



주식회사 용창

# YONG CHANG

Yong Chang is a company that develops professional medical needles and syringes based on excellent technology, manufactures medical devices, and provides specialized medical devices and services.



# GREETINGS

YONG CHANG Co., Ltd. is a specialized medical device manufacturer engaged in the development and production of medical syringes and needles based on advanced technological expertise. Since its establishment in 1999, YONG CHANG has continuously invested in research and development, delivering a wide range of medical devices that meet verified safety and quality standards and earning trust from medical professionals.

Our product portfolio includes: Class I non-sterile needles, Class II sterile needles, medical syringes, filler cannulae, Class III puncture needles, and Class IV surgical sutures. Through the production of these diverse medical devices, we have accumulated extensive manufacturing experience and technical know-how.

In 2020, YONG CHANG supplied **COVID-19 vaccine syringes to the Korean government**, officially demonstrating its technological capabilities. Building on this achievement, we have established **automated production lines** to further enhance manufacturing efficiency and product consistency. Additionally, we hold **over 20 patents and 45 design and trademark registrations**, enabling us to deliver differentiated products based on proprietary technologies.

YONG CHANG is certified to **KGMP and ISO 13485** standards and has obtained **FDA registration, ANVISA approval, and CE MDR certification**. With a strong commitment to safety and quality, we will continue to make every effort to become a trusted company in the global medical device market.

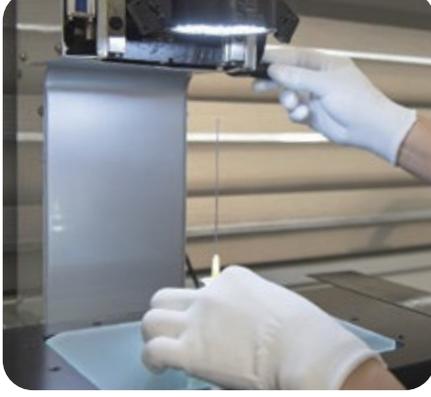


# HISTORY

- **2025**    **Jul**    First Domestic Certification for Manufacturing AVF Needle Sets
  
- **2024**    **Feb**    World's First Production and Regulatory Approval of 35G Needles  
               **Aug**    CE MDR Application Submitted(Filler Cannula, Meso Needles)  
               **Dec**    Factory Relocation & Expansion
  
- **2023**    **Mar**    Establishment of the 2nd Manufacturing Plant
  
- **2022**    **Feb**    Apply US of the Whole product of Yongchang  
               **Sept**    Apply Brazil ANVISA of the Whole product of Yongchang
  
- **2021**    **Jan**    Manufacturing Syringes for Covid-19 Vaccine  
               **May**    Achievement CE Certificate of Insulin syringe and Puncture needles  
               **Jun**    Supply the Syringes for Covid-19 Vaccine to Korean Government
  
- **2020**    **Jan**    Start production of Spinal and Epidural needle  
               **Jun**    Achievement CE Certificate of Sterile needles and Blunt type needles  
               **Sept**    Start production of Insulin Syringes
  
- **2019**    **Jan**    Move to new buliding in Gimpo-si  
               **Feb**    Achievement KGMP 4th Grade
  
- **2017**    **Oct**    Start production of Meso needle and Filler Cannula
  
- **2016**    **Aug**    Convert to a corporation
  
- **2011**    **Mar**    ISO 1st certification
  
- **2004**    **Nov**    Medical Device manufacturing business permission, KGMP
  
- **1999**    **May**    Establish Yongchang company

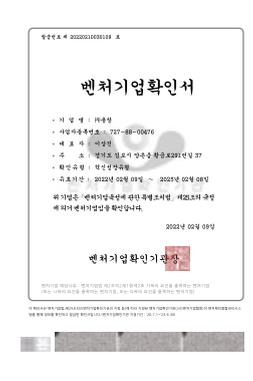
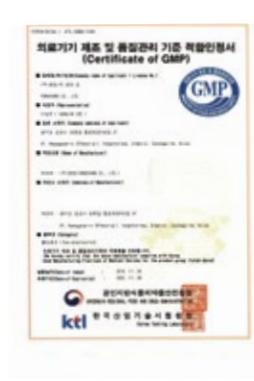
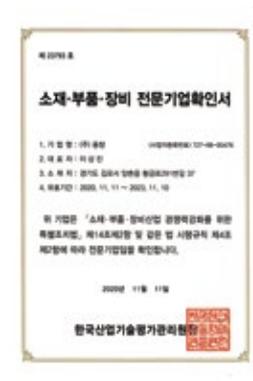
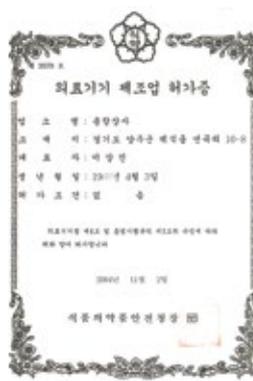
# MANUFACTURING FACILITIES

