

Алматы (727)345-47-04

Ангарск (3955)60-70-56

Архангельск (8182)63-90-72

Астрахань (8512)99-46-04

Барнаул (3852)73-04-60

Белгород (4722)40-23-64

Благовещенск (4162)22-76-07

Брянск (4832)59-03-52

Владивосток (423)249-28-31

Владикавказ (8672)28-90-48

Владимир (4922)49-43-18

Волгоград (844)278-03-48

Вологда (8172)26-41-59

Воронеж (473)204-51-73

Екатеринбург (343)384-55-89

Иваново (4932)77-34-06

Ижевск (3412)26-03-58

Иркутск (395)279-98-46

Казань (843)206-01-48

Калининград (4012)72-03-81

Калуга (4842)92-23-67

Кемерово (3842)65-04-62

Киров (8332)68-02-04

Коломна (4966)23-41-49

Кострома (4942)77-07-48

Краснодар (861)203-40-90

Красноярск (391)204-63-61

Курск (4712)77-13-04

Курган (3522)50-90-47

Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13

Москва (495)268-04-70

Мурманск (8152)59-64-93

Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12

Новокузнецк (3843)20-46-81

Ноябрьск (3496)41-32-12

Новосибирск (383)227-86-73

Омск (3812)21-46-40

Орел (4862)44-53-42

Оренбург (3532)37-68-04

Пенза (8412)22-31-16

Петрозаводск (8142)55-98-37

Псков (8112)59-10-37

Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15

Рязань (4912)46-61-64

Самара (846)206-03-16

Санкт-Петербург (812)309-46-40

Саранск (8342)22-96-24

Саратов (845)249-38-78

Севастополь (8692)22-31-93

Симферополь (3652)67-13-56

Смоленск (4812)29-41-54

Сочи (862)225-72-31

Ставрополь (8652)20-65-13

Сургут (3462)77-98-35

Сыктывкар (8212)25-95-17

Тамбов (4752)50-40-97

Тверь (4822)63-31-35

Узбекистан +998(71)205-18-59

Тольятти (8482)63-91-07

Томск (3822)98-41-53

Тула (4872)33-79-87

Тюмень (3452)66-21-18

Улан-Удэ (3012)59-97-51

Ульяновск (8422)24-23-59

Уфа (347)229-48-12

Хабаровск (4212)92-98-04

Чебоксары (8352)28-53-07

Челябинск (351)202-03-61

Череповец (8202)49-02-64

Чита (3022)38-34-83

Якутск (4112)23-90-97

Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

<https://bection.nt-rt.ru> || bog@nt-rt.ru

The goal is simple: the best possible outcome

BD regional anesthesia—products you can trust, from a partner you can rely on



A lot goes into an anesthesia procedure

Every patient is unique, requiring the approach that's right for them—and the right tools for the procedure. Ultimately, successful anesthesia outcomes depend upon the skill and experience of the anesthesiologist. But we're proud that so many of them trust BD products to help them manage their patients' pain to achieve better outcomes.



100 years

Of creating innovative, reliable, high-quality regional anesthesia products



A robust portfolio

Available in multiple configurations of needles, kits, sets and trays



The BD standard

Precision engineering and high quality for BD needles and syringes in every tray



Regional is recommended

Several studies **recommend regional anesthesia techniques over general anesthesia** when patient appropriate.



Superior pain relief and improvement in post-operative pain^{*13}



Leading to earlier, post-surgery ambulation^{*12,4}



Fewer in-hospital complications^{*5}



Shorter length of stay^{*6}

Spinal anesthesia

All of spinal anesthesia from one supplier—BD offers the BD® Whitacre and BD® Quincke Spinal Needles anesthesiologists want for their quality and performance, plus additional components they need to conduct the procedure. Our spinal anesthesia trays are available in both standard and custom so anesthesiologists can choose components that cater to their specific needs.



