

# Drug delivery





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# Chirana® 2-part disposable syringes and Chirana® 2-part disposable syringes with needles

Chirana® 2-part disposable syringes without and with needle are made of polypropylene/polyethylene. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. The syringes are available with Luer tip. The syringe with needle is available in other needle combinations.

## USER CONVENIENCE:

Ergonomic design, smooth flow, highly transparent barrel, tight, black extended graduation, easy to read, double stop lines and guaranteed 0 ml position.

## USER SAFETY:

Individually blister packed and the needle is side-packed in a single blister package.

## COMFORT:

Designed tip for best connection, double stop lines and scratch-free for glove manipulation.

## PATIENT SAFETY:

Single-use only. Sterilised by ETO.

## Chirana® 2-part disposable syringes

Vol. (ml)	Pcs./Box	Pcs./Carton	Article No.
2	100	2800	CH002L
5	100	1900	CH005L
10	100	1200	CH010L
20	80	960	CH020L

Shelf life 5 years

## Chirana® 2-part disposable syringes with needles

Specification	Pcs./Box	Pcs./Carton	Article No.
2 ml with needle 0.60 x 30 mm (23G x 1 1/4")	100	2800	CH002L0630
5 ml with needle 0.70 x 35 mm (22G x 1 2/5")	100	1900	CH005L0735
10 ml with needle 0.80 x 40 mm (21G x 1 1/2")	100	1200	CH010L0840
20 ml with needle 0.80 x 40 mm (21G x 1 1/2")	80	960	CH020L0840

Shelf life 5 years



# Chirana<sup>®</sup> 3-part disposable syringes and Chirana<sup>®</sup> 3-part disposable syringes with needles

Chirana<sup>®</sup> 3-part disposable syringes without and with needle are made of polypropylene, polyethylene and lubricated synthetic rubber. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. The syringes are available with Luer and Luer lock. The syringe with needle is available in other needle combinations.

### USER CONVENIENCE:

Ergonomic design, smooth flow, highly transparent barrel, tight, black extended graduation and easy to read.

**USER SAFETY:** Individually blister packed and the needle is side-packed in a single blister package.

**COMFORT:** Designed tip for best connection, scratch-free for glove manipulation and centrally positioned Luer lock tip.

### PATIENT SAFETY:

Single-use only. Sterilised by ETO. Low dead space volume for 1 ml.

### Chirana<sup>®</sup> 3-part disposable syringes

Vol. (ml)	Pcs./Box	Pcs./Carton	Article No. LUER	Article No. LUER LOCK
1	100	2000	CH03001L	CH03001LL
2	100	3000	CH03002L	CH03002LL
3	100	3000	CH03003L	CH03003LL
5	100	2400	CH03005L	CH03005LL
10	100	1600	CH03010L	CH03010LL
20	50	800	CH03020L	CH03020LL
30	50	400	CH03030L	CH03030LL
50		100	CH03050L	CH03050LL

Shelf life 5 years

### Chirana<sup>®</sup> 3-part disposable syringes with needles

Specification	Pcs./Box	Pcs./Carton	Article No.
2 ml with needle 0.60 x 30 mm (23G x 1 1/4")	100	3000	CH03002L0630
5 ml with needle 0.70 x 30 mm (22G x 1 1/4")	100	2400	CH03005L0730
10 ml with needle 0.80 x 40 mm (21G x 1 1/2")	100	1600	CH03010L0840
20 ml with needle 0.80 x 40 mm (21G x 1 1/2")	50	800	CH03020L0840

Shelf life 5 years



## Chirana® Perfusion 3-part syringes

Chirana® Perfusion 3-part syringes are made of polypropylene and lubricated synthetic rubber. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. They are intended for perfusion applications and available in transparent, opaque and black and with aspiration needle and filter needle.

**USER CONVENIENCE:** Black graduation, easy to read and double graduation on barrel and piston. Compatible with perfusion pumps and dialysis units of world leader manufacturers.

