



# AMECATH

MEDICAL TECHNOLOGIES

CENTRAL VENOUS CATHETERS

— SINCE 1996 —

AMECO MEDICAL INDUSTRIES



# CENTRAL VENOUS Catheters

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## 1.1. Multi-Lumen Central Venous Catheter Kits

- Made from polyurethane.
- Smooth outer surface.
- Mirror like inner surface.
- Length marked anti kink.
- Soft tip.
- Tube profiles guarantee satisfactory flow in every lumen.

### Features and Properties

#### CATHETER FEATURES:

Soft tip.  
Length marked.  
Priming Volume and flow rate are indicated.  
Extension lines stand repeated clamping and declamping Multiple thread female luer end.  
Variety of sizes, lengths and shapes.  
pressure resistant in some types.

#### KIT FEATURES

Kits have many variable contents to provide ease and satisfactory catheter placement

The basic kits contain the following accessories:

- polyurethane Catheter
- Fixation wing
- introducer needle
- Guide wire in scaled dispenser
- dilator
- scalpel
- caps

Some other kits contains same accessories in different configuration or extra components

- Over the needle catheter (O)
- Guiding syringe (GS)
- Guiding Y connector (GY)
- Nitinol Guide Wire (N)
- End valves (V)
- EKG cable (E)

*Catheter kit including introducer needle, 5 cc syringe, stainless guide wire, scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-K				
5	17	CSLC-0517-K				
5	20	CSLC-0520-K				
6	15	CSLC-0615-K	CDLC-0615-K	CTLC-0615-K		
6	17	CSLC-0617-K	CDLC-0617-K	CTLC-0617-K		
6	20	CSLC-0620-K	CDLC-0620-K	CTLC-0620-K		
7	15	CSLC-0715-K	CDLC-0715-K	CTLC-0715-K	CQLC-0715-K	CPLC-0715-K
7	17	CSLC-0717-K	CDLC-0717-K	CTLC-0717-K	CQLC-0717-K	CPLC-0717-K
7	20	CSLC-0720-K	CDLC-0720-K	CTLC-0720-K	CQLC-0720-K	CPLC-0720-K
7	30	CSLC-0730-K	CDLC-0730-K	CTLC-0730-K	CQLC-0730-K	CPLC-0730-K
8	15	CSLC-0815-K	CDLC-0815-K	CTLC-0815-K	CQLC-0815-K	CPLC-0815-K
8	17	CSLC-0817-K	CDLC-0817-K	CTLC-0817-K	CQLC-0817-K	CPLC-0817-K
8	20	CSLC-0820-K	CDLC-0820-K	CTLC-0820-K	CQLC-0820-K	CPLC-0820-K
8	30	CSLC-0830-K	CDLC-0830-K	CTLC-0830-K	CQLC-0830-K	CPLC-0830-K
8.5	15				CQLC-08.515-K	CPLC-08.515-K
8.5	17				CQLC-08.517-K	CPLC-08.517-K
8.5	20				CQLC-08.520-K	CPLC-08.520-K
8.5	30				CQLC-08.530-K	CPLC-08.530-K
9	15				CQLC-0915-K	CPLC-0915-K
9	17				CQLC-0917-K	CPLC-0917-K
9	20				CQLC-0920-K	CPLC-0920-K
9	30				CQLC-0930-K	CPLC-0930-K



*Catheter kit including introducer needle, 5 cc guiding syringe(GS), stainless guide wire, scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGS				
5	17	CSLC-0517-KGS				
5	20	CSLC-0520-KGS				
6	15	CSLC-0615-KGS	CDLC-0615-KGS	CTLC-0615-KGS		
6	17	CSLC-0617-KGS	CDLC-0617-KGS	CTLC-0617-KGS		
6	20	CSLC-0620-KGS	CDLC-0620-KGS	CTLC-0620-KGS		
7	15	CSLC-0715-KGS	CDLC-0715-KGS	CTLC-0715-KGS	CQLC-0715-KGS	CPLC-0715-KGS
7	17	CSLC-0717-KGS	CDLC-0717-KGS	CTLC-0717-KGS	CQLC-0717-KGS	CPLC-0717-KGS
7	20	CSLC-0720-KGS	CDLC-0720-KGS	CTLC-0720-KGS	CQLC-0720-KGS	CPLC-0720-KGS
7	30	CSLC-0730-KGS	CDLC-0730-KGS	CTLC-0730-KGS	CQLC-0730-KGS	CPLC-0730-KGS
8	15	CSLC-0815-KGS	CDLC-0815-KGS	CTLC-0815-KGS	CQLC-0815-KGS	CPLC-0815-KGS
8	17	CSLC-0817-KGS	CDLC-0817-KGS	CTLC-0817-KGS	CQLC-0817-KGS	CPLC-0817-KGS
8	20	CSLC-0820-KGS	CDLC-0820-KGS	CTLC-0820-KGS	CQLC-0820-KGS	CPLC-0820-KGS
8	30	CSLC-0830-KGS	CDLC-0830-KGS	CTLC-0830-KGS	CQLC-0830-KGS	CPLC-0830-KGS
8.5	15				CQLC-08.515-KGS	CPLC-08.515-KGS
8.5	17				CQLC-08.517-KGS	CPLC-08.517-KGS
8.5	20				CQLC-08.520-KGS	CPLC-08.520-KGS
8.5	30				CQLC-08.530-KGS	CPLC-08.530-KGS
9	15				CQLC-0915-KGS	CPLC-0915-KGS
9	17				CQLC-0917-KGS	CPLC-0917-KGS
9	20				CQLC-0920-KGS	CPLC-0920-KGS
9	30				CQLC0930-KGS	CPLC-0930-KGS



*Catheter kit including over the needle catheter (O), 5 cc syringe, stainless guide wire, scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KO				
5	17	CSLC-0517-KO				
5	20	CSLC-0520-KO				
6	15	CSLC-0615-KO	CDLC-0615-KO	CTLC-0615-KO		
6	17	CSLC-0617-KO	CDLC-0617-KO	CTLC-0617-KO		
6	20	CSLC-0620-KO	CDLC-0620-KO	CTLC-0620-KO		
7	15	CSLC-0715-KO	CDLC-0715-KO	CTLC-0715-KO	CQLC-0715-KO	CPLC-0715-KO
7	17	CSLC-0717-KO	CDLC-0717-KO	CTLC-0717-KO	CQLC-0717-KO	CPLC-0717-KO
7	20	CSLC-0720-KO	CDLC-0720-KO	CTLC-0720-KO	CQLC-0720-KO	CPLC-0720-KO
7	30	CSLC-0730-KO	CDLC-0730-KO	CTLC-0730-KO	CQLC-0730-KO	CPLC-0730-KO
8	15	CSLC-0815-KO	CDLC-0815-KO	CTLC-0815-KO	CQLC-0815-KO	CPLC-0815-KO
8	17	CSLC-0817-KO	CDLC-0817-KO	CTLC-0817-KO	CQLC-0817-KO	CPLC-0817-KO
8	20	CSLC-0820-KO	CDLC-0820-KO	CTLC-0820-KO	CQLC-0820-KO	CPLC-0820-KO
8	30	CSLC-0830-KO	CDLC-0830-KO	CTLC-0830-KO	CQLC-0830-KO	CPLC-0830-KO
8.5	15				CQLC-08.515-KO	CPLC-08.515-KO
8.5	17				CQLC-08.517-KO	CPLC-08.517-KO
8.5	20				CQLC-08.520-KO	CPLC-08.520-KO
8.5	30				CQLC-08.530-KO	CPLC-08.530-KO
9	15				CQLC-0915-KO	CPLC-0915-KO
9	17				CQLC-0917-KO	CPLC-0917-KO
9	20				CQLC-0920-KO	CPLC-0920-KO
9	30				CQLC-0930-KO	CPLC-0930-KO