PDPH is “the most common serious complication”

Postdural puncture headache (PDPH) is the most common serious complication resulting from spinal and epidural anesthesia and lumbar punctures.⁷ PDPH is generally thought to be the result of decreased cerebrospinal fluid (CSF) pressure due to CSF leakage through the dura puncture hole.^{7,8} The size and type of spinal needles are two of the most important factors for decreasing the risk of PDPH.⁷



BD® Whitacre Pencil-Point Spinal Needle



BD® Quincke Cutting Tip Spinal Needle

Studies show that pencil-point needles result in a five-fold reduction in CSF loss and PDPH when compared to a cutting needle. The difference is significant. Similarly, using a narrow gauge 25 G needle results in a six-fold reduction in CSF loss and PDPH compared to a 22 G needle.⁷ Using pencil-point needles has also been shown to reduce post-lumbar puncture headache (PLPH) in lumbar puncture and myelogram patients.⁹

BD® Spinal Needles

BD® Whitacre and BD® Quincke Spinal Needles are selected by clinicians around the world. Their hubs are designed to enable anesthesiologists to **visualize CSF for proper needle placement**, and the **manufacturing quality, reliability and consistency** of BD products can give them **peace of mind**.



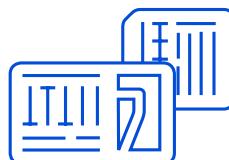
Proven experience

With the BD® Whitacre Spinal Needle supported by over 25 peer-reviewed publications



Enhanced precision

With BD® Spinal Needles' hubs designed to enable visualization of CSF, aiding proper needle placement



From a trusted partner

With a range of products and configurations to meet anesthesia needs throughout your facility

BD® Spinal Needles

BD® Whitacre Spinal Needles

Supported by over 25 peer-reviewed publications, the BD® Whitacre Spinal Needle is the pioneer of pencil-point spinal needles—designed to deliver enhanced performance, increased reliability¹⁰ and support for anesthesiologists in conducting successful spinal anesthesia procedures.

 **Distinct tactile "click" or "pop"** as the pencil point penetrates the dura, alerting the clinician of proper placement

 Designed to provide **rapid CSF detection^{11,12}** and **reduced CSF loss¹³**

 Associated with significantly **lower incidence of blood patch rate** post-lumbar puncture¹⁴

 Blunt, pencil-point tip is designed to spread tissue without cutting the tissue, potentially **lowering the risk of PDPH¹⁵**

Available in 8 sizes from 3 ½ in. to 5 in. and in gauges from 22 G to 27 G. Some BD® Whitacre Spinal Needles have thin walls, designed to maximize flow through needles of the same gauge.



Rollover points to see features.



BD® Spinal Needles

BD® Quincke Spinal Needles

BD® Quincke Spinal Needles have a unique key/slot arrangement of stylet and cannula hubs that facilitates proper needle bevel orientation.

 Lesions with BD® Quincke Spinal Needles are shown to result in a clean cut opening in the dura

 Hub provides visualization of cerebrospinal fluid (CSF)

 Wide range of needle configurations to meet varied clinical needs

Available in 22 sizes with lengths ranging from 1 in. to 7 in. and gauges ranging from 18 G to 27 G.



Rollover points to see features.

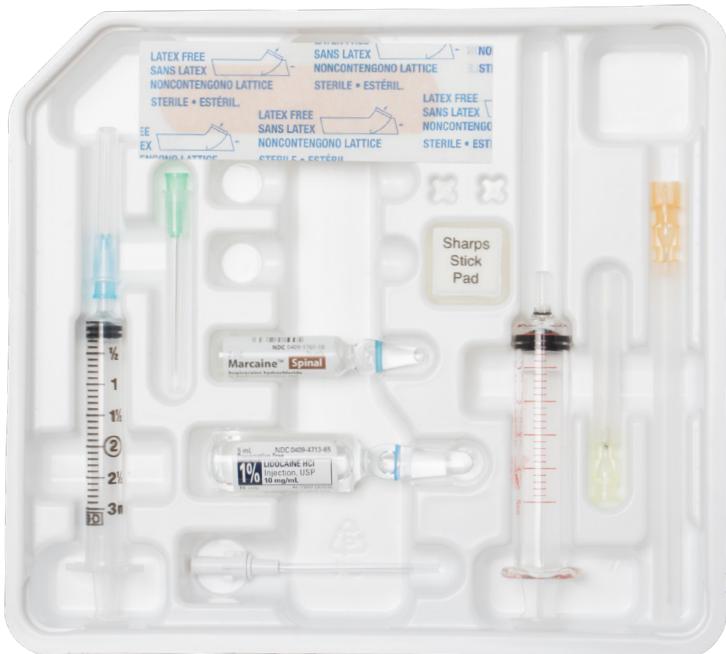


BD® Spinal Needles

BD® Spinal Anesthesia Trays

The pioneer in spinal needles, now with the quality and convenience of a BD® Spinal Anesthesia Tray

BD® Spinal Anesthesia Trays are designed for successful blocks—from preparation and placement to delivery. Available in standard, drugless and safety configurations, BD® Spinal Anesthesia Trays provide trusted needles, syringes and safe medication preparation all in one solution.



