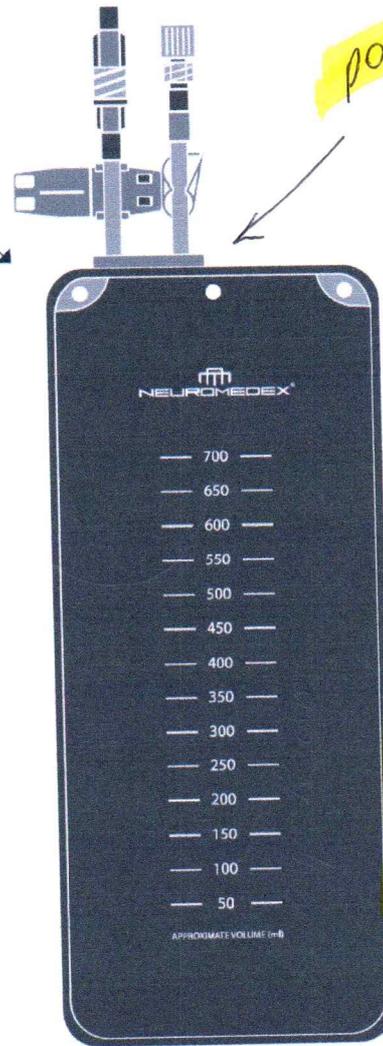


Drainage Bag
700 ml
(Ref. No.: 59-0000)



POZ. 80; d1
Nerimas
maielis
700ml

gradacija
kas 50 ml

VentrEX® Complete EVD system

Ref. No.: 59-0000

Replacement EVD Drainage bag,
700ml, large-bore-connector

NEUROMEDEX - NEUROMEDEX

Direk
Pauliu
KOP



VENTREX®
EXTERNAL VENTRICULAR
DRAINAGE

cm H₂O

mm Hg

30

22

29

21

28

20

27

19

26

18

25

17

poz. 80; 21

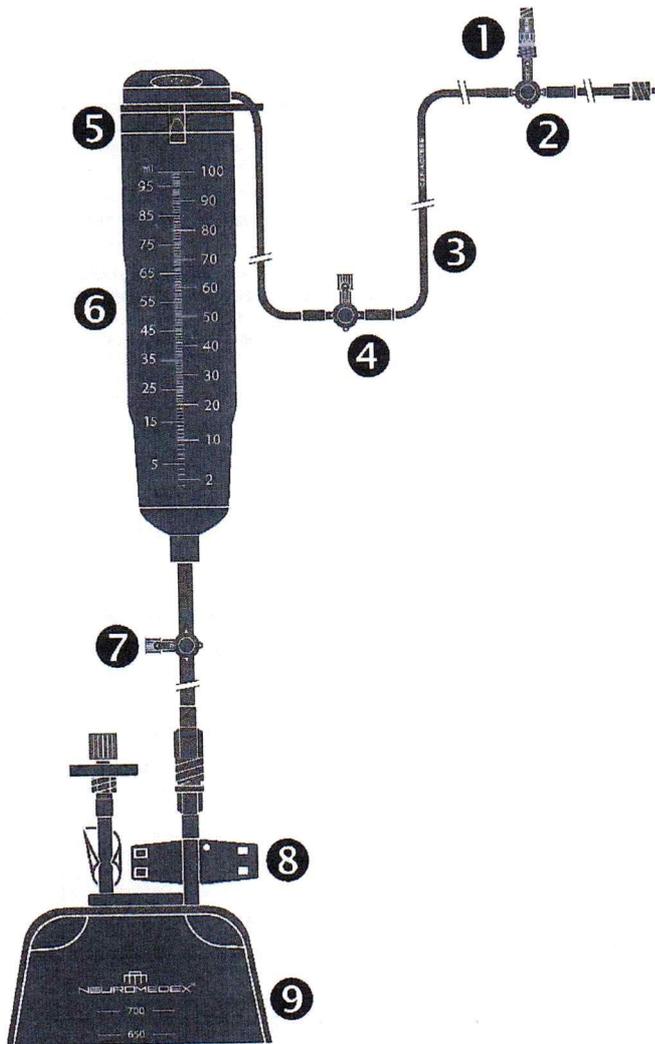
skalės diapazonas
cm H₂O ir mm Hg

KOPIJA TIK

Direktorius
Paulius S.



