

Company Introduction

2020.05.26



WELCOME TO C. Y. MEDICAL CO., LTD.



TOTAL BLOOD-BAG SYSTEM SOLUTIONS PROVIDER

C.Y. Medical Co. Ltd. is a medical device manufacturer specialized for blood-transfusion solutions due to the synergy effect of long-time accumulated know-how and experience in blood bags and raw materials.

Our most priority is to provide the most effective blood-bag system for better health care, while meeting the stringent requirements of blood banks and transfusion services which provide lifelines services to hospitals, patients, and donors.

 BLOOD BAG	 BLOOD BAG SHEET
 ACCESSORIES	 NEEDLE & CANNULA

Company Introduction



40 years



MEDICAL GRADE PVC COMPOUND

- Extremely fine raw material produced by 9-screw planetary extruder
- 40 years of accumulated technology and know-how for the optimum materials

TOTAL BLOOD BAG SOLUTIONS PROVIDER

Materials + Products
All-round manufacturer with the deepest knowledge in both **Raw Materials & Blood-Bag** products.

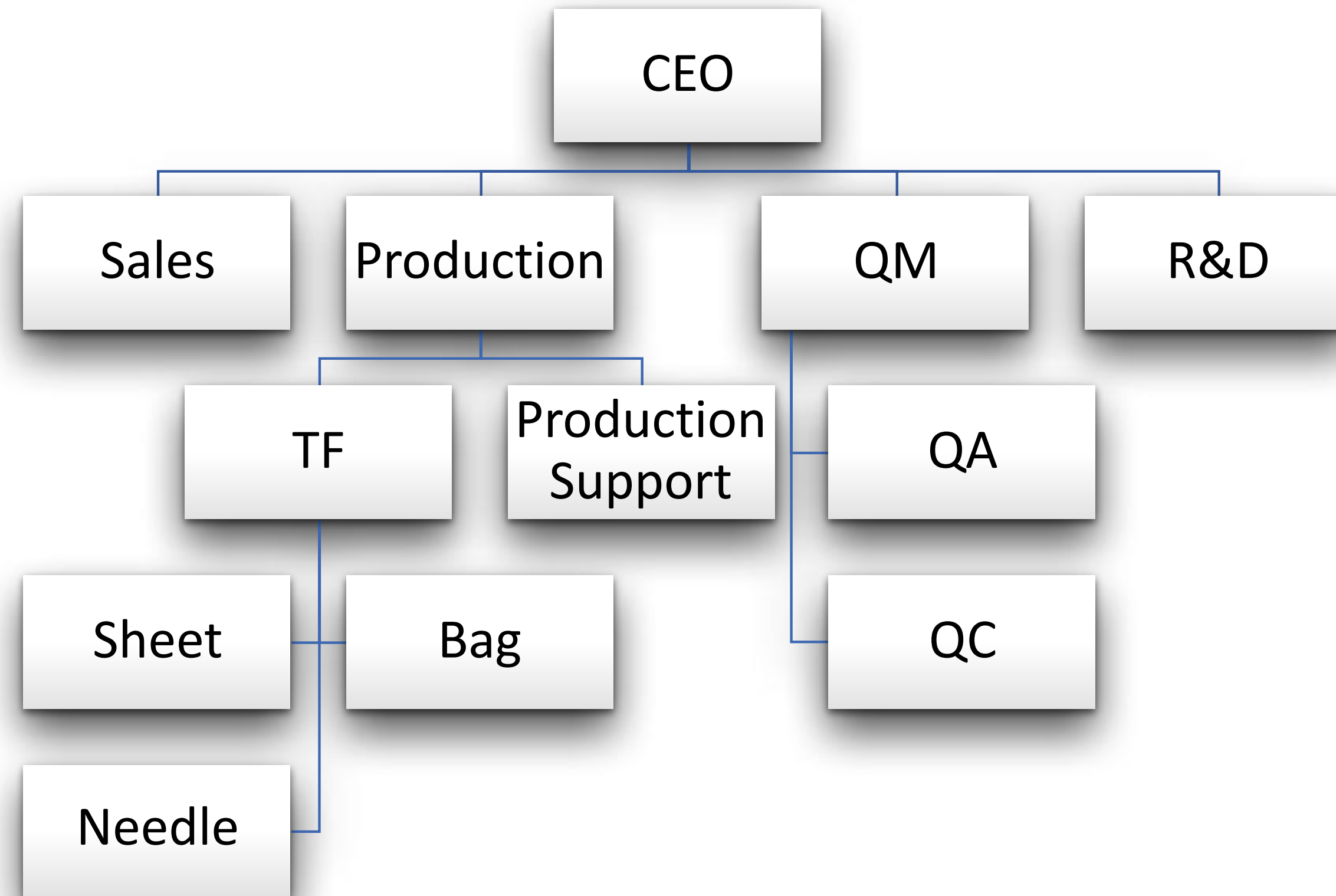
40 years



BLOOD BAG & B/D NEEDLE

- Proven-quality products with recognitions from worldwide customers
- The most optimized blood-bag & BD Needle existing in the world, with 40 years of accumulated experience.

Organization Chart



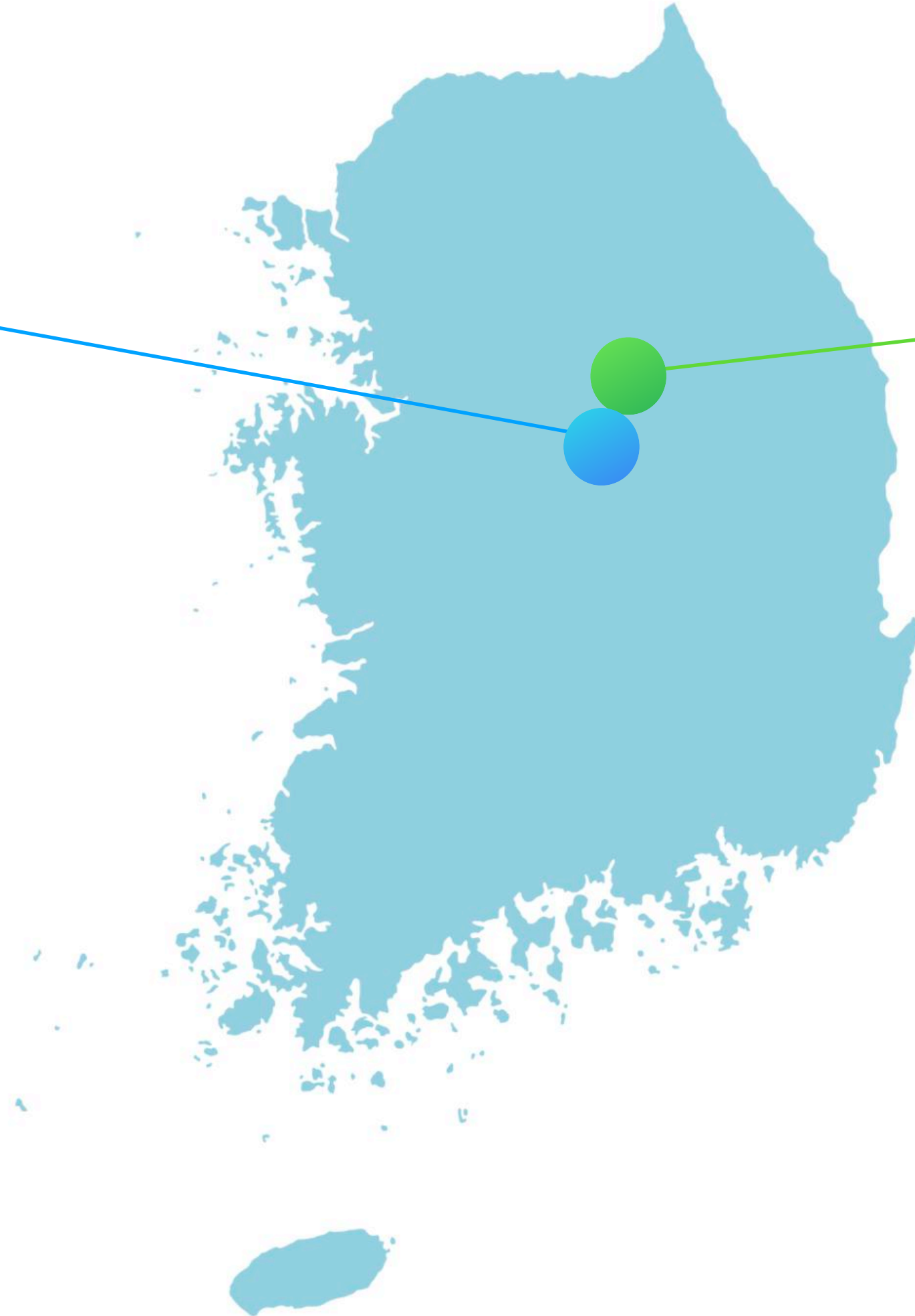
TOTAL	CEO	PLANT MANAGER	SALES	SHEET	PRODUCTION MANAGEMENT	BAGS	NEEDLE	QA	QC	R&D
27	1	1	2	8	2	3	3	1	3	3