Rollover numbers to highlight in the tray.

Epidural anesthesia

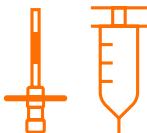
A full epidural solution that helps you perform the procedure, from start to finish

The BD portfolio for epidural anesthesia—needles, syringes, infusion pumps, sets, accessories and trays—contains everything anesthesiologists need to **perform an epidural block**. Our high-quality products are designed with features that **enhance procedural control**.



Long-lasting pain management

With SPIROL® Catheters designed to reduce the risk of kinking, helping enhance patient comfort¹⁶



Facilitates clinical control

With ergonomic grips on BD Perisafe™ Weiss Epidural Needles and enhanced tactile precision on BD Epilor™ Glass Loss-of-Resistance (LOR) Syringes



From a trusted partner

With a range of products and configurations to meet anesthesia needs throughout your facility

BD® Epidural Needles

BD® Tuohy Epidural Needles

BD® Tuohy Epidural Needles feature a long, curved bevel with distal tip designed to safely enter the epidural space and facilitate catheter introduction, while a smooth proximal bevel helps reduce the risk of cutting a receding catheter.¹⁵



Both the BD® Weiss and the BD® Tuohy Epidural Needles have **calibrated needle-depth markings** to illustrate depth. So whether anesthesiologists are looking for tactile feedback or penetration characteristics, BD has a range of epidural needles to provide the control that meets their needs.



Rollover points to see features.



BD® Epidural Needles

BD® Weiss Epidural Needles

The fixed wings of the BD® Weiss Epidural Needle provide an ergonomic grip for anesthesiologists, helping them to easily guide the needle inside the spine of a patient.



Both the BD® Weiss and the BD® Tuohy Epidural Needles have **calibrated needle-depth markings** to illustrate depth. So whether anesthesiologists are looking for tactile feedback or penetration characteristics, BD has a range of epidural needles to provide the control that meets their needs.



Rollover points to see features.



BD® Epidural Needles

BD® Epidural Anesthesia Trays

Available in standard, specialty and drugless configurations for both single-shot and continuous epidural anesthesia, the BD portfolio of epidural trays contains needles, LOR syringes, accessories and everything anesthesiologists need to perform an epidural procedure.



Rollover numbers to highlight in the tray.

BD® Epidural Needles

BD® Epidural Components



BD® Epidural Catheters

The SPIROL® Catheter has the perfect balance of strength and flexibility for reliably delivering medication where it is most needed. From the soft flexible tip to the firm, kink-resistant body, the SPIROL® Catheter is designed to deliver a new measure of fault-free performance.¹⁶ BD Perisafe™ Nylon Catheters are available in both closed-end (CE) and open-end (OE) multi-port tip configurations.



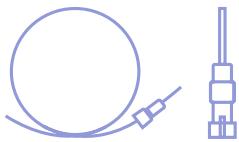
BD® Loss-of-Resistance (LOR) Syringes

BD Epilor™ LOR Syringes facilitate the “loss of resistance” technique for identifying the epidural space by reducing subjectivity when locating this space and the potential for complications when administering epidural anesthesia to patients. BD also offers BD Luer-Lok™ and luer slip LOR syringes.

Combined spinal and epidural (CSE) anesthesia

It's the best of both worlds, in one convenient solution

BD offers the BD® Whitacre Spinal Needle and the BD® Weiss Epidural Needle, plus all the other components anesthesiologists need to perform CSE procedures. BD has a **robust CSE portfolio** with a variety of **matching CSE needle sets, catheters and LOR syringes.**



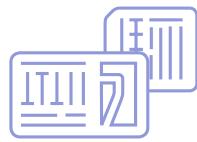
Enhanced experience

With SPIROL® Catheters designed to resist kinking,¹⁶ and the BD® Whitacre Spinal Needle supported by over 25 peer-reviewed publications



Greater convenience

With a matched CSE set, containing the BD® Whitacre Spinal Needle



From a trusted partner

With a range of products and configurations to meet anesthesia needs throughout your facility

Combined spinal and epidural (CSE) anesthesia

BD® CSE Trays

Available in standard, drugless, specialty and safety configurations, BD® CSE Trays deliver four benefits in one place.