**PATIENT SAFETY:** Single-use only. Sterilised by ETO.

Specification	Pcs./Carton	Article No.
20 ml transparent for dialysis machine use	100	CH03020PT
30 ml transparent for dialysis machine use	100	CH03030PT
50 ml transparent	100	CH03050PT
50 ml opaque	100	CH03050PO
50 ml transparent BB	100	CH03050PTB
50 ml opaque BB	100	CH03050POB
50 ml transparent with needle 2 x 30 mm	100	CH030502030PT
50 ml transparent BB with needle 2 x 30 mm	100	CH030502030PTB
50 ml opaque BB with needle 2 x 30 mm	100	CH030502030POB
50 ml black BB with needle 2 x 30 mm	100	CH030502030PBB

Shelf life 5 years



## Chirana® 3-part disposable Catheter syringes

Chirana® 3-part disposable Catheter syringes are made of polypropylene and lubricated synthetic rubber. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. The syringes are intended for irrigation application and available in Catheter tip and with Luer adapter for wider application range.

### USER CONVENIENCE:

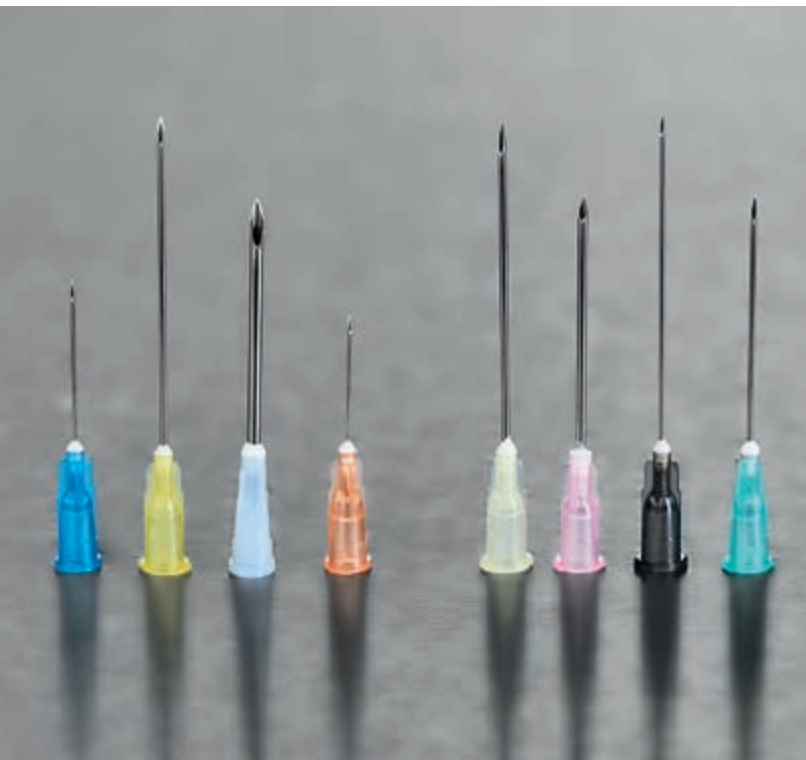
Ergonomic design, smooth flow, highly transparent barrel, tight, black extended graduation and easy to read.

**COMFORT:** Designed tip for best connection and scratch-free for glove manipulation.

**PATIENT SAFETY:** Single-use only. Sterilised by ETO.

Specification	Pcs./Box	Pcs./Carton	Article No.
50 ml Catheter		100	CH03050C
50 ml Catheter with Luer adapter		100	CH03050CLA
100 ml Catheter with Luer adapter	25	100	CH03100C
150 ml Catheter Janette®		50	CH03150CS