CSF-DRAINAGE



- (1) Injection Port
- (2) 3-way Injection Stopcock
- (3) Patient Line
- (4) 3-way Monitoring Stopcock
alternative: Transducer
- (5) Duckbill checkvalve
- (6) Measuring Chamber
inaccuracy of measuring $\leq 0.5\%$
- (7) Stopcock
- (8) Drainage Bag Safety Clip
- (9) Drainage Bag

poz. 80; d1
duckbill voštavas
(analogiškas skėičio
tipo voštavui)

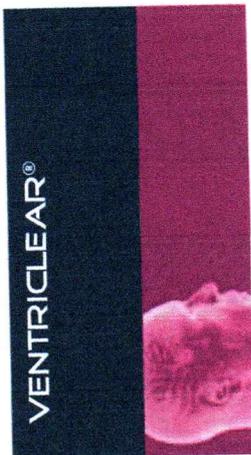
poz. 80; d1
antimikrobines filtras

Possible errors

Problem:	Possible cause:	Measures:
insufficient liquor drainage	ventricular catheter kinked or clotted	<ul style="list-style-type: none"> ▪ remove kink ▪ carefully flush catheter via a micro filter (0.2 μm), if required ▪ replace catheter, if required
	drainage tube or Duckbill checkvalve (5) clogged	<ol style="list-style-type: none"> 1. close three-way injection stopcock (2) to patient 2. rinse system with isotonic NaCl solution through three-way injection stopcock (2) via a micro filter (0.2 μm) 3. reset stopcock to initial position <ul style="list-style-type: none"> ▪ replace CSF drainage system
	bacterial filter clotted	<ul style="list-style-type: none"> ▪ replace CSF drainage system
contents of measuring chamber do not drain off	drainage tube below the measuring chamber (6) closed	<ul style="list-style-type: none"> ▪ open stopcock (7) below the measuring chamber (6)
	bacterial filter clotted	<ul style="list-style-type: none"> ▪ replace CSF drainage system
missing amplitude on the pressure display	three-way monitoring stopcock (4) closed	<ul style="list-style-type: none"> ▪ open three-way monitoring stopcock (4) to pressure converter
	ventricular catheter or drainage tube clogged	<ul style="list-style-type: none"> ▪ see "insufficient liquor drainage"
	ventricular catheter or drainage tube kinked cable connection at monitor interrupted pressure transducer defective	<ul style="list-style-type: none"> ▪ remove kink ▪ check cable connection and replace signal cable, if required ▪ check pressure transducer function and replace pressure transducer, if required
low ICP amplitude	ICP measurement with simultaneous drainage	<ul style="list-style-type: none"> ▪ close three-way monitoring stopcock (4) to measuring chamber (6)
pressure signal increases continuously	three-way monitoring stopcock (4) to measuring chamber (8) closed	<ul style="list-style-type: none"> ▪ open three-way monitoring stopcock (4) to measuring chamber (6)
	Duckbill checkvalve (5) clotted	<ol style="list-style-type: none"> 1. close three-way injection stopcock (2) to patient 2. rinse system with isotonic NaCl solution through three-way injection stopcock (2) via a micro filter (0.2 μm) 3. reset stopcock to initial position
	bacterial filter clotted	<ul style="list-style-type: none"> ▪ replace CSF drainage system

Direktorit
Paulius Šu
KOPIJA TI





Ventricular catheter for external drainage with stylet, catheter connector, spare butterfly and trocar

Ventriclear®-Ventricular Catheter

Ref. No.: 60-1210

8.5 F. large perforation

I. D./O. D.: 1.6 mm / 2.8 mm

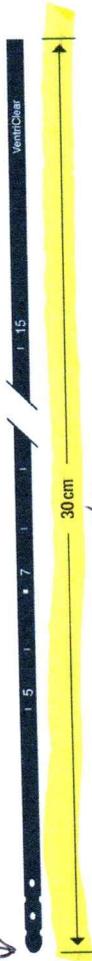
Length: 30 cm

Perforation: 8 oval holes

poz. 77.
21.