제조시설



# AUTHENTICATION CERTIFICATE

인증서



# MESO NEEDLES



메조니들



25G



27G



29G



30G



32G



33G



34G



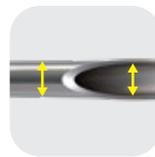
35G

## Advantages

- Provides high quality.
- Offer various needle length from 1mm to 13mm.
- Convenient to use as a hard cap type.
- Safety hub for injection with screw type.



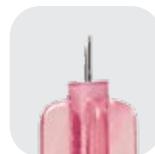
**Back Cut** needle tip design for smooth and precise penetration with minimal tissue trauma



**ETW (Extra Thin Wall)** technology to maximize inner diameter, enabling smooth and consistent fluid flow



**Screw-type hub (Luer lock compatible)** to prevent pop-off during injection and ensure secure connection



**Optimized short needle length** for controlled intradermal and superficial subcutaneous injections



**Minimal insertion discomfort,** supporting patient comfort during procedures



**Compatible with all major standard syringes,** including luer-lock and luer-slip systems



**EO sterilized, single-use, individually packaged** to ensure safety and sterility



Manufactured under an **ISO 13485 certified quality management system**

### ○ Packaging Options

- 25pcs Inner Box
- 50pcs Case
- 500pcs Polybag



### ○ Spec

Gauge	Color	Length	I.D.(ETW)
23G		13mm	0.460mm
25G		13mm	0.370mm
27G		13mm	0.280mm
29G		13mm	0.240mm
30G		2mm / 4mm / 6mm / 8mm / 11mm / 13mm	0.200mm
31G		2mm / 4mm / 6mm / 8mm / 11mm	0.140mm
32G		2mm / 4mm / 6mm / 8mm / 11mm	0.130mm
33G		2mm / 4mm / 6mm / 8mm	0.120mm
34G		1mm / 1.5mm / 2mm / 4mm / 6mm	0.105mm
35G		1mm / 1.5mm / 2mm / 4mm / 6mm	0.095mm

# SHARP NEEDLES

1mm | 1.5mm | 2mm

**DESIGN PATENT HELD**

Application No. **30-2016-0030095**



**34G**

**35G**

World's First  
Certification  
Achieved



Patented Design  
Prevent pop-off risk

- 1 Precise ETW inner diameter
- 2 Minimized pain & skin trauma
- 3 Optimized for aesthetic procedures
- 4 Stable and reliable performance

# MULTI NEEDLE

멀티니들



## Definition

### Perfect Depth, Uniform Delivery :

The YC Multi Needle Series is designed to deliver consistent insertion feel  
And reliable injection performance through precision-engineered needles  
And a stable hub structure.

### Precision Depth Control for Advanced Procedures :

The YC Multi-Needle Series is developed based on the same operating principles and materials as the Sharp Needle Series, integrating A multi-pin structure for controlled and stable insertion.

## Advantages

- **Fixed Depth Control** : The safety housing ensures a consistent injection depth (1.0mm to 4.0mm), allowing precise targeting of specific skin layers.
- **Multi-Channel Distribution** : Multiple micro-needles (2, 3, 4 pins) distribute the drug evenly Over a broad area, reducing procedure time and maximizing results.
- **Ultra-fine Painless Technology** : Ultra-fine needles ranging from 30G to 35G minimize patient pain, bleeding, and tissue trauma.
- **Premium PC Material** : High-strength Polycarbonate (PC) hubs provide secure Luer-lock connections and excellent clarity.