Shelf life 5 years



Colour Code	Size Metric	Size G/"	Article No.
Light yellow	0.30 x 12 mm	30G x 1/2"	CH30012
Grey	0.40 x 12 mm	27G x 1/2"	CH27012
Grey	0.40 x 20 mm	27G x 4/5"	CH27045
Grey	0.40 x 20 mm	27G x 3/4"	CH27034
Grey	0.40 x 40 mm	27G x 1 1/2"	CH27112
Brown	0.45 x 12 mm	26G x 1/2"	CH26012
Brown	0.45 x 16 mm	26G x 5/8"	CH26058
Brown	0.45 x 25 mm	26G x 1"	CH26100
Orange	0.50 x 16 mm	25G x 5/8"	CH25058
Orange	0.50 x 20 mm	25G x 4/5"	CH25045
Orange	0.50 x 25 mm	25G x 1"	CH25100
Orange	0.50 x 40 mm	25G x 1 1/2"	CH25112
Purple	0.55 x 25 mm	24G x 1"	CH24100
Purple	0.55 x 38 mm	24G x 1 1/2"	CH24112
Blue	0.60 x 16 mm	23G x 5/8"	CH23058
Blue	0.60 x 25 mm	23G x 1"	CH23100
Blue	0.60 x 30 mm	23G x 1 1/4"	CH23114
Blue	0.60 x 40 mm	23G x 1 1/2"	CH23112
Blue	0.60 x 60 mm	23G x 2 1/4"	CH23214
Black	0.70 x 25 mm	22G x 1"	CH22100
Black	0.70 x 30 mm	22G x 1 1/4"	CH22114
Black	0.70 x 35 mm	22G x 1 2/5"	CH22125
Black	0.70 x 40 mm	22G x 1 1/2"	CH22112
Black	0.70 x 50 mm	22G x 2"	CH22200
Green	0.80 x 16 mm	21G x 5/8"	CH21058
Green	0.80 x 25 mm	21G x 1"	CH21100
Green	0.80 x 30 mm	21G x 1 1/4"	CH21114
Green	0.80 x 40 mm	21G x 1 1/2"	CH21112
Green	0.80 x 50 mm	21G x 2"	CH21200
Yellow	0.90 x 25 mm	20G x 1"	CH20100
Yellow	0.90 x 30 mm	20G x 1 1/4"	CH20114
Yellow	0.90 x 40 mm	20G x 1 1/2"	CH20112
Yellow	0.90 x 50 mm	20G x 2"	CH20200
Ivory	1.10 x 25 mm	19G x 1"	CH19100
Ivory	1.10 x 30 mm	19G x 1 1/4"	CH19114
Ivory	1.10 x 40 mm	19G x 1 1/2"	CH19112
Ivory	1.10 x 50 mm	19G x 2"	CH19200
Pink	1.20 x 25 mm	18G x 1"	CH18100
Pink	1.20 x 40 mm	18G x 1 1/2"	CH18112
Pink	1.20 x 50 mm	18G x 2"	CH18200
Red purple	1.50 x 50 mm	17G x 2"	CH17200
White	1.60 x 25 mm	16G x 1"	CH16100
White	1.60 x 40 mm	16G x 1 1/2"	CH16112
Blue grey	1.80 x 40 mm	15G x 1 1/2"	CH15112

## Medoject® needles

Medoject® needles are made of polypropylene hub and stainless steel tube. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. The needles are intended for intramuscular, subcutaneous, intravenous and intra-arterial application. They are individually packed in boxes of 100 pcs, cartons of 4000 pcs.

### USER CONVENIENCE:

Colour-coded transparent hub for flow visual control, metric and gauge measurements on packaging and mainly thin wall tube material.

**USER SAFETY:** Safety needle is available.

**COMFORT:** Grinded, precision lancet point and silicone treated for smooth penetration.

**PATIENT SAFETY:** Single-use only. Sterilised by ETO.

### Medojec® Hypodermic needles

Medoject® Hypodermic needles are intended for intramuscular, subcutaneous, intravenous and intra-arterial application. There is possibility of short bevel lancet point grinding.