*vienuotasis
uzdevams galas*

Ventricular Catheter 8.5 F
I. D./O. D.:
1.6 mm / 2.8 mm



ilgums

Stylet

stiletas

Trocar

lentības traucēkams

Spare Butterfly



Catheter Connector



katetero luer tipo konektoņus





Neuromedex GmbH | Vierenkamp 15 | D-22453 Hamburg | Germany

Medex Baltic JSC
Rokelių g.10
Warehouse
46148 Kaunas
Litauen

07. March 2024

Information 3-way Stopcock vs Y-sampling port

Dear Vladimiras,

PO2 21,80

We would like to inform you that the patient-oriented 3-way stopcock (which is actually a 4-way stopcock) with a needleless valve is functionally identical to the Y-sampling port from Codman.

The advantages of our VentrEX are:

- Our CSF sampling point is closer to the patient than Codman's and therefore the sample shows a more realistic picture of potential CSF contamination.
- We have fewer connectors in the patient line, so there is less chance of clotting or damage with our system.

With best regards
Neuromedex GmbH

i.V. Stephanie Göger
Customer Service Representative

i.V. Guido Schmidt
Customer Service Representative

NEUROMEDEX®

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Hamburger Volksbank eG
IBAN DE04 2019 0003 0019 5623 06
BIC GENODEF1HH2

VAT-ID: DE 118647
Trade Register
HRB 19038

Management Board
Dr. Geyer
Dr. D. Medis

KOPIJA TI
Direkto
Paulius!



Disposable Concentric Needle Electrode

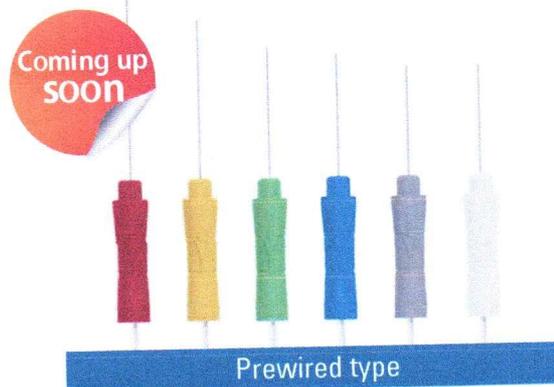
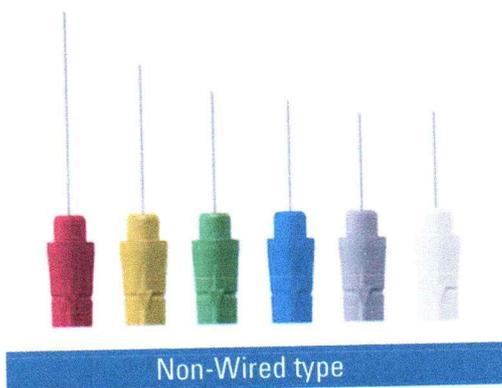
- Silver electrode core wire for optimal signal quality and noise reduction
- Computer controlled sharpened to ensure smooth penetration, reduce patient discomfort
- Smooth stainless steel cannula provides lowest possible friction
- Color-coded hub for ease of needle gauge and length selection
- Hub has an indicator of recording position
- Designed for use in Electromyography,
- Sterile, single patient use peel pack for patient and practitioners safety.
- Re-usable cable for easy one touch connection to concentric and monopolar needles.