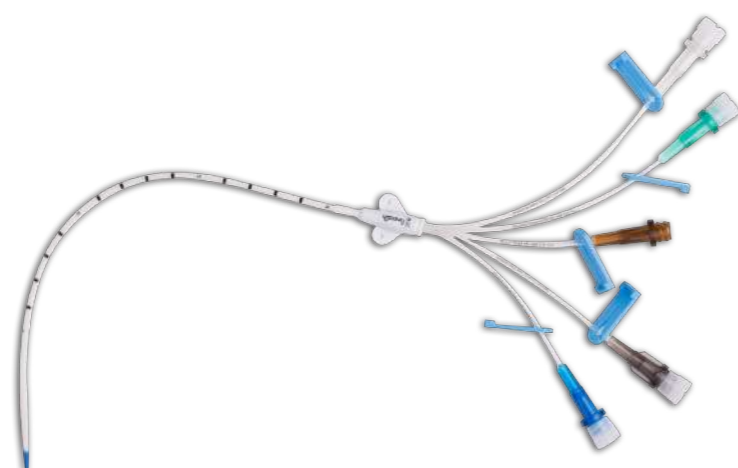


*Catheter kit including introducer needle, 5 cc syringe, nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KN				
5	17	CSLC-0517-KN				
5	20	CSLC-0520-KN				
6	15	CSLC-0615-KN	CDLC-0615-KN	CTLC-0615-KN		
6	17	CSLC-0617-KN	CDLC-0617-KN	CTLC-0617-KN		
6	20	CSLC-0620-KN	CDLC-0620-KN	CTLC-0620-KN		
7	15	CSLC-0715-KN	CDLC-0715-KN	CTLC-0715-KN	CQLC-0715-KN	CPLC-0715-KN
7	17	CSLC-0717-KN	CDLC-0717-KN	CTLC-0717-KN	CQLC-0717-KN	CPLC-0717-KN
7	20	CSLC-0720-KN	CDLC-0720-KN	CTLC-0720-KN	CQLC-0720-KN	CPLC-0720-KN
7	30	CSLC-0730-KN	CDLC-0730-KN	CTLC-0730-KN	CQLC-0730-KN	CPLC-0730-KN
8	15	CSLC-0815-KN	CDLC-0815-KN	CTLC-0815-KN	CQLC-0815-KN	CPLC-0815-KN
8	17	CSLC-0817-KN	CDLC-0817-KN	CTLC-0817-KN	CQLC-0817-KN	CPLC-0817-KN
8	20	CSLC-0820-KN	CDLC-0820-KN	CTLC-0820-KN	CQLC-0820-KN	CPLC-0820-KN
8	30	CSLC-0830-KN	CDLC-0830-KN	CTLC-0830-KN	CQLC-0830-KN	CPLC-0830-KN
8.5	15				CQLC-08.515-KN	CPLC-08.515-KN
8.5	17				CQLC-08.517-KN	CPLC-08.517-KN
8.5	20				CQLC-08.520-KN	CPLC-08.520-KN
8.5	30				CQLC-08.530-KN	CPLC-08.530-KN
9	15				CQLC-0915-KN	CPLC-0915-KN
9	17				CQLC-0917-KN	CPLC-0917-KN
9	20				CQLC-0920-KN	CPLC-0920-KN
9	30				CQLC-0930-KN	CPLC-0930-KN

*Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGSN				
5	17	CSLC-0517-KGSN				
5	20	CSLC-0520-KGSN				
6	15	CSLC-0615-KGSN	CDLC-0615-KGSN	CTLC-0615-KGSN		
6	17	CSLC-0617-KGSN	CDLC-0617-KGSN	CTLC-0617-KGSN		
6	20	CSLC-0620-KGSN	CDLC-0620-KGSN	CTLC-0620-KGSN		
7	15	CSLC-0715-KGSN	CDLC-0715-KGSN	CTLC-0715-KGSN	CQLC-0715-KGSN	CPLC-0715-KGSN
7	17	CSLC-0717-KGSN	CDLC-0717-KGSN	CTLC-0717-KGSN	CQLC-0717-KGSN	CPLC-0717-KGSN
7	20	CSLC-0720-KGSN	CDLC-0720-KGSN	CTLC-0720-KGSN	CQLC-0720-KGSN	CPLC-0720-KGSN
7	30	CSLC-0730-KGSN	CDLC-0730-KGSN	CTLC-0730-KGSN	CQLC-0730-KGSN	CPLC-0730-KGSN
8	15	CSLC-0815-KGSN	CDLC-0815-KGSN	CTLC-0815-KGSN	CQLC-0815-KGSN	CPLC-0815-KGSN
8	17	CSLC-0817-KGSN	CDLC-0817-KGSN	CTLC-0817-KGSN	CQLC-0817-KGSN	CPLC-0817-KGSN
8	20	CSLC-0820-KGSN	CDLC-0820-KGSN	CTLC-0820-KGSN	CQLC-0820-KGSN	CPLC-0820-KGSN
8	30	CSLC-0830-KGSN	CDLC-0830-KGSN	CTLC-0830-KGSN	CQLC-0830-KGSN	CPLC-0830-KGSN
8.5	15				CQLC-08.515-KGSN	CPLC-08.515-KGSN
8.5	17				CQLC-08.517-KGSN	CPLC-08.517-KGSN
8.5	20				CQLC-08.520-KGSN	CPLC-08.520-KGSN
8.5	30				CQLC-08.530-KGSN	CPLC-08.530-KGSN
9	15				CQLC-0915-KGSN	CPLC-0915-KGSN
9	17				CQLC-0917-KGSN	CPLC-0917-KGSN
9	20				CQLC-0920-KGSN	CPLC-0920-KGSN
9	30				CQLC-0930-KGSN	CPLC-0930-KGSN



*Catheter kit including over the needle catheter (O), 5 cc syringe , nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KNO				
5	17	CSLC-0517-KNO				
5	20	CSLC-0520-KNO				
6	15	CSLC-0615-KNO	CDLC-0615-KNO	CTLC-0615-KNO		
6	17	CSLC-0617-KNO	CDLC-0617-KNO	CTLC-0617-KNO		
6	20	CSLC-0620-KNO	CDLC-0620-KNO	CTLC-0620-KNO		
7	15	CSLC-0715-KNO	CDLC-0715-KNO	CTLC-0715-KNO	CQLC-0715-KNO	CPLC-0715-KNO
7	17	CSLC-0717-KNO	CDLC-0717-KNO	CTLC-0717-KNO	CQLC-0717-KNO	CPLC-0717-KNO
7	20	CSLC-0720-KNO	CDLC-0720-KNO	CTLC-0720-KNO	CQLC-0720-KNO	CPLC-0720-KNO
7	30	CSLC-0730-KNO	CDLC-0730-KNO	CTLC-0730-KNO	CQLC-0730-KNO	CPLC-0730-KNO
8	15	CSLC-0815-KNO	CDLC-0815-KNO	CTLC-0815-KNO	CQLC-0815-KNO	CPLC-0815-KNO
8	17	CSLC-0817-KNO	CDLC-0817-KNO	CTLC-0817-KNO	CQLC-0817-KNO	CPLC-0817-KNO
8	20	CSLC-0820-KNO	CDLC-0820-KNO	CTLC-0820-KNO	CQLC-0820-KNO	CPLC-0820-KNO
8	30	CSLC-0830-KNO	CDLC-0830-KNO	CTLC-0830-KNO	CQLC-0830-KNO	CPLC-0830-KNO
8.5	15				CQLC-08.515-KNO	CPLC-08.515-KNO
8.5	17				CQLC-08.517-KNO	CPLC-08.517-KNO
8.5	20				CQLC-08.520-KNO	CPLC-08.520-KNO
8.5	30				CQLC-08.530-KNO	CPLC-08.530-KNO
9	15				CQLC-0915--KNO	CPLC-0915-KNO
9	17				CQLC-0917-KNO	CPLC-0917-KNO
9	20				CQLC-0920-KNO	CPLC-0920-KNO
9	30				CQLC-0930-KNO	CPLC-0930-KNO

*Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator, end valve (V)*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGSNV				
5	17	CSLC-0517-KGSNV				
5	20	CSLC-0520-KGSNV				
6	15	CSLC-0615-KGSNV	CDLC-0615-KGSNV	CTLC-0615-KGSNV		
6	17	CSLC-0617-KGSNV	CDLC-0617-KGSNV	CTLC-0617-KGSNV		
6	20	CSLC-0620-KGSNV	CDLC-0620-KGSNV	CTLC-0620-KGSNV		
7	15	CSLC-0715-KGSNV	CDLC-0715-KGSNV	CTLC-0715-KGSNV	CQLC-0715-KGSNV	CPLC-0715-KGSNV
7	17	CSLC-0717-KGSNV	CDLC-0717-KGSNV	CTLC-0717-KGSNV	CQLC-0717-KGSNV	CPLC-0717-KGSNV
7	20	CSLC-0720-KGSNV	CDLC-0720-KGSNV	CTLC-0720-KGSNV	CQLC-0720-KGSNV	CPLC-0720-KGSNV
7	30	CSLC-0730-KGSNV	CDLC-0730-KGSNV	CTLC-0730-KGSNV	CQLC-0730-KGSNV	CPLC-0730-KGSNV
8	15	CSLC-0815-KGSNV	CDLC-0815-KGSNV	CTLC-0815-KGSNV	CQLC-0815-KGSNV	CPLC-0815-KGSNV
8	17	CSLC-0817-KGSNV	CDLC-0817-KGSNV	CTLC-0817-KGSNV	CQLC-0817-KGSNV	CPLC-0817-KGSNV
8	20	CSLC-0820-KGSNV	CDLC-0820-KGSNV	CTLC-0820-KGSNV	CQLC-0820-KGSNV	CPLC-0820-KGSNV
8	30	CSLC-0830-KGSNV	CDLC-0830-KGSNV	CTLC-0830-KGSNV	CQLC-0830-KGSNV	CPLC-0830-KGSNV
8.5	15				CQLC-08.515-KGSNV	CPLC-08.515-KGSNV
8.5	17				CQLC-08.517-KGSNV	CPLC-08.517-KGSNV
8.5	20				CQLC-08.520-KGSNV	CPLC-08.520-KGSNV
8.5	30				CQLC-08.530-KGSNV	CPLC-08.530-KGSNV
9	15				CQLC-0915-KGSNV	CPLC-0915-KGSNV
9	17				CQLC-0917-KGSNV	CPLC-0917-KGSNV
9	20				CQLC-0920-KGSNV	CPLC-0920-KGSNV
9	30				CQLC-0930-KGSNV	CPLC-0930-KGSNV

*Catheter kit including introducer needle, Guiding Y connector (GY), nitinol guide wire (N), scalpel, vessel dilator*

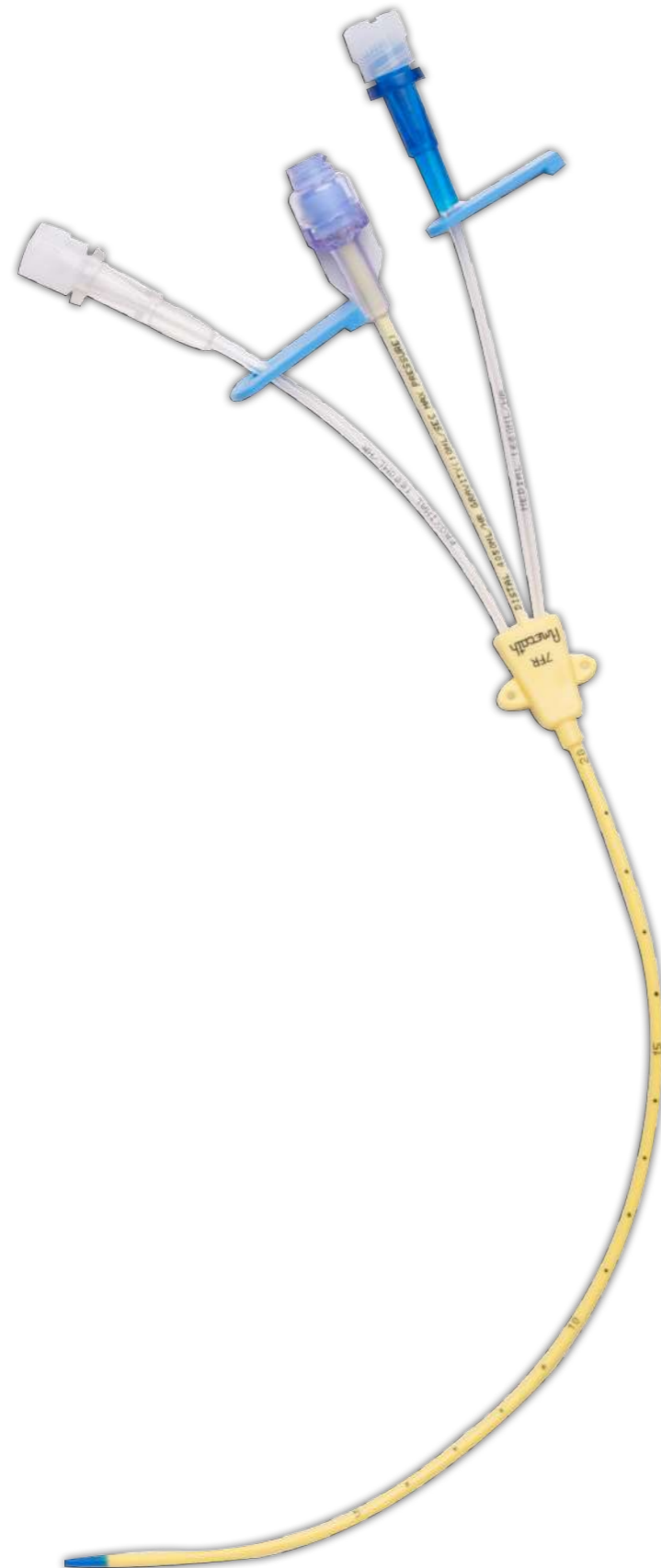
Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGYN				
5	17	CSLC-0517-KGYN				
5	20	CSLC-0520-KGYN				
6	15	CSLC-0615-KGYN	CDLC-0615-KGYN	CTLC-0615-KGYN		
6	17	CSLC-0617-KGYN	CDLC-0617-KGYN	CTLC-0617-KGYN		
6	20	CSLC-0620-KGYN	CDLC-0620-KGYN	CTLC-0620-KGYN		
7	15	CSLC-0715-KGYN	CDLC-0715-KGYN	CTLC-0715-KGYN	CQLC-0715-KGYN	CPLC-0715-KGYN
7	17	CSLC-0717-KGYN	CDLC-0717-KGYN	CTLC-0717-KGYN	CQLC-0717-KGYN	CPLC-0717-KGYN
7	20	CSLC-0720-KGYN	CDLC-0720-KGYN	CTLC-0720-KGYN	CQLC-0720-KGYN	CPLC-0720-KGYN
7	30	CSLC-0730-KGYN	CDLC-0730-KGYN	CTLC-0730-KGYN	CQLC-0730-KGYN	CPLC-0730-KGYN
8	15	CSLC-0815-KGYN	CDLC-0815-KGYN	CTLC-0815-KGYN	CQLC-0815-KGYN	CPLC-0815-KGYN
8	17	CSLC-0817-KGYN	CDLC-0817-KGYN	CTLC-0817-KGYN	CQLC-0817-KGYN	CPLC-0817-KGYN
8	20	CSLC-0820-KGYN	CDLC-0820-KGYN	CTLC-0820-KGYN	CQLC-0820-KGYN	CPLC-0820-KGYN
8	30	CSLC-0830-KGYN	CDLC-0830-KGYN	CTLC-0830-KGYN	CQLC-0830-KGYN	CPLC-0830-KGYN
8.5	15				CQLC-08.515-KGYN	CPLC-08.515-KGYN
8.5	17				CQLC-08.517-KGYN	CPLC-08.517-KGYN
8.5	20				CQLC-08.520-KGYN	CPLC-08.520-KGYN
8.5	30				CQLC-08.530-KGYN	CPLC-08.530-KGYN
9	15				CQLC-0915-KGYN	CPLC-0915-KGYN
9	17				CQLC-0917-KGYN	CPLC-0917-KGYN
9	20				CQLC-0920-KGYN	CPLC-0920-KGYN
9	30				CQLC-0930-KGYN	CPLC-0930-KGYN

