



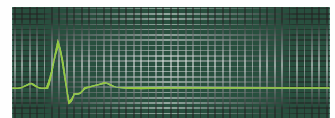
egemen[®]
INTERNATIONAL

“a Turkish brand”

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regional anesthesia



spinal anesthesia needles



New Hub Design

Atrau-com®

- Multi-angle grinded tip with special bending
- Extra thin wall
- Atraumatic



Tulip Design

pencil point

- Perfect conic elliptical bevel enables easy access to desired location, without cutting or harming tissues.

quincke tip

- Quincke bevel is formed using state of the art technology. Smooth needle point ensures easy insertion into tissues.
- Perfect matching of stylet and needle bevel prevent coring. Angular tip prevents tissue damage.
- Crystal clear needle hub enables monitoring fluid flow and helps to keep CSF loss at a minimum level.
- Thin wall needle lets faster fluid flow.



spinal anesthesia sets



- | Spinal needle
- | * Guide needle
- | * Filtered aspiration cannula
- | 5 ml syringe
- | * Transparent adhesive surgical drape
- | * Medical gauze compress
- | * Surgical towel
- | Gauze ball
- | Disposable Forceps



5 ml syringe



*Filtered aspiration cannula



*Guide needle



*Medical gauze compress



Gauze ball



*Surgical towel



*Transparent adhesive surgical drape



Disposable forceps

* Optional

** Please check page 16 for details

epidural anesthesia needles



Tuohy

Perfect angular shape
for excellent application

SIZES	reference	product name	gauge	color	length mm	length inch
 Tuohy	TEP1680	Epidural needle 16G - 80 mm	16G	white	80mm	3"
	TEP1690	Epidural needle 16G - 90 mm	16G	white	90mm	3½"
	TEP1880	Epidural needle 18G - 80 mm	18G	pink	80mm	3"
	TEP1890	Epidural needle 18G - 90 mm	18G	pink	90mm	3½"

EPIFIX®

epidural anesthesia sets



Filter with nuclear pore membrane:
Precise micro pores by nuclear
technology application
No self-pollution
Less absorption
Filtering quality mains stabile through
whole infusion process

* Please check page 12 for details

COMBIFIX[®]

spinal epidural combined anesthesia sets

SAFE-WAY[®] locking system

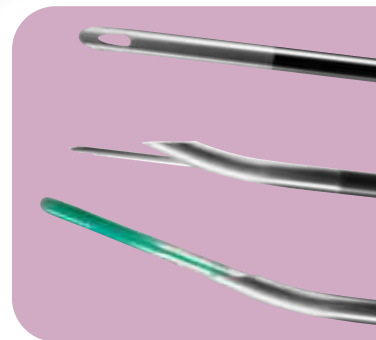


e-lock[®] locking system *



**NEW
PRODUCT!**

EPI^{jet} Automatic LOR Syringe



* This product is not sold in the patent protected countries

** Please check page 13 for details

epidural anesthesia kit

COMBIFIX[®] *Premium One[®]*

spinal - epidural combined anesthesia kit



■ Designed for utmost comfort of physician and patient during application.



