

# CMT Product Brochure\_Safety Infusion 2025

A better source for high-quality, affordable drug delivery products.

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#### This is the CMT Health Singapore:

CMT Health, headquartered in Singapore and driven by a global vision, stands at the forefront of innovation in drug delivery solutions. With a robust presence across diverse sectors—including hospital acute care, laboratory testing, nursing centers, home care, and veterinary clinics—CMT Health leverages over 20 years of cutting-edge research and development expertise. Our commitment is to deliver safe, efficient, and cost-effective devices to customers around the globe.

Our growth is deeply rooted in a profound understanding of our customers' needs. By partnering with major international hospital systems, we create solutions that are both secure and economically viable. Our comprehensive portfolio is organized into three pivotal areas of drug delivery:

- Safety Fluid Injection: Advanced solutions for vaccination, nutritional feeding, and diabetes management.
- **Safety Specimen Collection:** Precision tools for the collection and processing of blood, urine, and specialized medicinal fluids.
- **Safety Infusion Therapy:** Innovative devices for vascular access, encompassing flushing, indwelling, and accessing systems.

In addition, CMT Health extends its expertise to the veterinary sector with a comprehensive portfolio of syringes and needles tailored for livestock, including swine, cattle, and goats. Our innovative devices are playing a crucial role in safeguarding animal health globally.

The top-tier manufacturing capabilities laid the foundation of CMT's qualities and abilities, bolstered by a global footprint in Southeast Asia, China, and Europe. These capabilities not only enhance production efficiency but also ensure adherence to stringent quality standards, integrate advanced technologies for precision engineering, and foster innovative practices that streamline operations. Additionally, CMT's commitment to sustainability and continuous improvement enables the company to respond agilely to market demands while maintaining excellence in product quality and reliability.

CMT Health is steadfast in its commitment to environmental, social, and governance (ESG) principles. We prioritize the well-being of our shareholders, employees, suppliers, customers, and the environment, reflecting our dedication to sustainable and responsible practices.

Looking ahead, CMT Health remains resolute in its mission to "CARE MORE TOGETHER" for improved health outcomes worldwide.

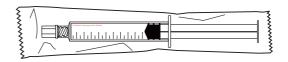
# Safety Infusion Contents

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# CMT Profoject™ Prefilled Normal Saline Flush Syringe

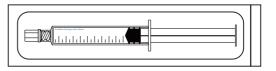
#### Sterile Fluid Pathway

Contain with sterilized 0.9% sodium chloride.



#### Sterile Field

Terminally and externally sterilized together with package.







### Tip Cap

Easy screw-on, prevent microbial contamination.



#### Stopper

No blood reflux design.





### CMT Profoject™ Prefilled Normal Saline Flush Syringe—Sterile Fluid Pathway



Ref No.	Volume (mL)	Packaging Config	Shipper Case (mm)
201330	3	1/30/480	595x300x250
201550	5	1/30/480	595x340x250
201110	10	1/30/480	595x450x250

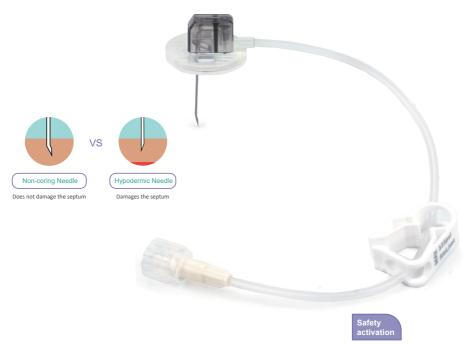
### CMT Profoject™ Prefilled Normal Saline Flush Syringe—Sterile Field



202330	3	1/30/240	418x318x275
202550	5	1/30/240	418x360x275
202110	10	1/30/240	405×235×325



# CMT Profoject™ Safety Huber Infusion Set

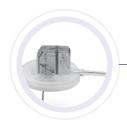




### 90° Bent Design

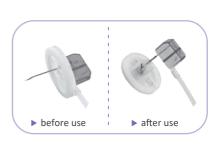
Easy operate and activate round plate.





### **CMT Flat Tubing Design**

Without curved tubing, better touching.