*Catheter kit including introducer needle, Guiding Y connector (GY), nitinol guide wire (N), scalpel, vessel dilator, EKG cable (E)*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
5	15	CSLC-0515-KGYNE				
5	17	CSLC-0517-KGYNE				
5	20	CSLC-0520-KGYNE				
6	15	CSLC-0615-KGYNE	CDLC-0615-KGYNE	CTLC-0615-KGYNE		
6	17	CSLC-0617-KGYNE	CDLC-0617-KGYNE	CTLC-0617-KGYNE		
6	20	CSLC-0620-KGYNE	CDLC-0620-KGYNE	CTLC-0620-KGYNE		
7	15	CSLC-0715-KGYNE	CDLC-0715-KGYNE	CTLC-0715-KGYNE	CQLC-0715-KGYNE	CPLC-0715-KGYNE
7	17	CSLC-0717-KGYNE	CDLC-0717-KGYNE	CTLC-0717-KGYNE	CQLC-0717-KGYNE	CPLC-0717-KGYNE
7	20	CSLC-0720-KGYNE	CDLC-0720-KGYNE	CTLC-0720-KGYNE	CQLC-0720-KGYNE	CPLC-0720-KGYNE
7	30	CSLC-0730-KGYNE	CDLC-0730-KGYNE	CTLC-0730-KGYNE	CQLC-0730-KGYNE	CPLC-0730-KGYNE
8	15	CSLC-0815-KGYNE	CDLC-0815-KGYNE	CTLC-0815-KGYNE	CQLC-0815-KGYNE	CPLC-0815-KGYNE
8	17	CSLC-0817-KGYNE	CDLC-0817-KGYNE	CTLC-0817-KGYNE	CQLC-0817-KGYNE	CPLC-0817-KGYNE
8	20	CSLC-0820-KGYNE	CDLC-0820-KGYNE	CTLC-0820-KGYNE	CQLC-0820-KGYNE	CPLC-0820-KGYNE
8	30	CSLC-0830-KGYNE	CDLC-0830-KGYNE	CTLC-0830-KGYNE	CQLC-0830-KGYNE	CPLC-0830-KGYNE
8.5	15				CQLC-08.515-KGYNE	CPLC-08.515-KGYNE
8.5	17				CQLC-08.517-KGYNE	CPLC-08.517-KGYNE
8.5	20				CQLC-08.520-KGYNE	CPLC-08.520-KGYNE
8.5	30				CQLC-08.530-KGYNE	CPLC-08.530-KGYNE
9	15				CQLC-0915-KGYNE	CPLC-0915-KGYNE
9	17				CQLC-0917-KGYNE	CPLC-0917-KGYNE
9	20				CQLC-0920-KGYNE	CPLC-0920-KGYNE
9	30				CQLC-0930-KGYNE	CPLC-0930-KGYNE



## 1.2. Pressure Resistant central Venous Catheter



Pressure resistance CVC catheters combine the efficacy of PICC access with the efficiency of pressure standing injection for CECT scans.

*“Powerful injection  
flow upto 10 ml/sec. at 300 psi”*

*Pressure resistant Catheter kit including introducer needle, 5 cc syringe, nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KN	PRCDLC-0615-KN	PRCTL-0615-KN		
6	20	PRCSLC-0620-KN	PRCDLC-0620-KN	PRCTL-0620-KN		
7	15	PRCSLC-0715-KN	PRCDLC-0715-KN	PRCTL-0715-KN		
7	20	PRCSLC-0720-KN	PRCDLC-0720-KN	PRCTL-0720-KN		
8	15	PRCSLC-0815-KN	PRCDLC-0815-KN	PRCTL-0815-KN	PRCQLC-0815-KN	PRCPLC-0815-KN
8	20	PRCSLC-0820-KN	PRCDLC-0820-KN	PRCTL-0820-KN	PRCQLC-0820-KN	PRCPLC-0820-KN
9	15				PRCQLC-0915-KN	PRCPLC-0915-KN
9	20				PRCQLC-0920-KN	PRCPLC-0920-KN

*Pressure resistant Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KGSN	PRCDLC-0615-KGSN	PRCTL-0615-KGSN		
6	20	PRCSLC-0620-KGSN	PRCDLC-0620-KGSN	PRCTL-0620-KGSN		
7	15	PRCSLC-0715-KGSN	PRCDLC-0715-KGSN	PRCTL-0715-KGSN		
7	20	PRCSLC-0720-KGSN	PRCDLC-0720-KGSN	PRCTL-0720-KGSN		
8	15	PRCSLC-0815-KGSN	PRCDLC-0815-KGSN	PRCTL-0815-KGSN	PRCQLC-0815-KGSN	PRCPLC-0815-KGSN
8	20	PRCSLC-0820-KGSN	PRCDLC-0820-KGSN	PRCTL-0820-KGSN	PRCQLC-0820-KGSN	PRCPLC-0820-KGSN
9	15				PRCQLC-0915-KGSN	PRCPLC-0915-KGSN
9	20				PRCQLC-0920-KGSN	PRCPLC-0920-KGSN



*Pressure resistant Catheter kit including introducer needle, 5 cc syringe, nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KNO	PRCDLC-0615-KNO	PRCTL-0615-KNO		
6	20	PRCSLC-0620-KNO	PRCDLC-0620-KNO	PRCTL-0620-KNO		
7	15	PRCSLC-0715-KNO	PRCDLC-0715-KNO	PRCTL-0715-KNO		
7	20	PRCSLC-0720-KNO	PRCDLC-0720-KNO	PRCTL-0720-KNO		
8	15	PRCSLC-0815-KNO	PRCDLC-0815-KNO	PRCTL-0815-KNO	PRCQLC-0815-KNO	PRCPLC-0815-KNO
8	20	PRCSLC-0820-KNO	PRCDLC-0820-KNO	PRCTL-0820-KNO	PRCQLC-0820-KNO	PRCPLC-0820-KNO
9	15				PRCQLC-0915-KNO	PRCPLC-0915-KNO
9	20				PRCQLC-0920-KNO	PRCPLC-0920-KNO

*Pressure resistant Catheter kit including introducer needle, 5 cc Guiding syringe (GS), nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen	penta lumen
6	15	PRCSLC-0615-KGYN	PRCDLC-0615-KGYN	PRCTL-0615-KGYN		
6	20	PRCSLC-0620-KGYN	PRCDLC-0620-KGYN	PRCTL-0620-KGYN		
7	15	PRCSLC-0715-KGYN	PRCDLC-0715-KGYN	PRCTL-0715-KGYN		
7	20	PRCSLC-0720-KGYN	PRCDLC-0720-KGYN	PRCTL-0720-KGYN		
8	15	PRCSLC-0815-KGYN	PRCDLC-0815-KGYN	PRCTL-0815-KGYN	PRCQLC-0815-KGYN	PRCPLC-0815-KGYN
8	20	PRCSLC-0820-KGYN	PRCDLC-0820-KGYN	PRCTL-0820-KGYN	PRCQLC-0820-KGYN	PRCPLC-0820-KGYN
9	15				PRCQLC-0915-KGYN	PRCPLC-0915-KGYN
9	20				PRCQLC-0920-KGYN	PRCPLC-0920-KGYN

### 1.3. Peripheral Inserted Central Catheter (PICCs)

- Easier Venous access with minimal patient risk
- Fewer complications than subclavian or jugular insertions.

#### CATHETER FEATURES:

Polyurethane Material. Reverse Tapper  
Reverse Marking T-connector with side valve.