Shelf life 5 years



### Medoject® Safety Hypodermic needles

Medoject® Safety Hypodermic needles have an integrated safety feature for one-handed manipulation.

Colour Code	Size Metric	Size G/”	Article No.
Blue ●	0.60 x 30 mm	23G x 1 1/4”	CHS23114
Black ●	0.70 x 40 mm	22G x 1 1/2”	CHS22112
Green ●	0.80 x 40 mm	21G x 1 1/2”	CHS21112
Yellow ●	0.90 x 40 mm	20G x 1 1/2”	CHS20112

Shelf life 5 years

### Medoject® Blunt fill needles

Medoject® Blunt fill needles are also available with filter of 5µm for aspiration filtration procedure, which risks particle elimination during procedure.

Colour Code	Size Metric	Size G/”	Article No.
Red ●	1.20 x 40 mm Blunt fill	18G x 1 1/2”	CH18112BF
Pink ●	1.20 x 40 mm Blunt fill w/ filter	18G x 1 1/2”	CH18112F
Pink ●	1.20 x 50 mm Blunt fill w/ filter	18G x 2”	CH18200F

Shelf life 5 years

### Medoject® Special Hypodermic needles

Medoject® Special Hypodermic needles are intended for a wide special application range. There is possibility of short bevel lancet point grinding.

Colour Code	Size Metric	Size G/”	Article No.
Blue ●	0.60 x 80 mm	23G x 3 1/8”	CH23318
Green ●	0.80 x 100 mm	21G x 4”	CH21400
Green ●	0.80 x 120 mm	21G x 4 3/4”	CH21434
Yellow ●	0.90 x 70 mm	20G x 2 4/5”	CH20245
Pink ●	1.20 x 70 mm	18G x 2 4/5”	CH18245
Pink ●	1.20 x 100 mm	18G x 4”	CH18400
White ○	1.60 x 70 mm	16G x 2 4/5”	CH16245
Blue grey ●	1.80 x 70 mm	15G x 2 4/5”	CH15245
Pale green ●	2.00 x 70 mm	14G x 2 4/5”	CH14245
Pale green ●	2.00 x 80 mm	14G x 3 1/8”	CH14318
Pale green ●	2.00 x 100 mm	14G x 4”	CH14400
Pale green ●	2.00 x 120 mm	14G x 4 3/4”	CH14434

Other sizes available upon request.

Shelf life 5 years

### Inox® Ophthalmic needles

Inox® Ophthalmic needles has a blunt end for ophthalmic application, which includes scratch-free edges for comfort use.

Colour Code	Size Metric	Size G/”	Article No. STRAIGHT	Article No. BENT
Grey ●	0.40 x 20 mm	27G x 4/5”	CHOP27045S	CHOP27045B
Blue ●	0.60 x 20 mm	23G x 4/5”	CHOP23045S	CHOP23045B

Shelf life 5 years





## Chiraflex® IV Cannulas and Chiraflex® Safety IV Cannulas

Chiraflex® IV Cannulas and Chiraflex® Safety IV Cannulas are intended for peripheral vascular application. The catheter is made from Teflon material and available in Safety. They are pyrogen-free, latex-free, DEHP-free, PVC-free and non-toxic. They are packed in boxes of 50 pcs, cartons of 1000 pcs.

### USER CONVENIENCE:

Ompatible with all standard medical devices for wide application.