Surgical towel

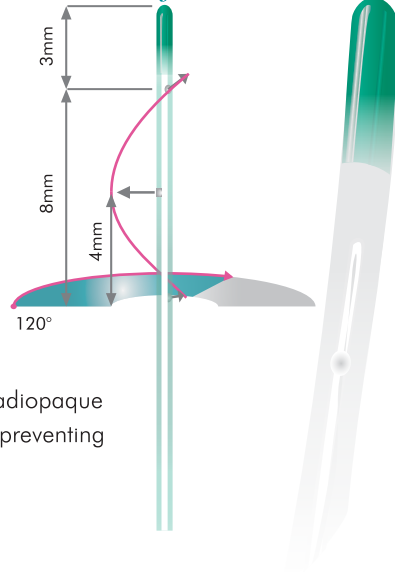


Transparent adhesive surgical drape

* Please check page 14-15 for details

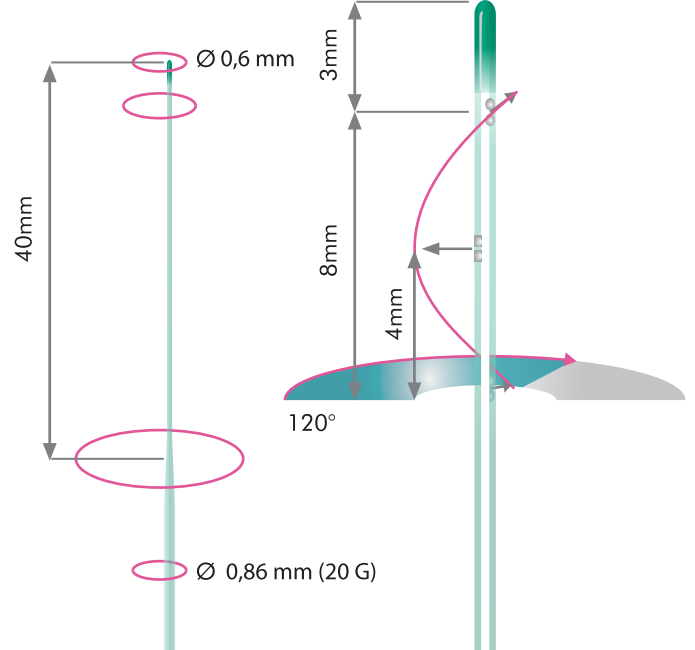
epidural catheter

EPIsoft® atraumatic catheter with soft tip



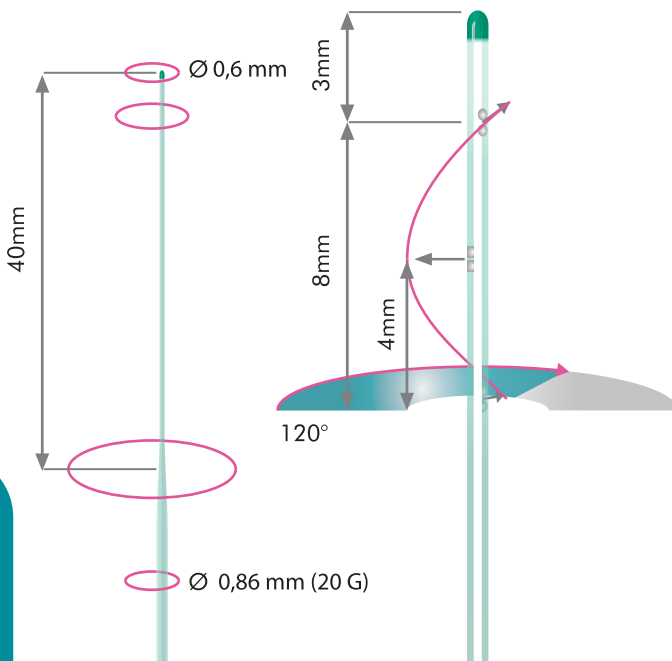
- Distance markings, radiopaque
- Special soft tip for preventing dura perforation
- 3 lateral holes

EPIuno^{soft} 6 atraumatic catheter with soft tip



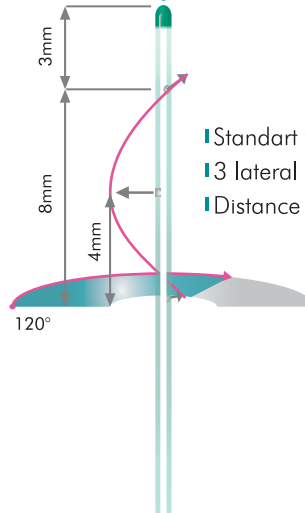
- Diameter is reduced over the distal 40mm.
- Special soft tip for preventing dura perforation.
- 3 pairs, total 6 lateral holes.
- Distance marking, radiopaque

EPIuno 6 atraumatic catheter



- Diameter is reduced over the distal 40mm
- 3 pairs, total 6 lateral holes
- Distance markings, radiopaque

EPIsafe standart catheter



- Standart tip preventing dura perforation.
- 3 lateral holes
- Distance markings, radiopaque

components

DESCRIPTION	reference
	EPIOR LOR 10 ml Loss of Resistance Syringe
	EPOYE EPIsafe Automatic LOR Syringe
	EPKTT3 EPIsafe Standard Catheter 20G with 3 Lateral Holes
	EPKTT3S EPIsoft Catheter with Soft Tip 20G and 3 Lateral Holes
	EPIUNO EPIuno 6 Atraumatic Catheter 20G with 6 Lateral Holes
	EPIUNOS EPIuno soft 6 Atraumatic Catheter with Soft Tip 20G and 6 Lateral Holes
	FLEX FLEXIFIX ® Catheter Fixing Device
	PROF PROFIX ® Filter Fixing Device
	EPYF 0,2 Micron Epidural Filter
	EPKNT Ergonomically Designed Tuohy Borst Adaptor in 31 mm. length
	EGKNT Ergonomically Designed Tuohy Borst Adaptor with Wings in 43,5 mm. length
	EGKNTK Ergonomically Designed Tuohy Borst Adaptor with Wings in 33 mm. length
	FAK1838TP Filtered Aspiration Cannula
	PENSETY Forceps
	KIH Guide needle
	SPNC Sponge
	EPYFK Luer cap
	EPKTTK Catheter guide

pediatric caudal anesthesia needles

CAUFIX[®]



- Needle tip is grinded using high technology procedure to obtain ideal angular shape for pediatric application
- 32° Crawford tip

SIZES	reference	product name	gauge	color	length mm	length inch
caudal	TKAU20	20 G Caudal needle	20G	yellow	50mm	2"
	TKAU22	22 G Caudal needle	22G	black	35mm	1 3/8"
	TKAU25	25 G Caudal needle	25G	orange	30mm	1 1/8"