#### KIT FEATURES:

Fines needle Short peel away Nitinol Core wire.  
Nitinol core wire with golden tip ( in some kits)

*Two placement procedures over dilator (modified Seldinger) and over needle (direct puncture)*



*Over needle Peripheral Inserted central Catheters (PICCs) kits ordering information*

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KON	DLPICC -0440-KON	
4	50	SLPICC -0450-KON	DLPICC -0450-KON	
4	55	SLPICC -0455-KON	DLPICC -0455-KON	
4	60	SLPICC -0460-KON	DLPICC -0460-KON	
5	40	SLPICC -0540-KON	DLPICC -0540-KON	
5	50	SLPICC -0550-KON	DLPICC -0550-KON	
5	55	SLPICC -0555-KON	DLPICC -0555-KON	
5	60	SLPICC -0560-KON	DLPICC -0560-KON	
6	40		DLPICC -0640-KON	TLPICC -0640-KON
6	50		DLPICC -0650-KON	TLPICC -0650-KON
6	55		DLPICC -0655-KON	TLPICC -0655-KON
6	60		DLPICC -0660-KON	TLPICC -0660-KON

*Over the needle (direct puncture)  
Kit Contains:*

- Peripherally inserted central Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel ( Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

*Over dilator Peripheral Inserted Central Catheters (PICCs) kits ordering information*

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KOD	DLPICC -0440-KOD	
4	50	SLPICC -0450-KOD	DLPICC -0450-KOD	
4	55	SLPICC -0455-KOD	DLPICC -0455-KOD	
4	60	SLPICC -0460-KOD	DLPICC -0460-KOD	
5	40	SLPICC -0540-KOD	DLPICC -0540-KOD	
5	50	SLPICC -0550-KOD	DLPICC -0550-KOD	
5	55	SLPICC -0555-KOD	DLPICC -0555-KOD	
5	60	SLPICC -0560-KOD	DLPICC -0560-KOD	
6	40		DLPICC -0640-KOD	TLPICC -0640-KOD
6	50		DLPICC -0650-KOD	TLPICC -0650-KOD
6	55		DLPICC -0655-KOD	TLPICC -0655-KOD
6	60		DLPICC -0660-KOD	TLPICC -0660-KOD

*Over the dilator  
Kit Contains:*

- Peripherally inserted central Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel ( safety scalpel optional)
- Needles connector ( valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

*Over needle Peripheral Inserted central Catheters (PICCs) kits with golden tip core wire ordering information*

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G)) KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KON+G	DLPICC -0440-KON+G	
4	50	SLPICC -0450-KON+G	DLPICC -0450-KON+G	
4	55	SLPICC -0455-KON+G	DLPICC -0455-KON+G	
4	60	SLPICC -0460-KON+G	DLPICC -0460-KON+G	
5	40	SLPICC -0540-KON+G	DLPICC -0540-KON+G	
5	50	SLPICC -0550-KON+G	DLPICC -0550-KON+G	
5	55	SLPICC -0555-KON+G	DLPICC -0555-KON+G	
5	60	SLPICC -0560-KON+G	DLPICC -0560-KON+G	
6	40		DLPICC -0640-KON+G	TLPICC -0640-KON+G
6	50		DLPICC -0650-KON+G	TLPICC -0650-KON+G
6	55		DLPICC -0655-KON+G	TLPICC -0655-KON+G
6	60		DLPICC -0660-KON+G	TLPICC -0660-KON+G

*Over the needle (direct puncture)  
Kit Contains:*

- Peripherally inserted central Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with golden tip over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel ( Safety Scalpel optional)
- 10 cc syringe lok.
- Needless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives

*Over dilator Peripheral Inserted central Catheters (PICCs) kits with golden tip core wire ordering information*

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G) KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
4	40	SLPICC -0440-KOD+G	DLPICC -0440-KOD+G	
4	50	SLPICC -0450-KOD+G	DLPICC -0450-KOD+G	
4	55	SLPICC -0455-KOD+G	DLPICC -0455-KOD+G	
4	60	SLPICC -0460-KOD+G	DLPICC -0460-KOD+G	
5	40	SLPICC -0540-KOD+G	DLPICC -0540-KOD+G	
5	50	SLPICC -0550-KOD+G	DLPICC -0550-KOD+G	
5	55	SLPICC -0555-KOD+G	DLPICC -0555-KOD+G	
5	60	SLPICC -0560-KOD+G	DLPICC -0560-KOD+G	
6	40		DLPICC -0640-KOD+G	TLPICC -0640-KOD+G
6	50		DLPICC -0650-KOD+G	TLPICC -0650-KOD+G
6	55		DLPICC -0655-KOD+G	TLPICC -0655-KOD+G
6	60		DLPICC -0660-KOD+G	TLPICC -0660-KOD+G

*Over the dilator  
Kit Contains:*

- Peripherally inserted central Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with golden tip
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel ( safety scalpel optional)
- Needles connector ( valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

## 1.4. Pressure Resistance Peripheral Inserted Central Catheter (PressPICCs)



- Pressure resistant peripheral inserted central venous catheters.
- PressPICC catheters combine the efficacy of PICC access with the efficiency of pressure standing injection for CECT scans.

### Features and Properties

#### CATHETER FEATURES:

Polyurethane Material.  
T-connector with side valve.  
Pressure resistant.  
Reverse tapper.  
Reverse marking Trimable

#### KIT FEATURES:

Fine needle.  
short peel away. Nitinol guide wire.

### Catheters performances:

Lumen	Size (Fr)	Length (cm)	Lumen type						Max flow rate in ml/sec without failure	Maximum Pressure distal can support
			Distal		Proximal		Medial			
			Flow Rate (ml/hr)	Gauge (Ga)	Flow Rate (ml/hr)	Gauge (Ga)	Flow Rate (ml/hr)	Gauge (Ga)		
Single	3	55	300	20					5	300
	4	55	950	18					5	300
	5	55	1630	16					5	300
Double	5	55	730	18	720	18			5	300
	6	55	1180	18	1160	18			5	300
Triple	6	55	660	18	260	22	260	22	5	300

Two placement procedures over dilator (modified Seldinger) and over needle (direct puncture)

**Over needle Pressure resistant peripheral inserted central catheters (PICCs) kits ordering information**

PRESSURE RESISTANT PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC0355-KON		
4	55	PRSLPICC0455-KON		
5	55	PRSLPICC0555-KON	PRDLPICC0555-KON	
6	55		PRDLPICC0655-KON	PRTLPICC0655-KON

**Over dilator Pressure resistant peripheral inserted central catheters (PICCs) kits ordering information**

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH STAINLESS STEEL TIP KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC -0355-KOD		
4	55	PRSLPICC -0455-KOD		
5	55	PRSLPICC -0555-KOD	PRDLPICC -0555-KOD	
6	55		PRDLPICC -0655-KOD	PRTLPICC -0655-KOD

**Over the needle (direct puncture) Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel ( Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

**Over the dilator Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel ( safety scalpel optional)
- Needles connector ( valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

**Over needle pressure resistant peripheral inserted central catheters (PICCs) kits with golden tip core wire ordering information**

PRESSURE RESISTANT PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G) KIT FOR DIRECT PUNCTURE INCLUDING OVER THE NEEDLE PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC-0355-KON+G		
4	55	PRSLPICC-0455-KON+G		
5	55	PRSLPICC-0555-KON+G	PRDLPICC-0555-KON+G	
6	55		PRDLPICC-0655-KON+G	PRTLPICC-0655-KON+G

**Over dilator pressure resistant peripheral inserted central catheters (PICCs) kits with golden tip core wire ordering information**

PERIPHERAL INSERTED CATHETER INCLUDING CORE WIRE WITH GOLD COATED TIP (G) KIT FOR MODIFIED SELDINGER PUNCTURE INCLUDING OVER THE DILATOR PEEL AWAY INTRODUCER

Fr. Size	length	Single lumen	double lumen	triple lumen
3	55	PRSLPICC-0355-KOD+G		
4	55	PRSLPICC-0455-KOD+G		
5	55	PRSLPICC-0555-KOD+G	PRDLPICC-0555-KOD+G	
6	55		PRDLPICC-0655-KOD+G	PRTLPICC-0655-KOD+G

**Over the needle (+ golden tip) (direct puncture) Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with golden tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel ( Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

**Over the dilator (+ golden tip) Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with golden tip.
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel ( safety scalpel optional)
- Needles connector ( valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

## 2.1 Pediatric Central Venous Catheter



Used as vascular access for the central venous system for pediatric patient. The catheter and kit contents are adapted to fit pediatric sizes and anatomy.

