further expand its portfolio of wound management, devices for minimally invasive surgery and medical aesthetics products



Major Location



Samyang Discovery Center (Headquater & R&D Center)

Completion	2016
Related Department	Marketing & Sales / Regulatory Affairs / Planning / R&D Center
Location	Seongnam-si, Gyeonggi-do, Korea

Pharmaceuticals Plant



COMPLETION 1997

PRODUCT Injection. API

LOCATION Daejeon, Korea

CERTIFICATIONS EU GMP, PMDA (Japan), GMP, KGMP (Korea)

Medical Devices Plant



COMPLETION 1996

PRODUCT Sutures, Hemostats. Patches

LOCATION Daejeon, Korea

CERTIFICATIONS KGMP, CE Mark, ISO13485 (Medical Devices), KGMP (Pharmaceuticals)

Samyang Biopharm USA Inc.

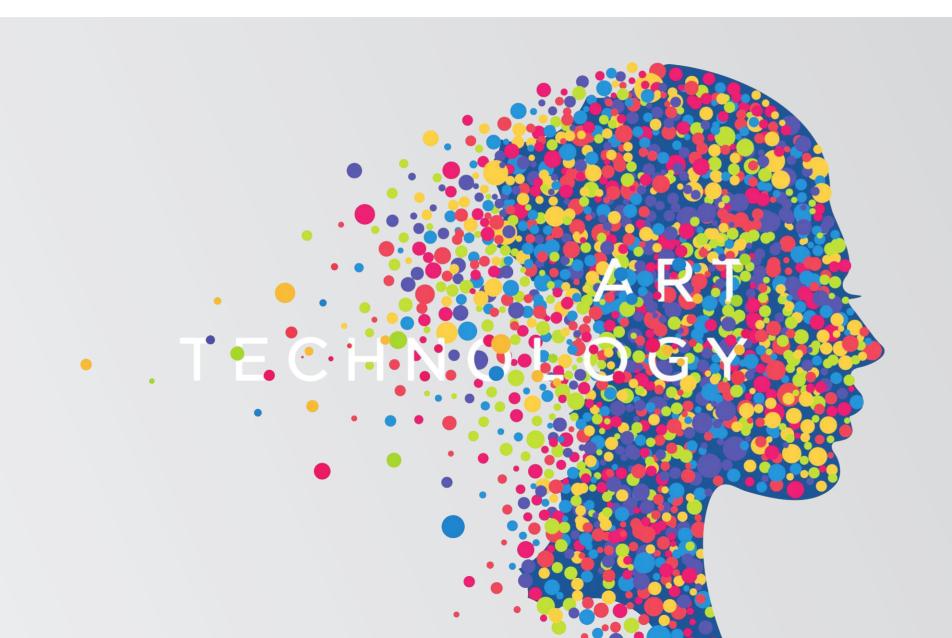


COMPLETION 2018

BUSINESS MODEL

- NRDO
- (No Research Development Only)
- Therapeutics for Oncology and Rare Diseases
- · License-in / Out

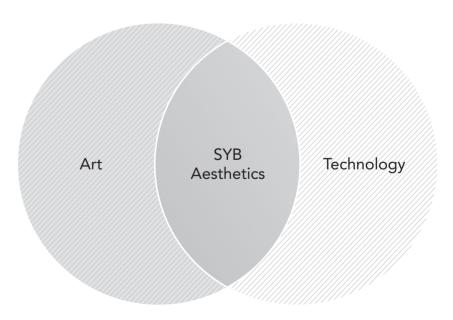
LOCATION Cambridge, MA, USA



SYB Aesthetics

Everyone is born beautiful. The definition of beauty has changed from wanting to look like someone to bringing out your beauty within. Samyang believes such value as art. SYB Aesthetics is derived from combining art with technology. By bringing out your embedded beauty with Samyang's technology, SYB Aesthetics provides a helpful and safe solution to stay young and beautiful.

Art Technology



croquís®

8

Brand Motive

croquís^{*} is motivated by the drawing technique of describing an object in a short period of time. Find your embedded beauty through skin rejuvenation and tissue repositioning.





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croquís[®] MONO stimulates neocollagenesis, which not only improves your overall skin quality but also gets completely absorbed into the body over time.

Material : PDO (Polydioxanone) Contains : 60ea / box (10ea / Al pouch * 6) Thread Type :

Cannula		Thr	ead
Gauge	Length (mm)	Length (mm)	USP
25G	60	90	
230	90	150	5 - 0
27G	60	90	
29G	50	70	
270	40	50	6 - 0
30G	25	30	0-0
500	40	50	
31G	30	30	7 - 0
	40	50	/ - 0

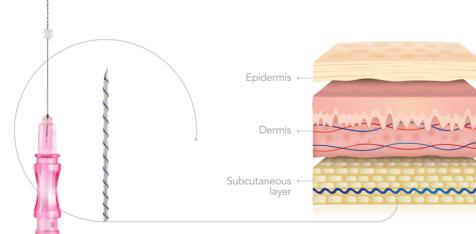
Tightening ●●● Volume ●●●

croquís^{*} SCREW stimulates neocollagenesis, which improves your overall skin and wrinkle through volumization effect. Likewise, SCREW type also gets absorbed into the body over time.