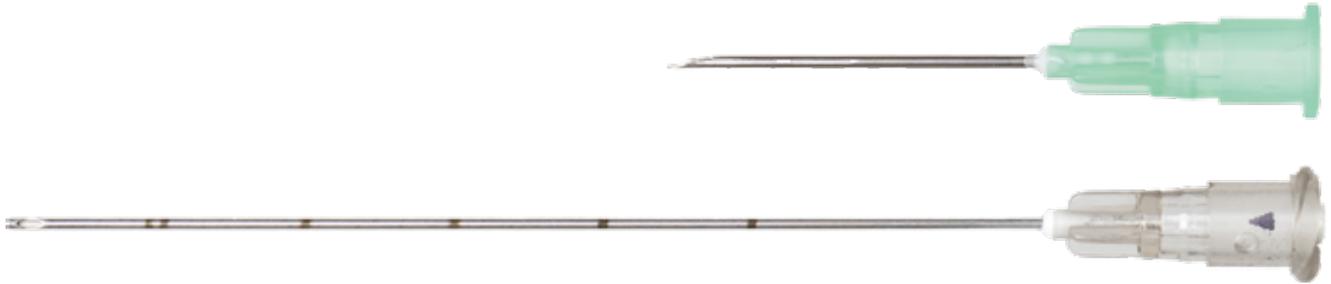
## Spec

Gauge	Color	Length	Pin
30G		1mm / 1.5mm / 2mm / 4mm	2Pin / 3Pin / 4Pin
31G		1mm / 1.5mm / 2mm / 4mm	2Pin / 3Pin / 4Pin
32G		1mm / 1.5mm / 2mm / 4mm	2Pin / 3Pin / 4Pin
33G		1mm / 1.5mm / 2mm / 4mm	2Pin / 3Pin / 4Pin
34G		1mm / 1.5mm / 2mm / 4mm	2Pin / 3Pin / 4Pin
35G		1mm / 1.5mm / 2mm / 4mm	2Pin / 3Pin / 4Pin

# FILLER CANNULA



필러캐놀라

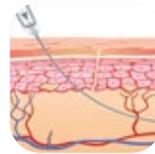


## Advantages

- Filler cannula with blunt tip are performed more quickly with less pain.
- Convenient to use as a hard cap and blister packing type.
- Safety hub for injection with screw type.
- Marking on cannula at 10mm intervals.
- KFDA, ISO 13485, CE, FDA Certification.



**Blunt-tip design** to minimize vessel damage and reduce the risk of complications such as intravascular injection.



**High flexibility** for smooth gliding through subcutaneous tissue, allowing for broader coverage with a single insertion.



**Side-hole delivery** for precise and uniform filler distribution, ensuring natural-looking results.



**ETW (Extra Thin Wall)** technology to maximize the inner diameter, reducing extrusion force and ensuring a steady flow of high-viscosity fillers.



**Screw-type hub (Luer lock compatible)** to prevent pop-off during injection and ensure secure connection.



**EO sterilized, single-use, individually packaged** to ensure the highest standards of safety and sterility.



**Manufactured under an ISO 13485 certified** quality management system for consistent medical-grade excellence.



**Spec**

Gauge	Color	Length	I.D.(ETW)
18G		50mm / 70mm	1.041mm
21G		40mm / 50mm / 70mm	0.610mm
22G		40mm / 50mm / 70mm	0.522mm
23G		40mm / 50mm / 70mm	0.460mm
24G		40mm / 50mm / 70mm	0.350mm
25G		40mm / 50mm / 70mm	0.300mm
27G		40mm / 50mm / 70mm	0.260mm
30G		25mm	0.190mm

# OSG CANNULA



OSG 캐놀라

Patented product



## Advantages

- Easy identify the procedural site.
- Reduction of medical procedure time.
- The cannula is easily inserted into the punching needle.
- Patient fatigue can be reduced.