SIZES	reference	product name	gauge	color	length mm	length inch
quincke 	TSPQ1875	18 G – 75 mm Spinal Needle Quincke Bevel	18G		75mm	3"
	TSPQ1890	18 G – 90 mm Spinal Needle Quincke Bevel	18G		90mm	3½"
	TSPQ1990	19 G – 90 mm Spinal Needle Quincke Bevel	19G		90mm	3½"
	TSPQ2075	20 G – 75 mm Spinal Needle Quincke Bevel	20G		75mm	3"
	TSPQ2090	20 G – 90 mm Spinal Needle Quincke Bevel	20G		90mm	3½"
	TSPQ2190	21 G – 90 mm Spinal Needle Quincke Bevel	21G		90mm	3½"
	TSPQ2240	22 G – 40 mm Spinal Needle Quincke Bevel	22G		40mm	1½"
	TSPQ2275	22 G – 75 mm Spinal Needle Quincke Bevel	22G		75mm	3"
	TSPQ2290	22 G – 90 mm Spinal Needle Quincke Bevel	22G		90mm	3½"
	TSPQ22120	22 G – 120 mm Spinal Needle Quincke Bevel	22G		120mm	4¾"
	TSPQ2390	23 G – 90 mm Spinal Needle Quincke Bevel	23G		90mm	3½"
	TSPQ2490	24 G – 90 mm Spinal Needle Quincke Bevel	24G		90mm	3½"
	TSPQ2575	25 G – 75 mm Spinal Needle Quincke Bevel	25G		75mm	3"
	TSPQ2590	25 G – 90 mm Spinal Needle Quincke Bevel	25G		90mm	3½"
	TSPQK2590	25 G – 90 mm Spinal Needle Quincke Bevel with Guide	25G		90mm	3½"
	TSPQK25103	25 G – 103 mm Spinal Needle Quincke Bevel with Guide	25G		103mm	4"
	TSPQK25120	25 G – 120 mm Spinal Needle Quincke Bevel with Guide	25G		120mm	4¾"
	TSPQ2690	26 G – 90 mm Spinal Needle Quincke Bevel	26G		90mm	3½"
	TSPQK2690	26 G – 90 mm Spinal Needle Quincke Bevel with Guide	26G		90mm	3½"
	TSPQK26103	26 G – 103 mm Spinal Needle Quincke Bevel with Guide	26G		103mm	4"
	TSPQK26120	26 G – 120 mm Spinal Needle Quincke Bevel with Guide	26G		120mm	4¾"
	TSPQ2790	27 G – 90 mm Spinal Needle Quincke Bevel	27G		90mm	3½"
	TSPQK2790	27 G – 90 mm Spinal Needle Quincke Bevel with Guide	27G		90mm	3½"
	TSPQK27103	27 G – 103 mm Spinal Needle Quincke Bevel with Guide	27G		103mm	4"
	TSPQK27120	27 G – 120 mm Spinal Needle Quincke Bevel with Guide	27G		120mm	4¾"
	TSPQ2990	29 G – 90 mm Spinal Needle Quincke Bevel	29G		90mm	3½"
	TSPQK2990	29 G – 90 mm Spinal Needle Quincke Bevel with Guide	29G		90mm	3½"
	TSPQK29120	29 G – 120 mm Spinal Needle Quincke Bevel with Guide	29G		120mm	4¾"

SIZES	reference	product name	gauge	color	length mm	length inch
pencil point 	TSP2290	22 G – 90 mm Spinal Needle Pencil Point	22G		90mm	3½"
	TSPPK2290	22 G – 90 mm Spinal Needle Pencil Point with Guide	22G		90mm	3½"
	TSP2390	23 G – 90 mm Spinal Needle Pencil Point	23G		90mm	3½"
	TSP2490	24 G – 90 mm Spinal Needle Pencil Point	24G		90mm	3½"
	TSP2590	25 G – 90 mm Spinal Needle Pencil Point	25G		90mm	3½"
	TSPPK2590	25 G – 90 mm Spinal Needle Pencil Point with Guide	25G		90mm	3½"
	TSPPK25103	25 G – 103 mm Spinal Needle Pencil Point with Guide	25G		103mm	4"
	TSPPK25120	25 G – 120 mm Spinal Needle Pencil Point with Guide	25G		120mm	4¾"
	TSP2690	26 G – 90 mm Spinal Needle Pencil Point	26G		90mm	3½"
	TSPPK2690	26 G – 90 mm Spinal Needle Pencil Point with Guide	26G		90mm	3½"
	TSPPK26103	26 G – 103 mm Spinal Needle Pencil Point with Guide	26G		103mm	4"
	TSP2790	27 G – 90 mm Spinal Needle Pencil Point	27G		90mm	3½"
	TSPPK2790	27 G – 90 mm Spinal Needle Pencil Point with Guide	27G		90mm	3½"
	TSPPK27103	27 G – 103 mm Spinal Needle Pencil Point with Guide	27G		103mm	4"
	TSPPK27120	27 G – 120 mm Spinal Needle Pencil Point with Guide	27G		120mm	4¾"
	TSP2990	29 G – 90 mm Spinal Needle Pencil Point	29G		90mm	3½"
	TSPPK2990	29 G – 90 mm Spinal Needle Pencil Point with Guide	29G		90mm	3½"

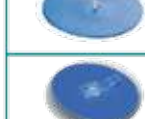
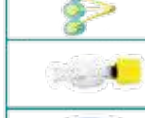
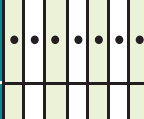
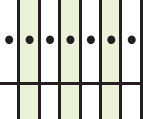
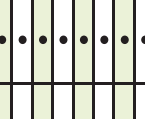
SIZES	reference	product name	gauge	color	length mm	length inch
atrau-com® 	TSPAK2590	25 G – 90 mm Atraucom Spinal Needle with Guide	25G		90mm	3½"
	TSPAK25100	25 G – 100 mm Atraucom Spinal Needle with Guide	25G		100mm	4"
	TSPA2650	26 G – 50 mm Atraucom Spinal Needle	26G		50mm	2"
	TSPAK2688	26 G – 88 mm Atraucom Spinal Needle with Guide	26G		88mm	3½"
	TSPAK26100	26 G – 100 mm Atraucom Spinal Needle with Guide	26G		100mm	4"