Rollover numbers to highlight in the tray.

Combined spinal and epidural (CSE) anesthesia

BD® CSE Sets

BD offers kits and sets designed specifically for CSE procedures. They contain the world-class BD® Whitacre Spinal Needle with a hub designed to fit with the BD® Weiss Epidural Needle. The fixed wings of the BD® Weiss Epidural Needle provide an ergonomic grip for anesthesiologists, helping enable control during insertions.



BD® Spinal Needles

BD® Whitacre Spinal Needles

Order no.	Description	Order no.	Description
405010	■ 22 G x 3 1/2 in. (89 mm)	405140	■ 25 G x 5 in. (127 mm), TW
405133	■ 24 G x 3 1/2 in. (89 mm), TW	405079	■ 27 G x 3 1/2 in. (89 mm), TW
405138	■ 25 G x 3 1/2 in. (89 mm), TW	409443	■ 27 G x 4 1/16 in. (119 mm), TW
409442	■ 25 G x 4 1/16 in. (119 mm)	405144	■ 27 G x 5 in. (127 mm), TW

BD® Quincke Spinal Needles

Order no.	Description	Order no.	Description
405174	■ 18 G x 3 in. (76 mm)	405181	■ 22 G x 3 1/2 in. (89 mm)
405184	■ 18 G x 3 1/2 in. (89 mm)	405148	■ 22 G x 5 in. (127 mm)
408360	■ 18 G x 6 in. (152 mm)	405149	■ 22 G x 7 in. (178 mm)
405162	■ 20 G x 1 1/2 in. (38 mm)	400106	■ 23 G x 3 1/2 in. (89 mm)
405071	■ 20 G x 2 1/2 in. (64 mm)	405073	■ 25 G x 1 in. (25 mm) Neonatal
405172	■ 20 G x 3 in. (76 mm)	405078	■ 25 G x 2 in. (51 mm)
405182	■ 20 G x 3 1/2 in. (89 mm)	405170	■ 25 G x 3 in. (76 mm)
405211	■ 20 G x 6 in. (152 mm)	405180	■ 25 G x 3 1/2 in. (89 mm)
405161	■ 22 G x 1 1/2 in. (38 mm)	405234	■ 25 G x 4 1/16 in. (119 mm)
405074	■ 22 G x 2 1/2 in. (64 mm)	405164	■ 26 G x 3 1/2 in. (89 mm)
405171	■ 22 G x 3 in. (76 mm)	405081	■ 27 G x 3 1/2 in. (89 mm)

Introducer needles

Order no.	Description
405160	■ 20 G x 1 1/4 in. (32 mm)

405160 - For use with 25 G and 27 G needle or smaller.

BD needle gauge color chart as per ISO 6009 standards

16 G 17 G 18 G 20 G 21 G 22 G 23 G 24 G 25 G 26 G 27 G

BD® Spinal Anesthesia Trays

BD® Epidural Single-shot Trays

BD® Epidural Continuous Trays

	Trays	400835	400840	400844	400846	406048	406123	406050	400835	400840	400847	406015	406034	406035	406047	406048	406049	406050	406151	406153
Procedure																				
Weiss Epidural Needles (fixed wings)																				
17 G x 3 1/2 in. BD Perisafe® Weiss Epidural Needle																				
17 G x 3 1/2 in. BD Perisafe® Weiss Epidural Needle (removable wings)																				
18 G x 1 1/2 in. needle																				
Tuohy Epidural Needles																				
17 G x 3 1/2 in. BD Perisafe® Tuohy Epidural Needle																				
Medication delivery syringes																				
Plastic syringes																				
20 mL BD Luer-Lok® Syringe																				
20 mL luer slip tip syringe																				
LOR syringes																				
5 mL BD Epilor® LOR Glass Luer Slip, metal-tip syringe																				
5 mL BD Epilor® LOR Glass Luer Slip, glass-tip syringe																				
5 mL BD Epilor® LOR Glass BD Luer-Lok®, metal-tip syringe																				
Epilor® Plastic LOR Syringe																				
7 mL BD Epilor® LOR Plastic Luer Slip Tip Syringe																				
Nylon catheters																				
19 G BD Perisafe® Nylon Catheter, CE																				
20 G BD Perisafe® Nylon Catheter, CE																				
Spring-reinforced catheters																				
19 G Spirif® Spring-reinforced Catheter, CE																				
Flat filter (0.2 micron filter)																				
BD Perisafe® Epidural Catheter Connector																				
Cap BD Luer-Lok male																				
Cap BD Luer-Lok female																				
Catheter support pad																				
Drugs																				
Lidocaine HCl (1%), 5 mL																				
Lidocaine HCl (1.5%) with Epi (1:200,000), 5 mL																				
Sodium chloride (0.9%), 10 mL																				
Medication preparation																				
Filter needles																				
18 G x 1 1/2 in. needle																				
18 G x 1 1/2 in. blunt filter needle (5 micron)																				
4 in. filter straw (5 micron filter)																				
Syringe label																				
Hypodermic injection																				
Needles																				
22 G x 1 1/2 in. needle																				
25 G x 1 in. needle																				
25 G x 1 1/2 in. needle																				
27 G x 1 1/2 in. needle																				
Syringes																				
3 mL BD Luer-Lok® Syringe																				
3 mL luer slip syringe																				
Skin preparation																				
Povidone-Iodine topical solution, ½ oz.																				
Prep sponge-sticks																				
Clear plastic fenestrated drape (4 in. round, 32 x 24 in.)																				
Blue paper fenestrated drape (4 in. round, 30 x 26 in.)																				
Paper non-fenestrated drape																				
Procedure accessories																				
Paper towel																				
Gauze																				
Sharps safety																				