Punching Treatment area



Insert the cannula into the needle



Filler injection

## Spec

### Filler Cannula

Gauge	Color	Length
21G		40mm / 50mm / 70mm
22G		40mm / 50mm / 70mm
23G		40mm / 50mm / 70mm
24G		40mm / 50mm / 70mm
25G		40mm / 50mm / 70mm
27G		40mm / 50mm / 70mm
30G		25mm

+

### Punching Needle

Gauge	Color	Length
20G		5mm
21G		5mm
22G		5mm
23G		5mm
23G		5mm
25G		5mm
25G		5mm

# CANNULA

캐놀라



## Spec

Cannula	Gauge	Length
Back cut	18G~30G	25mm~100mm
D type	18G~23G	60mm / 90mm / 100mm
F, U type	19G~30G	25mm~100mm
W type	18G~23G	38mm~100mm

## Thread Type



### MOLDING COG

TULIP 1 

TULIP 2 

VENUS 1 

VENUS 2 

THOR 1 

EMBO 

### COG

A-Type 

B-Type 

A-Type(3D) 

B-Type(4D) 

### MONO



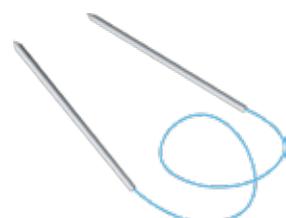
### BROOM



### SCREW



### DOUBLE ARM



# SPINAL NEEDLE



척수마취용침



## Definition

A spinal needle is a thin, long, precision needle designed to access the subarachnoid space for procedures such as spinal anesthesia, CSF sampling, or diagnostic injections.

## Advantages

- **Fine Gauge & Long Shaft** : Enables accurate penetration into the subarachnoid space.
- **Pencil-Point or Quincke Tip** : Minimizes tissue trauma and reduces the risk of post-dural puncture headache (PDPH).
- **Clear Depth Markings** : Allows clinicians to control insertion depth precisely.
- **Luer Hub with High Visibility** : Provides secure connection and easy identification.
- **Stylet Included** : Prevents tissue coring during insertion.

## Spec

Model	Gauge	Color	Length	Inner O.D.
YCQB018090	18G		90mm	0.90mm
YCQB020090	20G		90mm	0.55mm
YCQB021090	21G		90mm	0.40mm
YCQB022090	22G		90mm	0.37mm
YCQB023090	23G		90mm	0.35mm
YCQB024090	24G		90mm	0.32mm
YCQB025090	25G		90mm	0.30mm
YCQB026090	26G		90mm	0.27mm
YCQB027090	27G		90mm	0.22mm

# EPIDURAL NEEDLE



경막외투여용침



## Definition

An epidural needle is a thick-walled, rigid needle specifically designed to enter the epidural space for anesthesia or analgesia, especially in labor or postoperative pain management.

## Advantages

- **Tuohy Curved Tip** : Directs the catheter smoothly into the epidural space while reducing the risk of dural puncture.
- **Larger Internal Lumen** : Designed to facilitate easy catheter insertion.
- **Rigid Stainless Steel Cannula** : Ensures better control and tactile feedback during the loss-of-resistance technique.
- **Depth Graduation Marks** : Help identify the needle's position relative to tissue layers.
- **Ergonomic, Color-Coded Hub** : Enhances handling and size identification.

## Spec

Model	Gauge	Color	Length	Inner O.D.
YCEP018090	18G		80mm	0.80mm
YCEP020090	20G		80mm	0.55mm
YCEP022090	22G		80mm	0.37mm
YCEP023090	23G		80mm	0.35mm
YCEP025090	25G		80mm	0.30mm

# A.V FISTULA NEEDLE SET

Precision for life, safe and reliable dialysis solutions

비이식형 혈관접속용 기구



## Anti-coring side hole

원활한 혈류 확보와 혈관벽 손상 위험 최소화에 도움을 줍니다.



## Keneko Medix Needle

초정밀 3면 커팅으로 매끄럽고 정확하게 천자하여 혈관 손상을 최소화 합니다.

## Ultra Thin Needle Wall

최적의 혈류를 보장합니다.

## Soft handle structure

조작 시 안정적인 그림으로 시술 정확성을 높입니다.

## Safety Type

단일동작으로 이중 안전장치가 가동되어 의료진을 보호합니다.

## Flexible and consistent tube

막힘없는 일정한 혈류를 통해 환자의 안전성을 보장합니다.

## Complete blood flow blocking Clamp

혈액 흐름을 일시적으로 차단 할 수 있어 안전하게 조작 가능합니다.

## Triple structure Luer Lock type

시술 중 이탈·누출 등을 완벽하게 차단합니다.