# CMT Profoject™ Safety Huber Infusion Set 🄏



Ref No.	Needle Gauge	Needle Length (inches)	Tubing Length (mm)	Priming Volume(mL)	NF Connector	MRI Compatibility	Packaging Config	Shipper Case (mm)
204910	19	1	180	0.25	w/o	yes	1/50/200	495x285x425
204040	20	3/4	180	0.25	w/o	yes	1/50/200	495x285x425
204280	22	5/8	180	0.25	w/o	yes	1/50/200	495x285x425

# CMT Profoject™ Safety Huber Infusion Set with Y Port



204911	19	1	200	0.25	Y Type	yes	1/50/200	495x285x425
204041	20	3/4	200	0.25	Y Type	yes	1/50/200	495x285x425
204281	22	5/8	200	0.25	Y Type	ves	1/50/200	495x285x425

# CMT Profoject™ Safety IV Catheter Closed System





### Wings Design

Reduce catheter movement in the vein to lower the risk of dislodgement.



### **PUR Tubing**

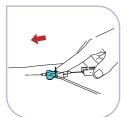
Enhances flexibility, lowers mechanical phlebitis risk, and extends dwell time.



#### Safety Mechanism

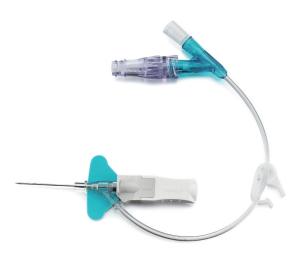
CMT new designed stablization system.











# CMT Profoject™ Safety IV Catheter Closed System



Ref No.	Catheter Gauge	Needle Length (mm)	Wing Color	Packaging Config	Shipper Case (mm)
207821	18	32		1/50/200	510x140x150
207851	18	45	<b>/</b>	1/50/200	510x140x150
207051	20	25	III	1/50/200	510x140x150
207021	20	32		1/50/200	510x140x150
207011	20	51		1/50/200	510x140x150
207291	22	19		1/50/200	510x140x150
207251	22	25		1/50/200	510x140x150
207441	24	14		1/50/200	510x140x150
207491	24	19		1/50/200	510x140x150

# CMT Profoject™ Safety Sliding IV Catheter



### Safety Mechanism

CMT new designed sleeve cover, prevent any blood splash after use.





#### Flashback Technology

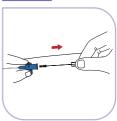
Cannula visualisation of flashback in chamber confirms venepuncture.

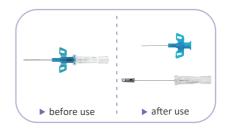


#### Injection Port

Facilitates simultaneous medication administration during infusion.











### CMT Profoject™ Sliding IV Catheter without Wings



Ref No.	Catheter Gauge	Tubing Length (mm)	Hub Color	Packaging Config	Shipper Case (mm)
208450	14	45	<u> </u>	1/50/200	510x140x150
208620	16	32	A	1/50/200	510x140x150
208650	16	45		1/50/200	510x140x150
208750	17	45	A	1/50/200	510x140x150
208820	18	32	1	1/50/200	510x140x150
208850	18	45	#	1/50/200	510x140x150
208050	20	25		1/50/200	510x140x150
208020	20	32	<b>A</b>	1/50/200	510x140x150
208010	20	51		1/50/200	510x140x150
208250	22	25	<b>.</b>	1/50/200	510x140x150
208490	24	19	Å	1/50/200	510x140x150

# CMT Profoject™ Sliding IV Catheter with Wings



208453	14	45	<b>*</b>	1/50/200	510x140x150	
208623	16	32	₩	1/50/200	510x140x150	
208653	16	45	#	1/50/200	510x140x150	
208753	17	45		1/50/200	510x140x150	
208823	18	32		1/50/200	510x140x150	
208853	18	45		1/50/200	510x140x150	
208053	20	25		1/50/200	510x140x150	
208023	20	32		1/50/200	510x140x150	
208013	20	51		1/50/200	510x140x150	
208253	22	25	<b>*</b>	1/50/200	510x140x150	
208493	24	19	<b>*</b>	1/50/200	510x140x150	