### *The Optimal Length Of Insertion of Central Venous Catheters for Pediatric Patients*

Dean B. Andropoulos, MD Sabrina T. Bent, MD, Barbara Skjonsby, RN, and Stephen A. Stayer, MD  
Division of Pediatric cardiovascular Anesthesiology, Texas Children Hospital and Baylor College of Medicine, Houston, Texas.

Fr. Size	length	Single lumen	double lumen	triple lumen
2	25	CSLC- 0225-KU		
3	25	CSLC- 0325-KU	CDLC- 0325-KU	
4	25	CSLC- 0425-KU	CDLC- 0425-KU	CTLC- 0425-KU

### Recommended Length

Patient Weight (Kg)	Length of CVC insertion (cm)
2-2.9	4
3-4.9	5
5-6.9	6
7-9.9	7
10-12/9	8
13-19.9	9
20-29.9	10
30-39.9	11
40-49.9	12
50-59.9	13
60-69.9	14
70-79.9	15
≥ 80	16

*Pediatric (P) Catheter kit including introducer needle, 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KP			
2	8	CSLC-0208-KP			
3	5	CSLC-0305-KP	CDLC-0305-KP		
3	8	CSLC-0308-KP	CDLC-0308-KP		
3	13	CSLC-0313-KP	CDLC-0313-KP		
4	8	CSLC-0408-KP	CDLC-0408-KP	CTLC-0408-KP	
4	13	CSLC-0413-KP	CDLC-0413-KP	CTLC-0413-KP	
5	8		CDLC-0508-KP	CTLC-0508-KP	
5	13		CDLC-0513-KP	CTLC-0513-KP	
5	20			CTLC-0520-KP	
6	8				CQLC-0608-KP
6	13				CQLC-0613-KP
6	20				CQLC-0620-KP

*Pediatric (P) Catheter kit including over the needle catheter (O), 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KPO			
2	8	CSLC-0208-KPO			
3	5	CSLC-0305-KPO	CDLC-0305-KPO		
3	8	CSLC-0308-KPO	CDLC-0308-KPO		
3	13	CSLC-0313-KPO	CDLC-0313-KPO		
4	8	CSLC-0408-KPO	CDLC-0408-KPO	CTLC-0408-KPO	
4	13	CSLC-0413-KPO	CDLC-0413-KPO	CTLC-0413-KPO	
5	8		CDLC-0508-KPO	CTLC-0508-KPO	
5	13		CDLC-0513-KPO	CTLC-0513-KPO	
5	20			CTLC-0520-KPO	
6	8				CQLC-0608-KPO
6	13				CQLC-0613-KPO
6	20				CQLC-0620-KPO



*Pediatric (P) Catheter kit including introducer needle, guiding Y connector (GY), 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KPGY			
2	8	CSLC-0208-KPGY			
3	5	CSLC-0305-KPGY	CDLC-0305-KPGY		
3	8	CSLC-0308-KPGY	CDLC-0308-KPGY		
3	13	CSLC-0313-KPGY	CDLC-0313-KPGY		
4	8	CSLC-0408-KPGY	CDLC-0408-KPGY	CTLC-0408-KPGY	
4	13	CSLC-0413-KPGY	CDLC-0413-KPGY	CTLC-0413-KPGY	
5	8		CDLC-0508-KPGY	CTLC-0508-KPGY	
5	13		CDLC-0513-KPGY	CTLC-0513-KPGY	
5	20			CTLC-0520-KPGY	
6	8				CQLC-0608-KPGY
6	13				CQLC-0613-KPGY
6	20				CQLC-0620-KPGY

*Pediatric (P) Catheter kit including introducer needle, guiding Y connector, 3 cc syringe, nitinol guide wire (N), scalpel, vessel dilator, end valves (V)*

Fr. Size	length	Single lumen	double lumen	triple lumen	quadre lumen
2	5	CSLC-0205-KPGYV			
2	8	CSLC-0208-KPGYV			
3	5	CSLC-0305-KPGYV	CDLC-0305-KPGYV		
3	8	CSLC-0308-KPGYV	CDLC-0308-KPGYV		
3	13	CSLC-0313-KPGYV	CDLC-0313-KPGYV		
4	8	CSLC-0408-KPGYV	CDLC-0408-KPGYV	CTLC-0408-KPGYV	
4	13	CSLC-0413-KPGYV	CDLC-0413-KPGYV	CTLC-0413-KPGYV	
5	8		CDLC-0508-KPGYV	CTLC-0508-KPGYV	
5	13		CDLC-0513-KPGYV	CTLC-0513-KPGYV	
5	20			CTLC-0520-KPGYV	
6	8				CQLC-0608-KPGYV
6	13				CQLC-0613-KPGYV
6	20				CQLC-0620-KPGYV

## 2.2. Pediatric Peripheral inserted central catheter

		<i>Peripheral inserted Catheter including core wire with stainless steel tip kit for direct puncture including over the needle peel away introducer</i>		<i>Peripheral inserted Catheter including core wire with stainless steel tip kit for modified seldinger puncture including over the dilator peel away introducer</i>	
Fr. Size	length	Single lumen	double lumen	Single lumen	double lumen
1.9	30	SLPICC -01.930-KON			
3	40	SLPICC -0340-KON		SLPICC -0340-KOD	
3	50	SLPICC -0350-KON	DLPICC -0340-KON	SLPICC -0350-KOD	DLPICC -0350-KOD
3	55	SLPICC -0355-KON	DLPICC -0355-KON	SLPICC -0355-KOD	DLPICC -0355-KOD
3	60	SLPICC -0360-KON	DLPICC -0360-KON	SLPICC -0360-KOD	DLPICC -0360-KOD
4	40	SLPICC -0440-KON	DLPICC -0440-KON	SLPICC -0440-KOD	DLPICC -0440-KOD
4	50	SLPICC -0450-KON	DLPICC -0450-KON	SLPICC -0450-KOD	DLPICC -0450-KOD
4	55	SLPICC -0455-KON	DLPICC -0455-KON	SLPICC -0455-KOD	DLPICC -0455-KOD
4	60	SLPICC -0460-KON	DLPICC -0460-KON	SLPICC -0460-KOD	DLPICC -0460-KOD

		<i>Peripheral inserted Catheter including core wire with gold coated tip (G)) kit for direct puncture including over the needle peel away introducer</i>		<i>Peripheral inserted Catheter including core wire with gold coated tip (G) kit for modified seldinger puncture including over the dilator peel away introducer</i>	
Fr. Size	length	Single lumen	double lumen	Single lumen	double lumen
1.9	30	SLPICC -01.930-KON+G			
3	40	SLPICC -0340-KON+G		SLPICC -0340-KOD+G	
3	50	SLPICC -0350-KON+G	DLPICC -0340-KON+G	SLPICC -0350-KOD+G	DLPICC -0340-KOD+G
3	55	SLPICC -0355-KON+G	DLPICC -0355-KON+G	SLPICC -0355-KOD+G	DLPICC -0355-KOD+G
3	60	SLPICC -0360-KON+G	DLPICC -0360-KON+G	SLPICC -0360-KOD+G	DLPICC -0360-KOD+G
4	40	SLPICC -0440-KON+G	DLPICC -0440-KON+G	SLPICC -0440-KOD+G	DLPICC -0440-KOD+G
4	50	SLPICC -0450-KON+G	DLPICC -0450-KON+G	SLPICC -0450-KOD+G	DLPICC -0450-KOD+G
4	55	SLPICC -0455-KON+G	DLPICC -0455-KON+G	SLPICC -0455-KOD+G	DLPICC -0455-KOD+G
4	60	SLPICC -0460-KON+G	DLPICC -0460-KON+G	SLPICC -0460-KOD+G	DLPICC -0460-KOD+G

### Over the needle (direct puncture) Kit Contains:

- Peripherally inserted central Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel ( Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

### Over the dilator Kit Contains:

- Peripherally inserted central Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip ( with golden tip for +G codes).
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel ( safety scalpel optional)
- Needles connector ( valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape



		<i>Pressure Resistant Peripheral inserted Catheter including core wire with stainless steel tip kit for direct puncture including over the needle peel away introducer</i>	<i>Pressure Resistant Peripheral inserted Catheter including core wire with stainless steel tip kit for modified seldinger puncture including over the dilator peel away introducer</i>
<b>Fr. Size</b>	<b>length</b>	<b>Single lumen</b>	<b>Single lumen</b>
3	55	PRSLPICC -0355-KON	PRSLPICC -0355-KOD

		<i>Pressure Resistant Peripheral inserted Catheter including core wire with gold tip kit for direct puncture including over the needle peel away introducer</i>	<i>Pressure Resistant Peripheral inserted Catheter including core wire with gold tip kit for modified seldinger puncture including over the dilator peel away introducer</i>
<b>Fr. Size</b>	<b>length</b>	<b>Single lumen</b>	<b>Single lumen</b>
3	55	PRSLPICC -0355-KON+G	PRSLPICC -0355-KOD+G

**Over the needle  
(direct puncture)  
Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T connector with side-arm valve connector.
- Straight end Nitinol core wire with flexible stainless steel tip.
- over the needle peel away sheath introducer.
- Measuring tape.
- Mini scalpel ( Safety Scalpel optional)
- 10 cc syringe lok.
- Needleless connector (Valve).
- Catheter hub securement adhesive (Unifix lok).
- Transparent catheter adhesives.