ORDER CHART	ORDER CODE	TUOHY Needle			EPISAFE Standard Catheter with 3 Lateral Holes	EPISOFT® Atraumatic Catheter with Soft Tip 20 G 3 Lateral Holes	EPIUNO® Atraumatic Catheter 20 G with 6 Lateral Holes	EPIUNOSOFT Atraumatic Catheter with Soft Tip 20 G 6 Lateral Holes	EPILOK® LOR SYRINGE 10cc	EPIJET® AUTOMATIC LOR SYRINGE 10 cc	EPIDURAL FILTER 0.2 µ	FLEXIFIX® CATHETER FIXING DEVICE	PROFIX® FILTER FIXING DEVICE	TUOHY BORST ADAPTOR
		16G-90mm	18G-80mm	18G-90mm										
EPIFIX 16 G	TEPI16903	•			•				•		•	•	•	•
	TEPI16903	•			•					•	•	•	•	•
	TSEPI16903					•					•	•	•	•
	TSEPI16906									•	•	•	•	•
	TEPI16906	•									•	•	•	•
	TSEPI16906									•	•	•	•	•
EPIFIX 18 G	TSEPI18903	•									•	•	•	•
	TSEPI18903										•	•	•	•
	TEPI18903										•	•	•	•
	TEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•
	TSEPI18906										•	•	•	•
	TEPI18906										•	•	•	•
	TEPI18906										•	•	•	•
	TEPI18906										•	•	•	•
	TSEPI18906										•	•	•	•
	TSEPI18906										•	•	•	•
EPIFIX MINI A	TEPI16903	•			•						•	•	•	•
	TSEPI16903										•	•	•	•
	TEPI16906	•									•	•	•	•
	TSEPI16906										•	•	•	•
	TEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•
EPIFIX MINI B	TEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•
	TEPI18906										•	•	•	•
	TSEPI18906										•	•	•	•
EPIFIX MINI C	TEPI16903	•			•						•	•	•	•
	TSEPI16903										•	•	•	•
	TEPI16906	•									•	•	•	•
	TSEPI16906										•	•	•	•
	TEPI18903										•	•	•	•
	TSEPI18903										•	•	•	•

COMBIFIX®

spinal epidural combined anesthesia sets

ORDER CHART	ORDER CODE	TUOHY Needle			PENCIL POINT SPINAL NEEDLE 27G	SPINAL NEEDLE QUINCKE BEVEL 27G	EPISAFE Standard Catheter with 3 Lateral Holes	EPISOFT * Atraumatic Catheter with Soft Tip 20 G 5 Lateral Holes	EPIUNO * Atraumatic Catheter 20 G with 6 lateral holes	EPIUNOSOFT Catheter with soft tip 20 G 6 lateral holes	EPILOLOR * SYRINGE 10cc	EPIJET * AUTOMATIC LOR SYRINGE 10 cc	EPIDURAL FILTER 0.2 µ	FLEXIFIX * CATHETER FIXING DEVICE	PROFIX * FILTER FIXING DEVICE	TUOHY BORST ADAPTOR	FILTERED ASPIRATION CANNULA
		16G-90mm	18G-90mm	18G-90mm Back Eye													
COMBIFIX 16G	TSW5163	•			•		•				•		•		•	•	•
	TSWX163	•			•		•				•		•		•	•	•
	TSW55163				•			•				•		•	•	•	•
	TSWX5163				•				•			•		•	•	•	•
	TSWXU166				•				•			•		•	•	•	•
	TSW5U166	•			•				•			•		•	•	•	•
	TSWXU166	•			•				•			•		•	•	•	•
	TSW5163Q				•		•					•		•	•	•	•
	TSWX163Q				•		•					•		•	•	•	•
	TSW55163Q				•			•				•		•	•	•	•
	TSWX5163Q				•			•				•		•	•	•	•
	TSWXU166Q				•				•			•		•	•	•	•
	TSW5U166Q	•			•				•			•		•	•	•	•
	TSWXU166Q	•			•				•			•		•	•	•	•
	TSW5183		•		•		•					•		•	•	•	•
	TSWX183		•		•		•					•		•	•	•	•
COMBIFIX 18G	TSW55183				•			•				•		•	•	•	•
	TSWX5186				•				•			•		•	•	•	•
	TSWXU186				•				•			•		•	•	•	•
	TSW5U186				•				•			•		•	•	•	•
	TSWXU186				•				•			•		•	•	•	•
	TSW5183Q				•				•			•		•	•	•	•
	TSWX183Q				•				•			•		•	•	•	•
	TSW55183Q				•				•			•		•	•	•	•
	TSWX5183Q				•				•			•		•	•	•	•
	TSW5U186Q				•				•			•		•	•	•	•
	TSWXU186Q				•				•			•		•	•	•	•
	TSW5U186Q				•				•			•		•	•	•	•
	TSWXU186Q				•				•			•		•	•	•	•
	TSW518D3		•		•		•					•		•	•	•	•
	TSWX18D3		•		•		•					•		•	•	•	•
	TSW5518D3Q				•				•			•		•	•	•	•
COMBIFIX 18G Back Eye Epidural needle	TSWX18D3Q				•				•			•		•	•	•	•
	TSW5518D3				•				•			•		•	•	•	•
	TSWX518D3				•				•			•		•	•	•	•
	TSW5U18D3Q				•				•			•		•	•	•	•
COMBIFIX Mini Set	TSWX518D3Q				•				•			•		•	•	•	•
	TSW5U18D3Q				•				•			•		•	•	•	•
	TSW5U16	•			•				•			•		•	•	•	•
	TSW5U18		•		•				•			•		•	•	•	•
	TSW5U18				•				•			•		•	•	•	•
	TSWXU18		•		•				•			•		•	•	•	•

		16G-90mm	18G-80mm	18G-90mm																				
ORDER CODE																								
PEPIS16903		•					•				•			•	•	•	•	•					•	•
PERIX16903												•			•	•	•	•					•	•
PSEPIS16903							•						•			•	•	•					•	•
PEPIX16903								•					•		•	•	•	•					•	•
PEPIXU16906									•			•		•		•	•	•					•	•
PSEPISU16906										•			•		•	•	•	•					•	•
PSEPIXU16906											•		•		•	•	•	•					•	•
PEPIS18903				•											•	•	•	•					•	•
PEPIX18903														•	•	•	•	•					•	•
PEPIX18903															•	•	•	•					•	•
PSEPIS18903														•	•	•	•	•					•	•
PSEPIX18903															•	•	•	•					•	•
PSEPIXU18906																•	•	•					•	•
PEPISU18906																	•	•					•	•
PEPIXU18906																		•					•	•
PEPIXU18906																			•				•	•
PSEPISU18906																				•			•	•
PSEPIXU18906																					•		•	•
PSEPIXU18906																						•	•	•
PSEPIXU18906																							•	•
PSEPIXU18906																							•	•
PSEPIXU18906																							•	•