BD® Weiss Epidural Needles	

<tbl_r cells="2" ix="

BD® CSE Trays

Procedure	Trays					
	405811	405812	Safety 405814	Douglas 405823	405827	405828
Spinal needles						
25 G x 4 1/4 in. BD® Whitacre Spinal Needle	•	•	•	•	•	•
27 G x 4 1/4 in. BD® Whitacre Spinal Needle	•	•	•	•	•	•
Epidural needles						
17 G x 3 1/2 in. BD Perisafe® Weiss Epidural Needle (fixed wings)	•	•	•	•	•	•
18 G x 3 1/2 in. BD Perisafe® Weiss Epidural Needle (fixed wings)	•	•	•	•	•	•
Plastic syringes						
1 mL luer slip tip syringe	•	•				•
5 mL luer slip tip syringe				•		
10 mL luer slip tip syringe		•	•	•	•	
20 mL BD Luer-Lok® Syringe	•	•	•	•	•	•
Glass syringes						
5 mL BD Claspak® Luer Slip Tip Syringe	•	•	•	•	•	•
Glass LOR syringes						
5 mL BD EpiLor® LOR Glass BD Luer-Lok®, metal-tip syringe	•	•			•	•
5 mL BD EpiLor® LOR Glass Luer Slip, glass-tip syringe			•			•
10 mL BD EpiLor® LOR Glass Luer Slip, glass-tip syringe				•		
Plastic LOR syringes						
7 mL BD EpiLor® LOR Plastic Luer Slip Tip Syringe			•			
7 mL BD EpiLor® LOR Plastic BD Luer-Lok® Syringe				•		
Nylon catheters						
20 G BD Perisafe® Nylon Catheter, CE	•	•	•	•		
Spring reinforced catheters						
19 G SpiroF® Spring-reinforced Catheter, CE					•	•
Flat filter (0.2 micron filter)	•	•			•	•
BD Perisafe® Epidural Catheter Connector			•			•
Cap BD® Luer-Lok® female with luer cap	•	•	•	•	•	•
Cap BD® Luer-Lok® male with luer cap	•	•	•	•	•	•
Catheter support pads		•	•	•	•	•
Drugs						
Lidocaine HCL (1%). 5 mL	•	•	•	•	•	•
Lidocaine HCL (1.5%) with Epi (1:200,000), 5 mL	•	•	•	•	•	•
Sodium chloride (0.9%), 10 mL	•	•	•	•	•	•
Medication preparation						
18 G x 1 1/2 in. blunt filter needle (5 micron filter)	•	•	•	•	•	•
18 G x 1 1/2 in. needle, short, bevel		•	•	•	•	•
1 1/4 in. filter straw (5 micron filter)			•	•		•
Syringe label	•	•	•	•	•	•
Skin preparation						
Povidone-iodine topical solution, 1/2 oz.	•	•	•	•	•	•
Prep sponge-sticks		•	•	•	•	•
Clear plastic fenestrated drape (4 in. round, 32 x 24 in.)	•	•	•	•	•	•
Hypodermic injection						
Needles						
22 G x 1 1/2 in. needle	•	•		•	•	•
25 G x 1 in. needle	•	•			•	
25 G x 1 1/2 in. needle				•		
27 G x 1 1/4 in. needle		•				
22 G x 1 1/2 in. BD SafetyGlide® Hypodermic Needle			•			
25 G x 1 in. BD SafetyGlide® Hypodermic Needle			•			
Syringes						
3 mL BD Luer-Lok® Syringe	•	•	•	•	•	•
3 mL luer slip tip syringe		•			•	
Procedure accessories						
Gauze	Gauze pads	•	•	•	•	•
Paper towel	Paper towel	•	•	•	•	•
Sharps safety	Sharps stick pad	•	•	•	•	•
	Point-Lok® Sharps Safety Device		•			