**USER SAFETY:** Safety cannula is available.

**PATIENT SAFETY:** Single-use only. Sterilised by ETO.

Colour Code	Size G/"	Size Metric	Article No. With Port With Wings	Article No. Without Port With Wings	Article No. Without Port Without Wings	Article No. SAFETY With Port With Wings
Purple ●	26G	0.60 x 19mm	CHFX0102619	CHFX0202619	CHFX0302619	CHFXS0102619
Yellow ●	24G	0.70 x 19mm	CHFX0102419	CHFX0202419	CHFX0302419	CHFXS0102419
Blue ●	22G	0.90 x 25mm	CHFX0102225	CHFX0202225	CHFX0302225	CHFXS0102225
Pink ●	20G	1.10 x 32mm	CHFX0102032	CHFX0202032	CHFX0302032	CHFXS0102032
Green ●	18G	1.30 x 45mm	CHFX0101845	CHFX0201845	CHFX0301845	CHFXS0101845
White ○	17G	1.50 x 45mm	CHFX0101745	CHFX0201745	CHFX0301745	CHFXS0101745
Grey ●	16G	1.70 x 45mm	CHFX0101645	CHFX0201645	CHFX0301645	CHFXS0101645
Orange ●	14G	2.10 x 45mm	CHFX0101445	CHFX0201445	CHFX0301445	CHFXS0101445

Shelf life 5 years



## Chiraflex® Mandrins

Chiraflex® Mandrins are intended for longer interruptions in infusion and has a screw onto IV cannula. The mandrins are compatible with Chiraflex® IV Cannulas and Chiraflex® Safety IV Cannulas. They are colour-coded as per Chiraflex® IV Cannula colour-coding.

Colour Code	Size	Pcs./Box	Pcs./Carton	Article No.
Blue	22G	50	1000	CHFX20022
Pink	20G	50	1000	CHFX20020
Green	18G	50	1000	CHFX20018
White	17G	50	1000	CHFX20017
Grey	16G	50	1000	CHFX20016
Orange	14G	50	1000	CHFX20014

Shelf life 5 years

## Chiraflex® Scalp vein sets

Chiraflex® Scalp vein sets are intended for shorter time infusion. The set includes a stainless steel needle with a length of 20 mm and a 30 cm plastic tube.

Colour Code	Size	Diameter (mm)	Pcs./Box	Pcs./Carton	Article No.
Grey	27G x 3/4"	0.40	100	2000	CH260001127
Orange	25G x 3/4"	0.50	100	2000	CH260001125
Blue	23G x 3/4"	0.60	100	2000	CH260001123
Black	22G x 3/4"	0.70	100	2000	CH260001122
Green	21G x 3/4"	0.80	100	2000	CH260001121
Yellow	20G x 3/4"	0.90	100	2000	CH260001120
Ivory	19G x 3/4"	1.10	100	2000	CH260001119
Pink	18G x 3/4"	1.20	100	2000	CH260001118

Shelf life 5 years



## Chiraplus® Infusion set

Chiraplus® Infusion sets include 15 µm filter, ventilation port and Luer lock adapter. Chiraplus® P is intended for pressure infusion and does not include flash ball. Chiraplus® G is intended for gravity infusion and includes flash ball.

Product	Chamber Vol. (ml)	Tube length (mm)	Packaging Type	Pcs./Carton	Article No.
Chiraplus® P	10.5	1500	Blister	100	CHP336
Chiraplus® P Dehp free	10.5	1500	Blister	100	CHP536
Chiraplus® P 12 Dehp free	12	1500	Blister	100	CHP506
Chiraplus® P 190	10.5	1900	Blister	100	CHP339
Chiraplus® P 190 Safety	10.5	1900	Blister	100	CHP338
Chiraplus® P Dehp free Autofusion 180	15	1800	Blister	300	CHP576
Chiraplus® P Dehp free Autofusion 230	15	2300	Blister	300	CHP578
Chiraplus® P Autofusion with back check valve	15	1800	Blister	300	CHP577
Chiraplus® G	10.5	1500	Blister	100	CHG331
Chiraplus® G	10.5	1500	Poly bag	500	CHG317
Chiraplus® G Dehp free	10.5	1500	Blister	100	CHG531
Chiraplus® G 12	12	1500	Blister	100	CHG301
Chiraplus® G 12 Dehp free	12	1500	Blister	100	CHG501
Chiraplus® G	8.5	1500	Poly bag	500	CHG318
Chiraplus® G Dehp free	8.5	1500	Poly bag	500	CHG518
Chiraplus® G with needle	8.5	1500	Poly bag	500	CHG319
Chiraplus® G with metal spike	8.5	1500	Poly bag	500	CHG316
Chiraplus® G PVC free	12	1500	Blister	100	CHG731
Chiraplus® G PVC free opaque	12	1900	Blister	100	CHG901