Material : PDO (Polydioxanone) Contains : 60ea / box (10ea / Al pouch * 6) Thread Type :

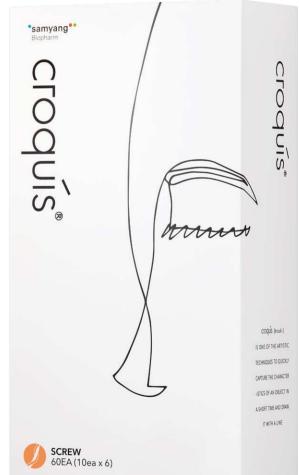
Cannula		Thr	ead
Gauge	Length (mm)	Length (mm)	USP
	50	70	
26G	60	90	5 - 0
	90	130	
27G	40	52	
2/G	50	70	6 - 0
29G	40	52	0-0
270	50	70	

BRINGING THAT SMOOTH AND TIGHT SKIN



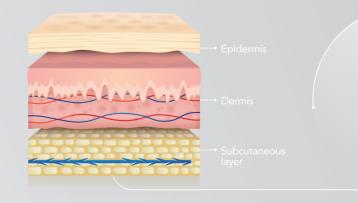


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EC THEP Serryang EP Hungary Co., Ltd.		
Samyang EP Hungary Co., Ltd. H-5100Jaszbereny, NICSO. TELEP 19242, Hungary	SCREW 6 EA	
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PULLING AND HOLDING





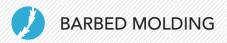
Ø	BARBI	ED CUT	TING		
Skir	Quality	•••	Lifting	•••	

croquís^{*} BARBED CUTTING is used for tissue fixation and repositioning. With absorbable component and neocollagenesis, barbed cutting type provides a younger and beautiful look.

Material : PDO (Polydioxanone) Contains : 30ea / box (6ea / Al pouch * 5)

Thread Type :

m vo du ot	Can	nula	Thr	ead	Barb
product	Gauge	Length (mm)	Length (mm)	USP	Darb
	23G	90	150	4 - 0	
A Type Barb	230	60	110	4 - 0	٠
(Needle)	21G	90	150	3 - 0	(Bi-directional)
	210	60	110	5-0	
	226	90	150	4 - 0	
B Type Barb	60	110	4 - 0		
(Needle)		90	150	3 - 0	
	210	60	110	5-0	L
	20G	90	140	2 - 0	(3D)
		60	105	2 - 0	
B Type Barb (L-Cannula) 190	100	90	140	0	
	170	60	105	0	
	18G	100	150	2	



Skin Quality • • • Lifting • • • +

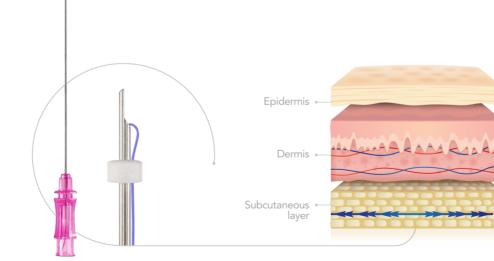
croquís^{*} BARBED MOLDING is used for a stronger lift. By using the pine tree-like barb shape, barbed molding type gives a helpful solution to skin laxity.

Material : PDO (Polydioxanone) Contains : 30ea / box (6ea / Al pouch * 6) Thread Type :

	Threa	d
Length (mm)	Length (mm)	USP
100	185	2
100	185	1
	Length (mm) 100	Length (mm) Length (mm) 100 185

Product Information





G AND KEEPING THAT LIFT



High stability of croquís^{*} can solve quality-related issues during storage and distribution processes. Such stability provides mutual trust to global customers.

Storage Test

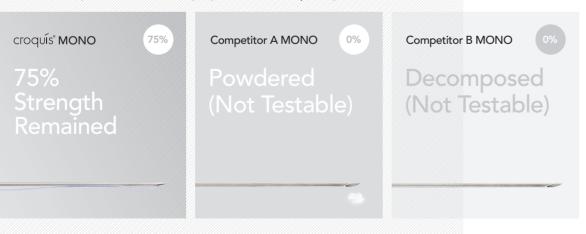


TYPE : MONO USP : 6 / 0

Product	croquís [®] MONO	Competitor A	Competitor B
Туре	MONO	MONO	MONO
USP	6/0	6/0	6/0
Tensile Strength 5 years simulation (%)	75% Strength Remained	Not Testable (Powdered)	Not Testable (Decomposed)

③ Accelerated Aging Condition : 5 year-storage simulation by Q10 Regulation (Ref. ASTM F1980-16)

Result after 5-year accelerated aging test with competing brands

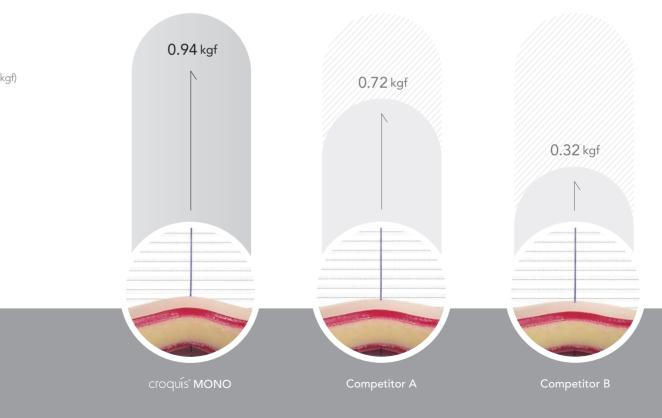


BHS Test



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BHS : Barb Holding Strength (kgf)
USP : 0
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croquís^{*} BARBED CUTTING type's high BHS demonstrates effective facial lifting.



Brand Vision

CFOQUÍS[®] as Market Standard

SYB Aesthetics provides high and safe quality products through Portfolio Expansion well-controlled and strict manufacturing process. Anti-aging Art Technology croquís® SYB Aesthetics

Academy Clinical Study Lifting Network Platform Tightening

Quality Assurance



Category	Description
Pouch Characteristic	Easy Peel
Sterilization	EO Gas / Drying
Storage Period	3 Years
Storage Condition	Room Temperature

Draw your beauty, Capture the moment