ORDER CODE	TUOHY Needle				PENCIL POINT Spinal Needle 27G	QUINCKE BEVEL Spinal Needle 27G	EPISAFE * Standard Catheter 20G with 3 Lateral Holes	EPISOFT * Atraumatic Catheter with Soft Tip 20G With 3 Lateral Holes	EPIUNO Atraumatic Catheter 20G 6 Lateral Holes	EPIUNO SOFT Atraumatic Catheter with Soft Tip 20G 6 Lateral Holes	SYRINGE SLIP LOCK 2cc-5cc hypodermic Needle 18Gx38mm 22Gx38mm 25Gx38mm	EPIJET [®] AUTOMATIC LOB SYRINGE 10cc	EPILOR [®] LOR SYRINGE 10cc	FLEXIFIX [®] CATHETER FIXING DEVICE	PROFIX [®] FILTER FIXING DEVICE	TUOHY BORST ADAPTOR	SPONGE 3 pcs.	TRANSPARENT ADHESIVE SURGICAL DRAPE 70x80 cm.	SURGICAL TOWEL 75x75 cm.	FILTERED ASPIRATION CANNULA 18G x 38mm	MEDICAL GAUZE COMPRESS 7.5x7.5 cm. 5 pcs.	PLASTER 5cm x 50cm 10cm x 20cm
	16G-90mm	18G-80mm	18G-90mm	18G-90mm Back Eye																		
PSWS163	•				•		•				•		•		•		•		•	•	•	•
PSWX163	•				•		•				•		•		•		•		•	•	•	•
PSWS163	•				•			•			•		•		•		•		•	•	•	•
PSWS166	•				•			•	•		•		•		•		•		•	•	•	•
PSWS166	•				•				•		•		•		•		•		•	•	•	•
PSWX166	•				•				•		•		•		•		•		•	•	•	•
PSWS163Q	•				•		•				•		•		•		•		•	•	•	•
PSWX163Q	•				•		•				•		•		•		•		•	•	•	•
PSWS163Q	•				•		•				•		•		•		•		•	•	•	•
PSWS166Q	•				•				•		•		•		•		•		•	•	•	•
PSWX166Q	•				•				•		•		•		•		•		•	•	•	•
PSWS183			•	•	•						•		•		•		•		•	•	•	•
PSWX183			•	•	•						•		•		•		•		•	•	•	•
PSWS183					•			•			•		•		•		•		•	•	•	•
PSWS186					•				•		•		•		•		•		•	•	•	•
PSWX186					•				•		•		•		•		•		•	•	•	•
PSWS186					•						•		•		•		•		•	•	•	•
PSWX186					•						•		•		•		•		•	•	•	•
PSWS183Q						•					•		•		•		•		•	•	•	•
PSWX183Q						•					•		•		•		•		•	•	•	•
PSWS183Q						•		•			•		•		•		•		•	•	•	•
PSWS186Q						•					•		•		•		•		•	•	•	•
PSWX186Q						•					•		•		•		•		•	•	•	•
PSWS186Q						•					•		•		•		•		•	•	•	•
PSWX186Q						•					•		•		•		•		•	•	•	•
PSWS18D3				•	•		•				•		•		•		•		•	•	•	•
PSWX18D3				•	•		•				•		•		•		•		•	•	•	•
PSWS18D3Q				•	•		•				•		•		•		•		•	•	•	•
PSWX18D3Q				•	•		•				•		•		•		•		•	•	•	•
PSWS18D3Q				•	•		•				•		•		•		•		•	•	•	•
PSWX18D3Q				•	•		•				•		•		•		•		•	•	•	•