Manufacturing Sites

C.Y. Chemical Plant
Medical-Grade PVC
Medical-Grade Tubing

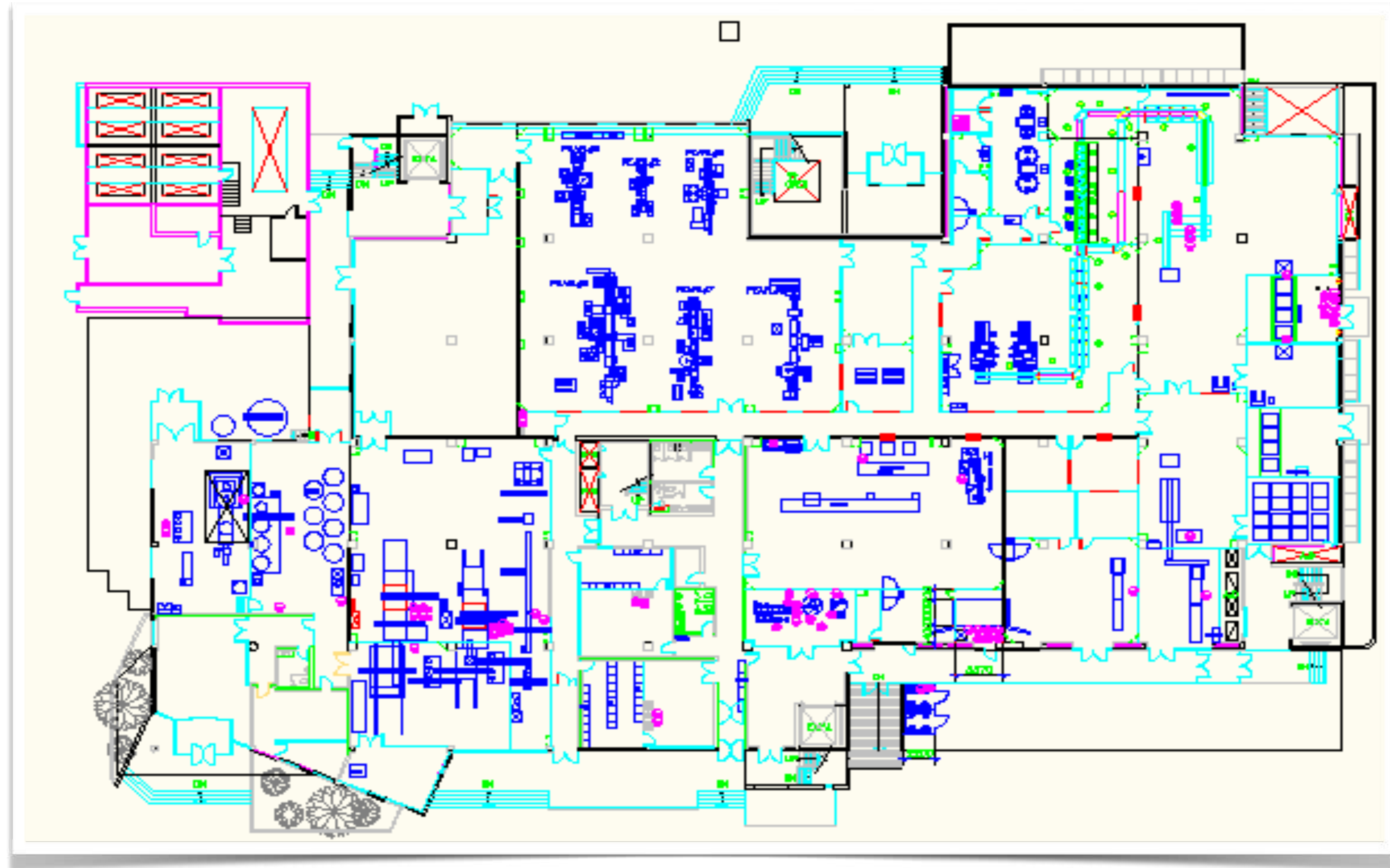


C.Y. Medical Plant
● Blood Bag
● B/D Needle



C.Y. Medical Co., Ltd.

C.Y. Medical Plant Layout



Company History - C.Y. Chemical Co., Ltd.



1998

- Founded company as CHANGYOUNG Chemical Co.
- Launched Medical Grade PVC Compound Production Line.

2001

- Factory relocated to: Anseong Province.
- Launched Medical Grade Tube Production Line.

2008

- Certified as a Venture Business by KOSME(Ministry of SMEs and Startups)
- Completed establishing a New Factory at Eumsung province.

2009

- Planetary Extruder installation completed for Medical Grade Compound production.
- Automated the production line of Medical Grade PVC Compounds.
- Acquired ISO 9001 Certification.

2013

- Recognized as an IBK Family Company by the Industrial Bank of Korea
- Established R&D Division.
- Acquired ISO 14001 Certification.

2014

- Launched Medical Grade TPU Tube Production Line.
- Certified as INNOBIZ company by KOSME(Ministry of SMEs and Startups)

2015

- A new Planetary Extruder had been added to the Medical Grade PVC Compound production line.
- Perfectly separated the DEHP-Free Line from the conventional DEHP Line.

2016

- Completed extension of Eumseong factory(Site Area: 5,883m2, Building Area: 3,197m2)
- CHANGYOUNG Chemical R&D Center established.

2017

- Established CHANGYOUNG Medical Co., Ltd. as a separate corporation.
- Added a 3rd Planetary Extruder to the existing DEHP-Free Medical Grade PVC Compounds Line.

2018

- Started developing Medical Grade PVC Sheet.
- Started developing Adhesive Medical Grade TPE Tube.

2019

- Launched Medical Grade TPE Tubing Production Line.

2020

- Designated as 'Promising Small and Medium Enterprise in Export' by MSS.

C.Y. Medical Co., Ltd.