Specifications

PACKAGING | 1 pc/Pack, 25 pcs/Box

Model		Length	Diameter	Recording Area	Hub Color
Non-wired	Prewired				
BC2530	-	25mm	0.30mm (30G)	0.02mm ²	White
BC2526	-	25mm	0.45mm (26G)	0.07mm ²	Gray
BC3028	-	30mm	0.36mm (28G)	0.02mm ²	Blue
<i>poz. 73.1</i> → BC3826	-	38mm	0.45mm (26G)	0.07mm ²	Green
BC5026	-	50mm	0.45mm (26G)	0.07mm ²	Yellow
BC7523	-	75mm	0.65mm (23G)	0.07mm ²	Red



Cables for Disposable Concentric Needle Electrode

- Orientation-free connection, Shielded wire for low noise quality signal.
- **5 pin 2700 DIN connector for equipment.**
- Available cables in lengths of 1m and 2 m.
- Flexible cable, durable for repeated applications.

Model	Length	Type
RCC100	1m	5 Pole DIN
RCC200	2m	5 Pole DIN

PACKAGING | 1 pc/Pack



Cables for Disposable Monopolar Needle Electrode

- Safety DIN 42 802 connector for major manufacturers equipment.

Model	Length	Type
RMC80	80cm	1.5mm (DIN 42 802)
RMC100	1m	1.5mm (DIN 42 802)

PACKAGING | 1 pc/Pack

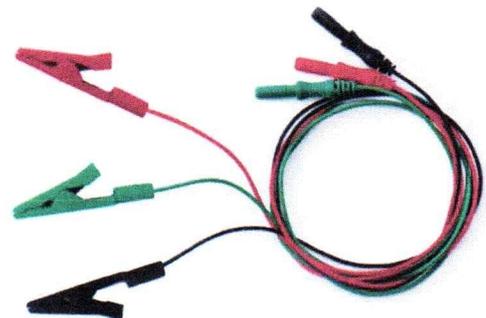


Cables for Disposable Surface Electrodes

- 1.5m long Alligator Clip leads with touchproof connector.
- Neatly clips onto electrodes, avoiding contact with gel.
- Alligator Clip Lead Wire Set Complete (1 red-1black-1 green).

Model	Length	Type
RNC150	1.5m	1.5mm (DIN 42 802)

PACKAGING | 3pcs/set, 1 set/Pack



[Nov. 8th, 2023]

Re: Confirmation Letter

Tinka naudoti su bet kokia aparatu, kuris turi 5 pin 2700 DIN standartą

This Letter is to declare clearly that we, Bio Protech Inc., hereby confirm that our concentric needle electrodes BC3826 are compatible with Nicolet Viking machine.

We are providing the cables for concentric needle electrodes with the cables and the cable has the global standard connector of 5 pin 2700 DIN. Nicolet Viking has a channel box with compatible socket to 5 pin 2700 DIN connector.

Please refer to the specification of the cable for our for concentric needle electrodes and You can check the part where the 5-pin 2700 DIN connector is inserted into the channel box of the Nicolette Viking machine.

Cables for Disposable Concentric Needle Electrode

- Orientation-free connection, Shielded wire for low noise quality signal.
- 5 pin 2700 DIN connector for equipment.
- Available cables in lengths of 1m and 2 m.
- Flexible cable, durable for repeated applications.



Model	Length	Type
RCC100	1m	5 Pole DIN
RCC200	2m	5 Pole DIN

PACKAGING | 1 pc/Pack

BP protech
Electronics & Bio products

Direktorius
Paulius
KOP



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Wonju-si, Gangwon-do, Korea 26365
Tel. + 82-33-735-7720 Fax. + 82-33-735-7736
www.protechsite.com



If you have any questions, please feel free to contact me.

Mr. Peter Seok
Quality Director, BIO PROTECH INC. / Korea
Telephone #: +82-33-735-7720
e-mail: peterseok@protechsite.com