spinal anesthesia sets

ORDER CHART	ORDER CODE	  			Guide Needle	Filtered Aspiration Cannula	Syringe 5 ml.	Transparent Adhesive Surgical Drape 70x80 cm	Surgical Towel 75x75 cm	Medical Gauze Compress	Gauze Ball	Forceps
		QUINCKE SPINAL NEEDLE	PENCIL POINT SPINAL NEEDLE	ATRAU-COM® SPINAL NEEDLE								
SPINAL SETS WITH QUINCKE TIP SPINAL NEEDLE	PSPQ1875	•				•	•	•	•	•	•	•
	PSPQ1890	•				•	•	•	•	•	•	•
	PSPQ1990	•				•	•	•	•	•	•	•
	PSPQ2075	•				•	•	•	•	•	•	•
	PSPQ2090	•				•	•	•	•	•	•	•
	PSPQ2190	•				•	•	•	•	•	•	•
	PSPQ2240	•				•	•	•	•	•	•	•
	PSPQ2275	•				•	•	•	•	•	•	•
	PSPQ2290	•				•	•	•	•	•	•	•
	PSPQ22120	•				•	•	•	•	•	•	•
	PSPQ2390	•				•	•	•	•	•	•	•
	PSPQ2490	•				•	•	•	•	•	•	•
	PSPQ2575	•				•	•	•	•	•	•	•
	PSPQ2590	•				•	•	•	•	•	•	•
	PSPQK2590	•				•	•	•	•	•	•	•
	PSPQK25103	•				•	•	•	•	•	•	•
	PSPQK25120	•				•	•	•	•	•	•	•
	PSPQK2690	•				•	•	•	•	•	•	•
	PSPQK2690	•				•	•	•	•	•	•	•
	PSPQK26103	•				•	•	•	•	•	•	•
	PSPQK26120	•				•	•	•	•	•	•	•
SPINAL SETS WITH PENCIL POINT SPINAL NEEDLE	PSPQ2790	•				•	•	•	•	•	•	•
	PSPQK2790	•				•	•	•	•	•	•	•
	PSPQK27103	•				•	•	•	•	•	•	•
	PSPQK27120	•				•	•	•	•	•	•	•
	PSPQ2990	•				•	•	•	•	•	•	•
	PSPQK2990	•				•	•	•	•	•	•	•
	PSPQK29120	•				•	•	•	•	•	•	•
	PSP2290		•			•	•	•	•	•	•	•
	PSPPK2290		•			•	•	•	•	•	•	•
	PSP2390		•			•	•	•	•	•	•	•
	PSP2490		•			•	•	•	•	•	•	•
	PSP2590		•			•	•	•	•	•	•	•
	PSPPK2590		•			•	•	•	•	•	•	•
	PSPPK25103		•			•	•	•	•	•	•	•
	PSPPK25120		•			•	•	•	•	•	•	•
SPINAL SETS WITH ATRAU-COM® SPINAL NEEDLE	PSP2690		•			•	•	•	•	•	•	•
	PSPPK2690		•			•	•	•	•	•	•	•
	PSPK26103		•			•	•	•	•	•	•	•
	PSP2790		•			•	•	•	•	•	•	•
	PSPPK2790		•			•	•	•	•	•	•	•
	PSPPK2790		•			•	•	•	•	•	•	•
	PSPPK27130		•			•	•	•	•	•	•	•
	PSPPK27120		•			•	•	•	•	•	•	•
	PSP2990		•			•	•	•	•	•	•	•
	PSPPK2990		•			•	•	•	•	•	•	•

special procedure needles



bone core biopsy needle

BON-CORE®



- Stainless steel tubing with maximum strength and stiffness
- Perfect matching cannula and stylet
- Ergonomic handle
- Capture cannula
- Optional trap



* Medical gauze compress



* 10 ml luer lock syringe



* Adhesive surgical drape

sizes	reference / order code	gauge	length mm	length inch
	BC09100	9	100mm	4" In blister pack
	BC09150	9	150mm	6" In sterile pouch
	BC11100	11	100mm	4" In blister pack
	BC11150	11	150mm	6" In sterile pouch
	BC13100	13	100mm	4" In blister pack
	BC13150	13	150mm	6" In sterile pouch

* Optional

crista iliac, bone marrow aspiration needle

STILO-CAN®



Adjustable
Cannula
Length



- Perfect matching cannula and stylet
- Ergonomic handle
- Luer Lock



* Medical gauze compress



* 10 ml luer lock syringe



* Adhesive surgical drape

sizes	reference / order code	gauge	length mm	length inch
	SC1840	18	40 mm	1½" In blister pack
	SC1640	16	40 mm	1½" In blister pack
	SC1540	15	40 mm	1½" In blister pack
	SC1440	14	40 mm	1½" In blister pack

* Optional

semi-automatic guillotine type biopsy needle

AUTO-CUT®



- Enables 2cm sample collection
- Ergonomic design
- Locking control system

echogenic tip

sizes	reference / order code	gauge	length mm	length inch
	ACT14100	14	100 mm	4"
	ACT14150	14	150 mm	6"
	ACT14200	14	200 mm	7 7/8"
	ACT16100	16	100 mm	4"
	ACT16150	16	150 mm	6"
	ACT16200	16	200 mm	7 7/8"
	ACT18100	18	100 mm	4"
	ACT18150	18	150 mm	6"
	ACT18200	18	200 mm	7 7/8"
	ACT20100	20	100 mm	4"
	ACT20150	20	150 mm	6"
	ACT20200	20	200 mm	7 7/8"

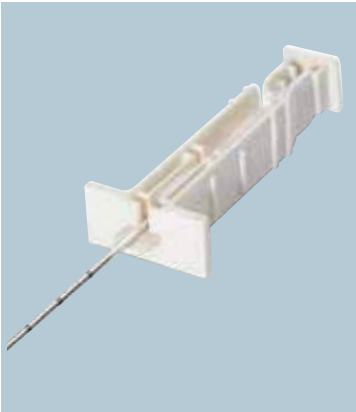
manuel guillotine type biopsy needle

FINE-CUT®



echogenic tip

- Enables 1 cm - 2cm sample collection
- Ergonomic design

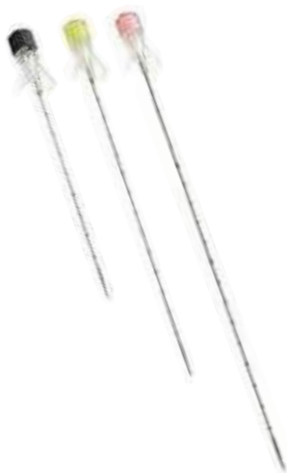
sizes	reference / order code	gauge	length mm	length inch
	FC14100	14	100mm	4"
	FC14150	14	150mm	6"
	FC14200	14	200mm	7 7/8"
	FC16100	16	100mm	4"
	FC16150	16	150mm	6"
	FC16200	16	200mm	7 7/8"
	FC18100	18	100mm	4"
	FC18150	18	150mm	6"
	FC18200	18	200mm	7 7/8"

biopsy aspiration needles

AMNIOCENTESIS -CHIBA



- Echogenic tip
- Quincke bevel
- Optional depth marker
- High performance steel

sizes	reference / order code	gauge	length mm	length inch
	CH18100	18	100mm	4"
	CH18150	18	150mm	6"
	CH18200	18	200mm	7 7/8"
	CH20100	20	100mm	4"
	CH20150	20	150mm	6"
	CH20200	20	200mm	7 7/8"
	CH21150	21	150mm	6"
	CH21200	21	200mm	7 7/8"
	CH22100	22	100mm	4"
	CH22150	22	150mm	6"
	CH22200	22	200mm	7 7/8"