BD® CSE Sets

Procedure	Sets		
	405839	405842	405843
Spinal needles	BD® Whitacre Spinal Needles		
25 G x 4 1 1/4 in. BD® Whitacre Spinal Needle	•		
27 G x 4 1 1/4 in. BD® Whitacre Spinal Needle	•	•	
Epidural needles	BD® Weiss Epidural Needles (fixed wings)		
17 G x 3 1/2 in. BD Perisafe™ Weiss Epidural Needle	•	•	
18 G x 3 1/2 in. BD Perisafe™ Weiss Epidural Needle	•		

Алматы (727)345-47-04
 Ангарск (3955)60-70-56
 Архангельск (8182)63-90-72
 Астрахань (8512)99-46-04
 Барнаул (3852)73-04-60
 Белгород (4722)40-23-64
 Благовещенск (4162)22-76-07
 Брянск (4832)59-03-52
 Владивосток (423)249-28-31
 Владикавказ (8672)28-90-48
 Владимир (4922)49-43-18
 Волгоград (844)278-03-48
 Вологда (8172)26-41-59
 Воронеж (473)204-51-73
 Екатеринбург (343)384-55-89

Россия +7(495)268-04-70

Иваново (4932)77-34-06
 Ижевск (3412)26-03-58
 Иркутск (395)279-98-46
 Казань (843)206-01-48
 Калининград (4012)72-03-81
 Калуга (4842)92-23-67
 Кемерово (3842)65-04-62
 Киров (8332)68-02-04
 Коломна (4966)23-41-49
 Кострома (4942)77-07-48
 Краснодар (861)203-40-90
 Красноярск (391)204-63-61
 Курск (4712)77-13-04
 Курган (3522)50-90-47
 Липецк (4742)52-20-81

Казахстан +7(727)345-47-04

Магнитогорск (3519)55-03-13
 Москва (495)268-04-70
 Мурманск (8152)59-64-93
 Набережные Челны (8552)20-53-41
 Нижний Новгород (831)429-08-12
 Новокузнецк (3843)20-46-81
 Ноябрьск (3496)41-32-12
 Новосибирск (383)227-86-73
 Омск (3812)21-46-40
 Орел (4862)44-53-42
 Оренбург (3532)37-68-04
 Пенза (8412)22-31-16
 Петрозаводск (8142)55-98-37
 Псков (812)59-10-37
 Пермь (342)205-81-47

Беларусь +(375)257-127-884

Ростов-на-Дону (863)308-18-15
 Рязань (4912)46-61-64
 Самара (846)206-03-16
 Санкт-Петербург (812)309-46-40
 Саранск (8342)22-96-24
 Саратов (845)249-38-78
 Севастополь (8692)22-31-93
 Симферополь (3652)67-13-56
 Смоленск (4812)29-41-54
 Соchi (862)225-72-31
 Ставрополь (8652)20-65-13
 Сургут (3462)77-98-35
 Сыктывкар (8212)25-95-17
 Тамбов (4752)50-40-97
 Тверь (4822)63-31-35

Узбекистан +998(71)205-18-59

Тольятти (8482)63-91-07
 Томск (3822)98-41-53
 Тула (4872)33-79-87
 Тюмень (3452)66-21-18
 Улан-Удэ (3012)59-97-51
 Ульяновск (8422)24-23-59
 Уфа (347)229-48-12
 Хабаровск (4212)92-98-04
 Чебоксары (8352)28-53-07
 Челябинск (351)202-03-61
 Череповец (8202)49-02-64
 Чита (3022)38-34-83
 Якутск (4112)23-90-97
 Ярославль (4852)69-52-93

Киргизия +996(312)96-26-47