## Spec

Model	Gauge	Color	Cannula Size	Tube Length	Safety type
YAVF015025	15G		1.82 x 25mm	300mm	x
YAVF016025	16G		1.65 x 25mm	300mm	x
YAVF017025	17G		1.45 x 25mm	300mm	x
YASF015025	15G		1.82 x 25mm	300mm	o
YASF016025	16G		1.65 x 25mm	300mm	o
YASF017025	17G		1.45 x 25mm	300mm	o

# DISPOSABLE NEEDLES



멸균주사침



## Advantages

- YONG CHANG needles offer best quality from 16G to 30G
- Various types of inner diameter sizes available.
- YONG CHANG needles are intended for subcutaneous, intramuscular and intravenous applications.
- Silicon coating achieves smoother, lower-drag insertions.
- KFDA, ISO 13485, CE certificate

## Spec

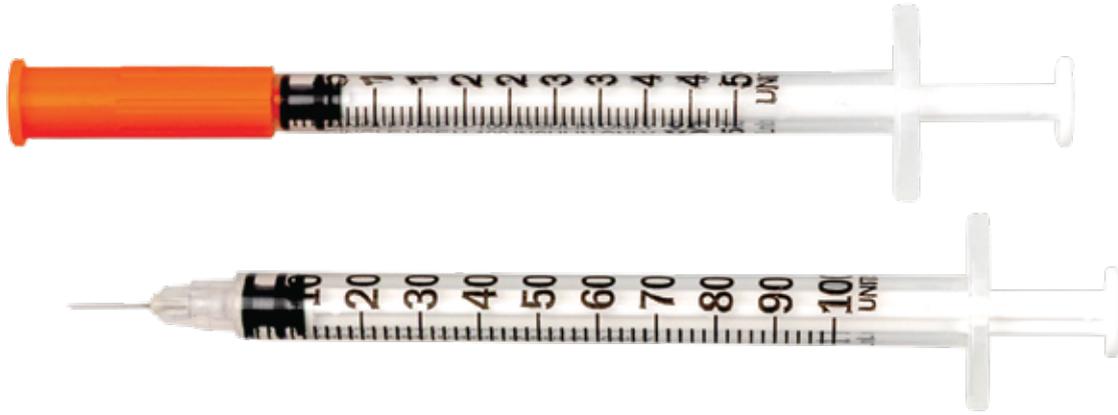
Gauge	Color	Length
16G	White	25mm~150mm
17G	Purple	25mm~150mm
18G	Pink	25mm~150mm
19G	Yellow	25mm~150mm
20G	Yellow	25mm~150mm
21G	Green	25mm~150mm
22G	Black	25mm~150mm
23G	Blue	25mm~150mm
24G	Purple	19mm~140mm
25G	Orange	16mm~140mm
26G	Brown	13mm~130mm
27G	Grey	13mm~100mm
28G	Blue	13mm~100mm
29G	Pink	13mm~100mm
30G	Yellow	13mm~40mm



# INSULIN SYRINGE



인슐린 주사기



## Advantages

- The needle is directly attached to the syringe without a hub.
- Medical grade lubricant minimizes penetration resistance.
- smooth movement of plunger alleviates patient discomfort.
- KFDA, ISO 13485



## Spec

Capacity	Gauge	Length
0.5mL	29G	13mm
1mL	30G	8mm
	31G	8mm
	32G	4mm / 6mm / 8mm / 13mm
	33G	4mm / 6mm / 8mm
	34G	4mm / 6mm

# DISPOSABLE SYRINGE



주사기



## Advantages

- Designed for comfortable injections.
- Design of luer lock and luer slip connectors.
- LDS unibody syringe used for COVID-19 vaccine helps to reduce the amount of fluid.
- KFDA, ISO 13485 certification.

## Spec

Capacity

Type

1mL	Luer Lock / Luer Slip / LDS / Unibody
2mL	Luer Lock / Luer Slip / LDS
2.5mL	Luer Lock / Luer Slip / LDS
3mL	Luer Lock / Luer Slip / LDS
5mL	Luer Lock / Luer Slip
10mL	Luer Lock / Luer Slip
20mL	Luer Lock / Luer Slip
30mL	Luer Lock / Luer Slip
50mL	Luer Lock / Luer Slip
60mL	Luer Lock / Luer Slip





# YONG CHANG

MEDICAL NEEDLES DISPOSABLE / MEDICAL EQUIPMENTS

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