seldinger/angiography needle



- Medical grade stainless steel
- Optimum tip structure for strength and sharpness
- Cristal clear hub
- Designed for utmost comfortable handling

sizes	reference	product name	gauge	length mm	length inch
	TSLD1870	18 G – 70 mm Seldinger (Angiography) Needle, without wings	18G	70mm	2¾"
	TSLD1870K	18 G – 70 mm Seldinger (Angiography) Needle, with wings	18G	70mm	2¾"
	TSLD2170	21 G – 70 mm Seldinger (Angiography) Needle, without wings	21G	70mm	2¾"
	TSLD2170K	21 G – 70 mm Seldinger (Angiography) Needle, with wings	21G	70mm	2¾"

ear aspiration/irrigation cannula



- Medical grade stainless steel
- Bended for comfortable application

 sizes	reference	order code	diameter	length mm	length inch
	EAC	EAC04	0,4 mm	70 mm	2¾"
	EAC	EAC07	0,7 mm	70 mm	2¾"
	EAC	EAC10	1,0 mm	70 mm	2¾"
	EAC	EAC14	1,4 mm	70 mm	2¾"
	EAC	EAC20	2,0 mm	70 mm	2¾"

hygiene



re-usable clean room mats

THREE STEP



area of usage

- Operating Theatre
- Intensive Care Units
- Class 100 / 10.000 / 100.000 Clean Rooms
- Electronics Industry "Electronic Chip, Sensitive Circuit, Integrated Circuit, Wireless Industry"
- Food Industry
- Medical Industry "Invasive Medical Device Manufacturing Fields"
- Dialysis Centers
- Nanotechnology Labs

specifications

Coefficient of Friction	:2,02 (ASTM C 1028) 4,05 TORTUS
Heavy Weights Resistance	:84,5 kg/cm ²
Heat Resistance	:0 - 50°C
Toxicity	:Non-Toxic
X-Rays / Gamma Rays	:No Effect
Anti-static Feature	:Eliminates static

features

- Three Step contamination preventive mats have high friction power.
- Surface is constantly sticky and can be cleaned with all kind of detergents.
- Stickiness is re-established on cleaned surface and this procedure can be repeated for 5 years.
- Even surface captures particles with electromagnetic traction; this procedure is known as the "VAN DER WAALS" theory. When smooth surface meets rough surface, it draws 98% - 100% of particles on rough surface (minimum 3 steps)
- Anti-static. Protects employees from damages of static electricity.
- Antibacterial. Prevents bacterial procreation and dissemination. Tested on (PSEUDONOMAS AERUGONASA and STAPHYLOCOCCUS AUREUS)
- Three Step Mats are supposed to be used at the entrance of clean rooms and operating theaters with the purpose to prevent the entrance of particles into these areas.
- Highly economic according to daily cost calculations.

cleanroom clogs

JASMINE®



Anatomic and orthopedic Jasmine clogs have been designed with feet comfort in mind. Smooth surface and aeration holes on both sides provide day long comfort. Special conical design prevents spilled fluids entering inside the clog.



interchangeable
logo

clogs with heel strap



suitable for autoclave sterilization / optional heel strap



washable / optional heel strap

specifications

Resistant to heat	: 134 °C
Specific Gravity	: 0,94
SHA Strength	: 65
Elasticity Under Pressure	: 44 kg/cm ²
Breaking Point Under Pressure	: 100 kg/cm ²
Max. Flexibility	: % 800
Strength Against Scratches	: 160 mm ³
Force At Tearing Point	: 610
Strength Against Wearing	: Excellent
Strength Against Ultraviolet Rays	: Excellent
Strength Against Heavy Acids	: Good
Strength Against Light Acids	: Excellent
Strength Against Bases	: Excellent
Strength Against Ethers	: Good
Strength Against Esters	: Good

sizes: 35-36 37-38 39-40 41-42 43-44 45-46



cleanroom clogs

UNITEM®



Anatomic design have been created to provide unique comfort. Additional holes provide better air ventilation.

technical specifications

Jasmine and Unitem clogs can be sterilized at 121°C and 134°C. They can also be cleaned in 100°C with any hospital type soap, domestic or industrial type detergent. Besides, they can be sterilized with liquid disinfecting solutions, EO or formaldehyde.

guarantee

2 years guarantee against manufacturing defects.

material

Non flammable, anti-static and anti-microbial special material



sizes: 36-37 38-39 40-41 42-43 44-45



intrauterine contraceptive device

TT380A®



- Intrauterine contraceptive device, produced according to CE and ISO 13485 standards.
- TT380A® is the most effective contraceptive method in use.
- Provides more than 99% protection
- TT380A® is very easy and secure to apply and to remove
- With this method of contraception, patient won't need frequent follow ups or motivation.
- Can be used by nursing mothers since it doesn't contain any hormones
- Provides contraception for up to 10 years starting from application
- This method is ideal for couples who want long term contraception and couple of years space between their children or for people who have completed their families.
- It is a reversible method. Patient can conceive again by removing the device.
- Conforms to World Population Council specification.
- Has 5 years shelf life
- Devices are manufactured by technically trained employees in a cleanroom environment.