Shelf life 5 years



## Chirahem® Transfusion set

Chirahem® Transfusion set is intended for blood transfusion administration. The set has a 200 µm blood filter.

Product	Chamber Vol. (ml)	Tube length (mm)	Packaging Type	Pcs./Carton	Article No.
Chirahem®	17	1500	Blister	100	CHT314
Chirahem® Dehp free	17	1500	Blister	100	CHT514
Chirahem®	17	1500	Poly bag	300	CHT320
Chirahem® with needle	17	1500	Poly bag	300	CHT321
Chirahem® with metal spike	17	1500	Poly bag	300	CHT322
Chirahem® latex free	17	1500	Blister	100	CHT518

Shelf life 5 years



## Accessories IV Administration

Within IV Administration for Chiraplus® Infusion set and Chirahem® Transfusion set we offer following accessories:

**CHIRAPLUS® SPIKES:** Intended for comfortable and safe drug manipulation.

### CHIRAPLUS® INJECTION PORTS:

Offer additional drug administration when applied with other devices.

### CHIRAPLUS® STOPPERS:

Give a short-term option for storage or transfer of solution.

### CHIRALINE® EXTENSION LINES:

Extension tubing in 45 cm or 180 cm, where Luer lock ends are available.

### CHIRAWAY® 3-WAY STOPCOCK:

Available in standard or lipid resistant material with colour-coding differentiation.

Product	Pcs./Box	Pcs./Carton	Article No.
Infusion spike Red air 0.1 µm + 5 µm solution filter	100	1000	CHIS01
Infusion spike Blue air 0.1 µm + 5 µm solution filter	100	1000	CHIS02
Infusion spike Green air 0.1 µm filter	100	1000	CHIS03
Injection port	100	5000	CHIP01
Combistopper Red	100	5000	CHCS01
Combistopper Blue	100	5000	CHCS02
Combistopper White	100	5000	CHCS03
Stopper Luer lock	100	5000	CHLL01
Chiraline® 450	120	960	CHL318045
Chiraline® 1800	85	680	CHL318180
Chiraway® Standard	50	1000	CHW001
Chiraway® Lipid resistant	50	1000	CHW002

Shelf life 5 years



## Examination

### Chiraskin® Gloves

Chiraskin® Gloves are non-sterile and intended for examination. They offer high elasticity, high strength, excellent grip sensitivity, safe protection and good touch sense.

Size	Pcs./Box	Pcs./Carton	Article No. Latex Powdered	Article No. Latex Powder Free	Article No. Nitrile Powder Free
Gloves Small	100	1000	CHL01S	CHLF01S	CHNF01S
Gloves Medium	100	1000	CHL01M	CHLF01M	CHNF01M
Gloves Large	100	1000	CHL01L	CHLF01L	CHNF01L

Shelf life 5 years

### Examination products

The examination products are intended for variety of application range to support safe and clean healthcare.

Product	Pcs./Box	Pcs./Carton	Article No.
Face mask Tie On, 3-ply, non-woven	50	1000	CHFM01
Face mask Ear Loop, 3-ply, non-woven	50	1000	CHFM02
Bouffant cap 21", non-woven	100	1000	CHC01
Bouffant cap 24", non-woven	100	1000	CHC02
Shoe covers, CPE, blue	100	2000	CHSC01
Bed cover, CPE, blue	10	100	CHBC01

Shelf life 5 years



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