**Over the dilator  
Kit Contains:**

- Peripherally Pressure resistant Catheter.
- Touhy borst
- T-connector with side-arm valve.
- Straight end Nitinol core wire with flexible stainless steel tip ( with golden tip for +G codes)
- Straight end Nitinol core guide wire
- Introducer needle with echogenic tip
- 10 CC syringe lok
- Over the dilator peel away sheath introducer
- Mini Scalpel ( safety scalpel optional)
- Needles connector ( valves).
- Catheter hub securement adhesive (Unifix lok)
- Transparent adhesive
- Measuring tape

### 3.1. Coated and Non-coated Dilators

**Description:**

Tubular device used for dilating the percutaneous opening into a blood vessel. It has tapered distal end and proximal end welded to a hub.  
Hydrophilic coating is available to add more smoothness to the dilatation procedure



**BENEFITS:**

Long tapered TIP Rounded Tip (radius)

**MATERIAL:**

Tube Polypropylene or Polyethylene or Polyurethane  
Hub ABS

**VERSIONS:**

Available sizes (4 Fr. To 16 Fr.)

**Non-Coated**

Size Fr	Tube Color	length Cm	Matched guide wire	Non coated Codes	Coated codes	Tube Color
4	Red	10	0.018"	DIL-041018	DIL-041018-H	White
4	Red	10	0.021"	DIL-041021	DIL-041021-H	White
5	Grey	10	0.021"	DIL-051021	DIL-051021-H	White
6	Green	12	0.021"	DIL-061221	DIL-061221-H	White
6	Green	12	0.028"	DIL-061228	DIL-061228-H	White
6	Green	12	0.035"	DIL-061235	DIL-061235-H	White
7	Orange	12	0.032"	DIL-071232	DIL-071232-H	White
7	Orange	12	0.035"	DIL-071235	DIL-071235-H	White
8	Dark Blue	12	0.032"	DIL-081232	DIL-081232-H	White
8	Dark Blue	12	0.035"	DIL-081235	DIL-081235-H	White
9	Light Blue	12	0.035"	DIL-091222	DIL-091222-H	White
10	Light Blue	12	0.035"	DIL-101222	DIL-101222-H	Light Blue
12	Light Blue	12	0.035"	DIL-121222	DIL-121222-H	Light Blue
14	Light Blue	12	0.035"	DIL-141222	DIL-141222-H	Light Blue
16	Light Blue	12	0.035"	DIL-161222	DIL-161222-H	Light Blue

### 3.2. Guide Wire Scale Dispenser

#### Description:

A calibrated housing used as dispenser and advancer for guidewires. The housing readily permits the physician to accurately advance the guide wire a desired length into the patient. The distal end of the guide wire aligns with a reading on the housing that correlated with the advanced length. The housing is equipped with thumb roller to improve advancing control and to exert friction to prevent spontaneous slippage of the guide wire before or during use..

#### BENEFITS:

Avoid unseen, missed or wrong interpretation of length markings over the guide wire  
Work with non length marked guide wires  
Easier controlled advancement of guide wires without accidental slippage.

#### FEATURES:

Compact one piece to prevent disassembly and damage during transit, storage and use  
Light weight  
Transparent  
Readable at both sides (for right or left handed users)  
Numbering every 5 Cm Marking every 1 Cm..

#### MATERIAL:

House and roller are made from Polypropylene Cap is made from semi rigid P.V.C

#### DIMENSIONS:

Outer Diameter 11.4 Cm Inner Diameter 8.8 Cm Weight 30 Gm

#### VERSIONS:

GWSD-5 for 50 Cm Guidewires  
GWSD-6 for 60 Cm Guidewires  
GWSD-7 for 70 Cm Guidewires



### 3.3. Guiding Syringe

#### Description:

A syringe-type device for inserting a catheter guide wire into a blood vessel includes a syringe in which the plunger has a central passage extending through it. A thin guiding tube with lateral holes is fixed to the syringe barrel tip and fits slidably in the central passage of the plunger. The plunger central passage is normally blocked by a closure valve.

When The needle is inserted into the blood vessel, plunger is then withdrawn somewhat to permit blood to be observed in the body of the syringe for verification of proper needle positioning. The guide wire advancer piece of the guide wire assembly is introduced and pushed inside the central tunnel of silicon valve. The piece will hold the advancer to work together as one piece. The tip of the advancer or the guide wire dispenser should first open the slot cut at of the valve . In this position, the central passage of the guide wire advancer is aligned and in communication with central passage of the plunger, the guiding thin tube and the needle lumen. The guide wire may then be fed into the blood vessel by advancing it through the central passage of the guide tube and the needle lumen.

#### BENEFITS:

Complete haemostatic advancement of guide wire into vessels  
Avoid possible kinking of the guide wire while passing the valve.  
Work with any guide wire size including the thin or fragile types  
Keep the sensation of passing the wire into the vein with a feeling of any slight resistance  
Detect arterial mis puncture through viewing the arterial pulsation at its piston pass way.

#### FEATURES:

Can be used as a standard syringe to inject or aspirate  
Light weight  
Transparent piston

#### MATERIAL:

Plunger is made from Polypropylene  
Piston & tube are made from Polycarbonate Valves is made from Silicon

#### VERSIONS:

GNS-5 (5 CC syringe with transparent piston)  
GNS-5B (5 CC syringe with blue piston)



### 3.4. Guiding Y Connector

#### Description:

Y shape connector device for inserting a catheter guide wire into a blood vessel includes a Y shape connector. The connector have a male slip at one arm terminal, a male luer at a second arm terminal while the third arm is blocked by a closure valve to prevent passage of fluid through the guide passage during flushing or aspirating of the catheter introduction syringe . The silicon valve piece has inside tunnel that end with a slot cut. The Y connector is to be attached to introducer needle at the male slip arm and to a traditional syringe at the male luer arm.

When the needle is inserted into the blood vessel, the plunger of the standard syringe is then withdrawn somewhat to permit blood to be observed in the body of the syringe for verification of proper needle positioning. The guide wire advancer of the guide wire dispenser is introduced and pushed inside the central tunnel of the silicon valve. The piece will hold the advancer to work together as one piece. The tip of the advancer of the guide wire dispenser should first open the slot cut at the U shaped silicon piece. In this position, the central passage of the guide wire advancer is aligned and in communication with central passage of the Y connector and the needle lumen. The guide wire may then be fed into the blood vessel by advancing it through the central passage of Y connector and the needle lumen. In another version the male slip arm occupy an introducer needle.