### CMT Profoject™ Safety Sliding IV Catheter with Wings, with Injection Port



Ref No.	Catheter Gauge	Tubing Length (mm)	Hub Color	Packaging Config	Shipper Case (mm)
208454	14	45	<b>I</b>	1/50/200	510x140x150
208654	16	45	ф	1/50/200	510x140x150
208824	18	32	do .	1/50/200	510x140x150
208854	18	45		1/50/200	510x140x150
208054	20	25		1/50/200	510x140x150
208024	20	32	T T	1/50/200	510x140x150
208254	22	25	<b>1</b>	1/50/200	510x140x150
208494	24	19	n <mark>do</mark> n	1/50/200	510x140x150



# **Needle-Free Connector**





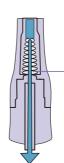






Negative Luer Neutral Luer Short Neutral Luer Clear Neutral Luer Blue Positive Luer Clear

- √ Straight Fluid Pathway
- √ Flat, Smooth, Cleanable Split-Septum
- √ Compatible with Power Injector
- √ Compatible with CT Scan / MRI



#### Fluid Pathway

Good structural design reduces duct reflux.

### Needle-Free Connector











Ref No.	Туре	Packaging Config	Shipper Case (mm)
210010	Negative Luer	1/50/1000	520x225x180
210020	Neutral Luer Short	1/50/1000	520x225x180
210030	Neutral Luer Clear	1/50/1000	520x225x180
210040	Neutral Luer Blue	1/50/1000	520x225x180
210050	Positive Luer Clear	1/50/1000	520x225x180

# Needle-Free Connector Neutral Luer Clear





#### Feature

- Neutral fluid displacement helps prevent blood reflux and reduce reflux-related occulation.
- Flat and smooth surface ensures easy and thorough swabbing.
- Straight fluid path supports a high flow rate of up to 133 ml/min.
- Transparent housing allows for clear observation.

#### **Technical Data**



Number of Activations	350
Days Usage	7
Priming Volume(mL)	0.07
Flow Rate Gravity(mL/min)	133
Flow Rate at Pressure(mL/s)	10
Pressure Rating(PSI)	325

### Compatibility

Alcohol	yes
Lipids	yes
Chlorhexidine	yes
Chemotherapy	yes
Blood	yes
MRI	yes



# **IV Extension Set**





#### V Extension Set

Ref No.	Туре	NF Connector	Packaging Config	Shipper Case (mm)
212115	Single Lumen Extension Set	Negative A	1/48/480	600x420x320
212215	Dual Lumen Extension Set	Negative A	1/48/480	600x420x320
212315	Triple Lumen Extension Set	Negative A	1/48/480	600x420x320
121415	Quad Lumen Extension Set	Negative A	1/48/480	600x420x320
212125	Single Lumen Extension Set	Neutral Luer Clear	1/48/480	600x420x320
212225	Dual Lumen Extension Set	Neutral Luer Clear	1/48/480	600x420x320
212325	Triple Lumen Extension Set	Neutral Luer Clear	1/48/480	600x420x320
212425	Quad Lumen Extension Set	Neutral Luer Clear	1/48/480	600x420x320



# Sof-Touch Disinfection Cap



The unique luer thread provides enhanced comfort.



#### Disinfection Cap Male Luer



Easy to grip, hold, and twist for a tight and secure fit.



### Disinfection Cap Female Luer



The exposed location allows for sufficient alcohol flow.



#### **Disinfection Cap**

Ref No.	Туре	Packaging Config	Shipper Case (mm)
214010	Sof-Touch Disinfection Cap	10/200/4800	600x325x265
214011	Sof-Touch Disinfection Cap	1/100/2400	438x370x325
214020	Disinfection Cap Male Luer	10/200/4800	600x325x265
214021	Disinfection Cap Male Luer	1/100/2400	438x370x325
214030	Disinfection Cap Female Luer	10/200/4800	380x305x305









•	Ref No.	Packaging Config	Shipper Case (mm)
	215100	1/100/800	470x460x265



# Vented Vial Spike with NF Connector



Ref No.	Packaging Config	Shipper Case (mm)
215205	1/100/400	440x230x355



### Spike with NF Connector



Ref No.	Packaging Config	Shipper Case (mm)
215225	1/100/1200	510x455x510



# Plastic Cannula



Ref No.	Packaging Config	Shipper Case (mm)
216000	1/100/10000	550x445x440



# Stopcock



Ref No.	Packaging Config	Shipper Case (mm)
213000	1/100/400	440x230x355









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