LIFE CONTROL[®]

disposable mechanical ventilator

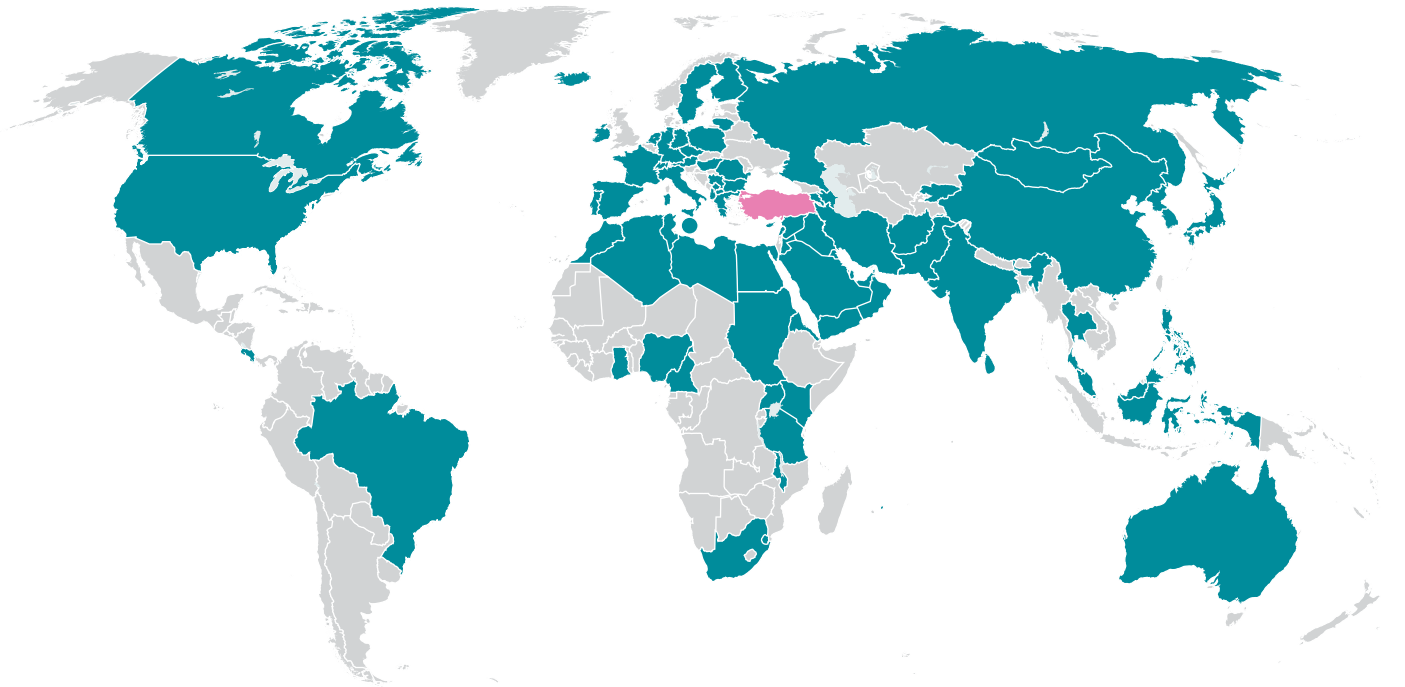
NEW
PRODUCT



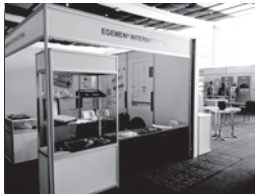
- Single use disposable ventilator.
- Receptive to spontaneous respiration
- Allows cardiac massage during ventilation.
- Works 1-1 or 1-2 coherent with patient.
- Safe to use in MR or similar monitoring devices and magnetic fields.
- Ventilation pressure can be monitored at last access to patient.
- Light weight and safe.
- Peep sensitive.

Egemen

around the world!



Cape Town



Sao Paulo



Ljubljana



Berlin



Cairo



İstanbul



Damascus



Dubai



İzmir

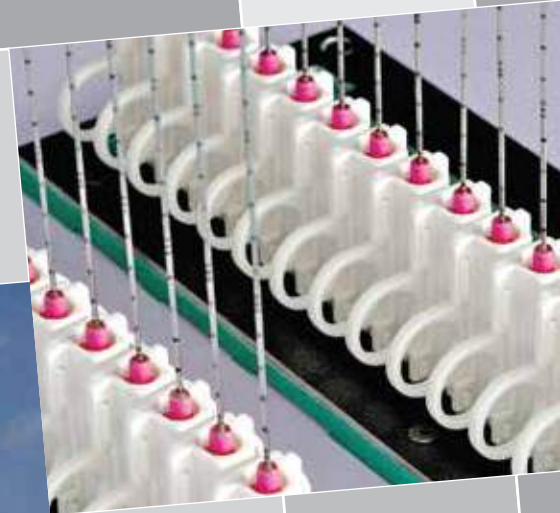


Düsseldorf





class 10.000
class 100.000
cleanroom standard





TMT TIBBİ MEDİKAL MALZEMELERİ SAN. VE TİC. LTD. ŞTİ
Fatih Mahallesi 1188 Sokak No: 14 Sarnıç - Gaziemir - İZMİR / TÜRKİYE

tel: +90 232 259 32 10 - faks: +90 232 277 47 15
www.egemen.com.tr - info@egemen.com.tr

Dubai Office

Ground Floor, Workstation No. -94' 'B' Block- Business Centre, Techno Park,
Sheikh Mohamed Bin Zayed Road, Jebel Ali Free Zone (JAFZA)
Dubai, United Arab Emirates.

For International Calls: +971 50 5644263

For Domestic Calls: +971 (0)50 5644263

www.egemen.com.tr - dubai@egemen.com.tr



Southeast Anatolia and Eastern
Anatolia Regional Manager
+90 530 928 47 42

Central Anatolia and Mediterranean
Regional Manager
+90 530 290 74 29

Marmara and Black Sea
Regional Manager
+90 530 548 25 09