#### BENEFITS:

Complete haemostatic advancement of guide wire into vessels  
Avoid possible kinking of the guide wire while passing the valve.  
Work with any guide wire size including the thin or fragile types  
Better manipulation than guiding syringe especially in pediatric use.Keep the sensation of passing the wire into the vein with a feeling of any slight resistance

#### FEATURES:

Light weight Transparent

#### MATERIAL:

Y connector is made from co polyester Valves is made from Silicon

#### VERSIONS:

GYC (Guiding Y Connector)  
GYC-1807 (Guiding Y Connector with needle G18 x 7 Cm)  
GYC-2004 (Guiding Y Connector with needle G20 x 4 Cm)



### 3.5. Unifix and Unifix Lok

#### Unifix

Hypoallergenic tube fixation adhesive  
Suturless fixation device  
Fix most of the tube sizes  
Code UNF-T



#### Unifix Lok

Hypoallergenic Catheter hub fixation adhesive  
Suturless fixation device  
suitable for many catheter hub shapes  
Code UNF-L





- Established at 2001 for design, development and production of sterile dialysis catheter kits and accessories, Central venous kits and accessories, Urological catheters kits, stents, needles and accessories.

- 250 people are currently working at Ameco among them 5 doctors, 8 engineers, high caliber administrative, logistic and production .

- All manufacturing processes are under one roof. Extrusion, molding, over molding, tipping, punching, assembly, coating packaging and sterilization.

- Many Success stories for contract manufacturing and private labeling with major international companies.

- In 2002, Amecath received ISO13485 certificate in scope of design, development and production of catheter and kits, entailing that Amecath is applying full product quality assurance and Quality management system from design, production to service provision.

- In 2002, Amecath received EC mark (EC certificate) for all products, entailing that Amecath products can be freely placed in the market of 25 European countries and other countries with recognition of the European directives

- In 2005, Amecath received EC-Design examination for class III products (Central

Venous Haemodialysis catheters for long term use), entailing that the device has passed the examination for safety and performance.

- In 2011, Amecath received Health Canada approval for central venous catheters, short term haemodialysis catheter and sheath introducer and urology double loop stents.

- In 2011, Amecath received Russian registration for central venous catheter and hemodialysis catheter, other products are under the registration process

- In 2012, Amecath received FDA approval for central venous catheter and short term hemodialysis catheter other products are currently under fda review.

- In 2013, Amecath received FDA approval for Dual lumen implantable long term haemodialysis catheters, sheath introducers and other products are currently under FDA review.

- In 2013, Amecath received EC-Design examination for class III products (Central Venous and peripherally inserted central catheters), entailing that the device has passed the examination for safety and performance

- In 2013, Amecath received health Canada Approval for long term implantable hemodialysis catheters

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## *Manufactured By:*

### **AMECO MEDICAL INDUSTRIES**

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10<sup>th</sup> of Ramadan city - Egypt

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## *Authoized European Representative*

### **Obelis s.a**

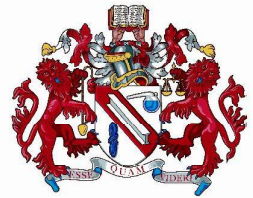
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# EC Certificate - Full Quality Assurance System

Directive 93/42/EEC on Medical Devices, Annex II excluding Section 4

**No.** **CE 67878**  
Issued To: **Ameco Medical Industries**  
**Industrial Zone B4**  
**Plot 119 East**  
**10th of Ramadan City**  
**Egypt**

In respect of:

**Design, development and manufacturing of sterile biopsy needles, Ureteric stent kits, kits and accessories for Urology catheters; dialysis catheters, Central and midline venous catheters, Percutaneous sheath introducers**

on the basis of our examination of the quality assurance system under the requirements of Council Directive 93/42/EEC, Annex II excluding section 4. The quality assurance system meets the requirements of the directive. For the placing on the market of class III products an Annex II section 4 certificate is required.

For and on behalf of BSI, a Notified Body for the above Directive (Notified Body Number 2797):

Gary E Slack, Senior Vice President Medical Devices

First Issued: **2002-11-27**

Date: **2019-05-09**

Expiry Date: **2022-11-26**

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Page 1 of 3

Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI. This certificate was issued electronically and is bound by the conditions of the contract.



# EC Certificate - Full Quality Assurance System

## Supplementary Information to CE 67878

Issued To: **Ameco Medical Industries  
Industrial Zone B4  
Plot 119 East  
10th of Ramadan City  
Egypt**

NBOG code(s)	Device description	Intended purpose
<b>Class III</b>		
MD 0102	Long term haemodialysis catheters kits (Dialysis catheters kits)	See CE 531658
MD 0102	Central venous catheters kits (Venous catheters kits)	See CE 531658
<b>Class IIb</b>		
MD 0102	Peritoneal dialysis catheter kits	Surgical Invasive, single use, intended for attaining long term peritoneal access for peritoneal dialysis
MD 0102	Vascular catheter kits	Surgical Invasive, single use, intended for attaining temporary vascular access for hemodialysis, extra corporeal therapy, infusion, or transfusion
MD 0106	Ureteral stent, catheter and catheter kits	Invasive, single use, intended For stenting the ureter and temporary internal drainage from the renal pelvis to the bladder.

First Issued: **2002-11-27**

Date: **2019-05-09**

Expiry Date: **2022-11-26**

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Page 2 of 3

Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI.

This certificate was issued electronically and is bound by the conditions of the contract.



# EC Certificate - Full Quality Assurance System

## Supplementary Information to CE 67878

Issued To:

**Ameco Medical Industries  
Industrial Zone B4  
Plot 119 East  
10th of Ramadan City  
Egypt**

<b>Class IIa</b>		
MD 0102	Urological drainage Catheters & Catheter kits	NA for class IIa devices
MD 0106	Endotherapy dilators	NA for class IIa devices
MD 0106	Needles / Guidewires	NA for class IIa devices
MD 0106	Ureteral Stone Basket	NA for class IIa devices

First Issued: **2002-11-27**Date: **2019-05-09**Expiry Date: **2022-11-26**

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Page 3 of 3

Validity of this certificate is conditional on the quality system being maintained to the requirements of the Directive as demonstrated through the required surveillance activities of the Notified Body. This approval excludes all products designed and/or manufactured by a third party on behalf of the company named on this certificate, unless specifically agreed with BSI.

This certificate was issued electronically and is bound by the conditions of the contract.

# Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 13485:2016

This is to certify that:

**Ameco Medical Industries**  
Industrial Zone B4  
Plot 119 East  
10th of Ramadan City  
Egypt

Holds Certificate Number:

MD 68227

and operates a Quality Management System which complies with the requirements of ISO 13485:2016 for the following scope:

The design, development and manufacture of sterile dialysis catheters, kits and accessories, urology catheters, kits and accessories, central venous catheters, kits and accessories, urological stents, biopsy needles and percutaneous sheath introducer kits.

For and on behalf of BSI:

Stewart Brain, Head of Compliance & Risk - Medical Devices

Original Registration Date: 2002-11-29

Latest Revision Date: 2017-08-02

Effective Date: 2017-08-03

Expiry Date: 2020-08-02

Page: 1 of 1



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# G-CERTI Certificate

G-CERTI hereby certifies that

**AMECO MEDICAL INDUSTRIES**

INDUSTRIAL AREA B4 PLOT 119 EAST, 10TH OF RAMADAN CITY - EGYPT

has been audited and certified as meeting the requirements & Scope of registration

## ISO 14001:2015

### Environmental Management Systems

DESIGN, DEVELOPMENT AND MANUFACTURING OF STERILE BIOPSY NEEDLE, URETERIC STENT KILTS AND ACCESSORIES FOR UROLOGY CATHETER, DIALYSIS CATHETER, CENTRAL VENOUS CATHETER AND PERCUTANEOUS SHEATH INTRODUCER KILTS

Certificate No :	GIEG-0184-EC	Code	: 23
Initial Date :	17. Sep. 2018	Issue Date :	17. Sep. 2018
Expiry Date :	16. Sep. 2021	Valid period :	17. Sep. 2018 ~ 16. Sep. 2019

Signed for and behalf of GCERTI  
President I.K. Choi

To verify the validity of this certificate please visit : www.gcerti.com  
Korea, Seoul, Eunpyeong-gu, Eunpyeong-ro, 88, 15F. Surveillance  
audits shall be conducted at least once a calendar year, except in  
recertification years. This is certify that the Management Systems  
of this company has been found to confirm to the above.  
If the certified client does not allow surveillance, recertification  
audits, certificate should be returned to GCERTI.  
This certificate remains the property of GCERTI and this  
certificate is recognized by GCERTI.