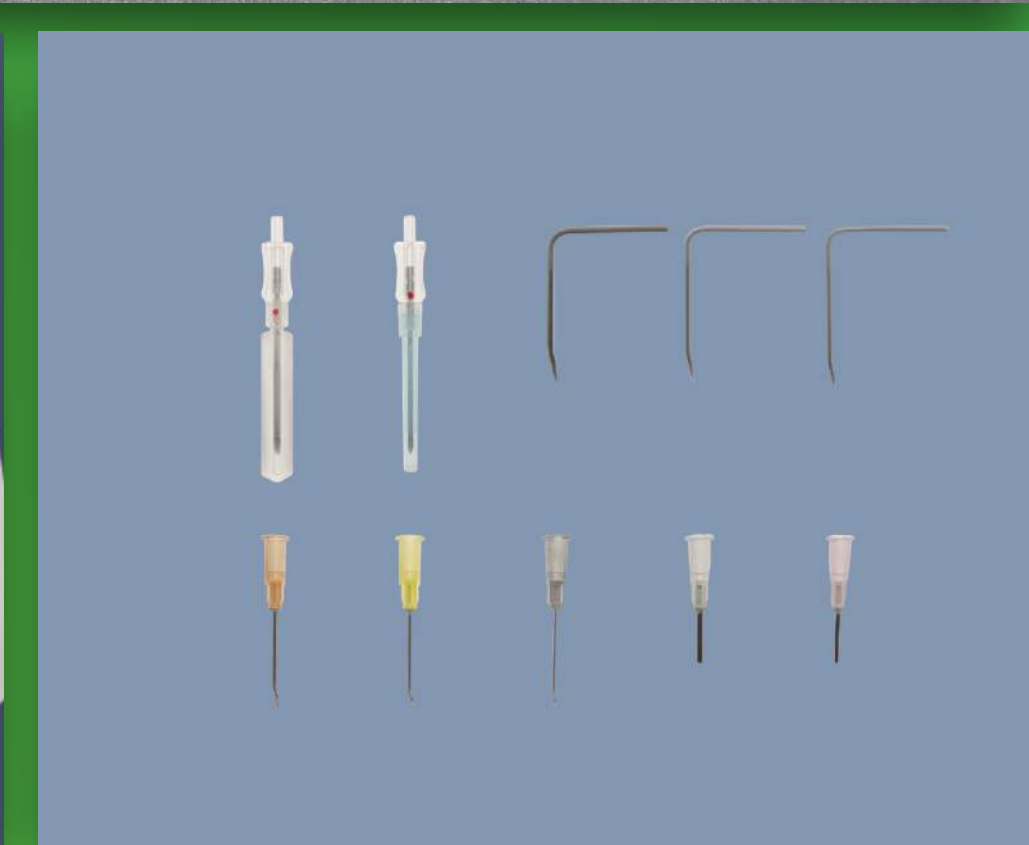
Company History - C.Y. Medical Co., Ltd.

1998

- Founded company as C.Y. Medical Co. Ltd.

2020

- Acquired Blood-Bag Business from GCMS(GRENCROSS MS)
- GMP Certification acquired.
- ISO 13485 acquired.



Our Products(Entire)

TOTAL BLOOD-BAG SYSTEM PROVIDER

We cover the entire process of blood bag system from the materials to the End Products.



- Medical Grade PVC Compound(DEHP)
- Medical Grade PVC Compound(DEHP-Free)
DOTP / DINCH / TOTM
- Medical Grade PVC Tubing(DEHP & DEHP-Free)
- Medical Grade TPE/TPU Tubing
- Enteral Feeding Set
- Blood Bag / BD Needle

Blood Bag System



We continuously improve our blood bags to meet the stringent requirements of blood banks and transfusion services which provide lifelines services to hospitals, patients, and donors.

It is our responsibility to ensure a more effective use of precious blood resources for better health care.

Blood Bag Sheet



01

CALENDER TYPE

- Our PVC Sheet especially designed for Blood-bag is produced in calender type, which provides even and flat surface compared to T-Die(Slit-Die) method.

02

EMBOSSING

- We provide various types of Embossings such as Regular Shape, Diamond Shape, and even Partial Embossing Shape.

03

LOW-SHRINKAGE

- Low-shrinkage less than 3 percent prevents you from many issues in the manufacturing process.

04

ALL-CUSTOMIZED

- We provide all customized blood bag sheet upon your requirements.
1) Thickness: 0.35 ~ 0.48mm
2) Widths: ~250mm

C.Y.Medical Co. Ltd.'s blood bag sheet shows cutting edge technology accumulated over the past 40 years. Various embossing shapes, thicknesses, and shrinkage rates of less than 3% provide optimal PVC-Sheet for your needs.

ACCESSORIES



We provide a variety of customized accessories for blood bag production.

NEEDLE & CANNULA



BLOOD DONOR NEEDLE

Size	Feature
16G	Hard Cap
16G	Soft Cap

HUBER CANNULA

Size	Feature
22G	
20G	
19G	

PH NEEDLE

Size	Feature
18G	Blunt
16G	Blunt
22G	
20G	
19G	

Designed for maximum donor comfort and improved flow capacity, C.Y. Medical Co. Ltd.'s Needle & Cannula are widely preferred by donors and phlebotomists alike. plus, Total-Sealed needle caps guarantee 100% sterility.



Welcome to C.Y. Medical Co. Ltd.

Thank you

C.Y. Chemical

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