[illegible]

[illegible]

1. [illegible] Neuron, [illegible].
2. [illegible] Neuron [illegible], [illegible].
3. [illegible] Neuron [illegible].
4. [illegible] Neuron [illegible], [illegible].
5. [illegible] ([illegible]) [illegible].
6. [illegible] Neuron [illegible].
7. [illegible] Neuron. [illegible]
8. [illegible] Neuron ([illegible]) [illegible] Neuron, [illegible] Neuron, [illegible] Neuron.
9. [illegible] Neuron [illegible] 0,038 [illegible] [0,97 [illegible]], [illegible] Neuron [illegible] Neuron.
10. [illegible] 6F [illegible], [illegible].
11. [illegible] Neuron [illegible] Neuron [illegible] 0,038 [illegible] [0,97 [illegible]] [illegible] Neuron [illegible] Neuron.
12. [illegible], [illegible] 0,018 [illegible] [0,46 [illegible]] [illegible] Neuron.
13. [illegible] Neuron, [illegible] Neuron [illegible] 0,038 [illegible] [0,97 [illegible]].
14. [illegible] Neuron [illegible] 0,038 [illegible] [0,97 [illegible]], [illegible] Neuron [illegible].
15. [illegible] Neuron [illegible] 0,038 [illegible] [0,97 [illegible]] [illegible]
16. [illegible] Neuron [illegible].

[illegible]

[illegible] Neuron [illegible] Neuron [illegible] Neuron [illegible].

[illegible] Neuron [illegible].

[illegible]

[illegible] Neuron [illegible]

[illegible]

[illegible].

[illegible]

	[illegible]! [illegible]
Rx Only	[illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible] [illegible]: Penumbra ([illegible])/

[illegible] Neuron[illegible]

		[illegible]
	[redacted]	[illegible]
	STERILE EO	[illegible]
	[redacted]	[illegible]
[redacted] [illegible]	[redacted]	[illegible]
[redacted] [illegible]	[redacted]	[illegible]
[redacted] [illegible]	[redacted]	[illegible]
[redacted] [illegible]	[redacted]	[illegible]

[illegible]

[illegible] Penumbra Inc. ([illegible]) (Penumbra ([illegible])) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible]

[illegible] Penumbra ([illegible])/ [illegible] Benchmark[illegible]

[illegible]

[illegible] Benchmark[illegible] [illegible] Benchmark[illegible] [illegible] Penumbra. [illegible] Benchmark [illegible] 0,038 [illegible] [0,97 [illegible] Penumbra, [illegible]

[illegible] Benchmark:

[illegible] Benchmark [illegible] Benchmark [illegible] Benchmark [illegible] 6F [illegible]

[illegible] Penumbra:

[illegible] Penumbra [illegible] Penumbra [illegible] (Simmons, H1 [illegible] BER). [illegible] Penumbra [illegible] Penumbra [illegible] Benchmark.

[illegible]

[illegible] Benchmark [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Benchmark [illegible]

[illegible]

- [illegible]
- [illegible]
- [illegible]
- [illegible] Benchmark [illegible]
- [illegible] Benchmark [illegible]
- [illegible]
- [illegible]

[illegible]

[illegible]

- [illegible]
- [illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible]

1. [illegible] Benchmark, [illegible].
2. [illegible] Penumbra [illegible], [illegible].
3. [illegible] Benchmark [illegible]
4. [illegible] Benchmark [illegible], [illegible].
5. [illegible] Benchmark [illegible]. [illegible] Benchmark.
6. [illegible] Benchmark. [illegible]
7. [illegible] Penumbra ([illegible]) [illegible] Benchmark, [illegible] Benchmark, [illegible] Benchmark.
8. [illegible] Penumbra [illegible] 0,038 [illegible] [0,97 [illegible]], [illegible] Benchmark [illegible] Benchmark.
9. [illegible] 6F [illegible], [illegible].
10. [illegible] Benchmark [illegible] Penumbra [illegible] 0,038 [illegible] [0,97 [illegible]] [illegible] Penumbra [illegible] Benchmark.
11. [illegible] Benchmark, [illegible] Penumbra [illegible] 0,038 [illegible] [0,97 [illegible]].
12. [illegible] Penumbra [illegible] 0,038 [illegible] [0,97 [illegible]], [illegible] Benchmark [illegible].
13. [illegible] Penumbra [illegible] 0,038 [illegible] [0,97 [illegible]] [illegible]
14. [illegible] Benchmark [illegible].

[illegible]

[illegible] Benchmark [illegible], [illegible] Benchmark [illegible].

[illegible] Benchmark [illegible].

[illegible]

[illegible] Benchmark [illegible]

[illegible]

[illegible].

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible] /[illegible]: Penumbra ([illegible])/ [illegible] Benchmark[illegible]

[illegible]

		[illegible]	
Rx Only		[illegible]	
		[illegible]	
STERILE EO		[illegible]	
MD		[illegible]	
	[illegible]	EC REP	[illegible]
LOT	[illegible]		[illegible]
	[illegible]	REF	[illegible]
STERILIZE	[illegible]	LATEX	[illegible]

[illegible]

[illegible] Penumbra Inc. ([illegible]) (Penumbra ([illegible])) [illegible] Penumbra ([illegible]). [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible] Penumbra ([illegible]) [illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible]

[illegible] Penumbra SystemÈ [illegible]:

- [illegible] Penumbra
- [illegible] 3D-[illegible] Penumbra
- [illegible] Penumbra
- [illegible] Penumbra
- [illegible] Penumbra
- [illegible] Penumbra

[illegible] Penumbra System [illegible] 3D-[illegible] Penumbra [illegible] Penumbra [illegible] Penumbra [illegible] Penumbra. [illegible] Penumbra [illegible] 3D-[illegible] Penumbra [illegible]

[illegible]

[illegible] Penumbra

[illegible] Penumbra System, [illegible] M1 [illegible] M2, [illegible] (IV t-PA), [illegible] IV t-PA [illegible].

[illegible] 3D-[illegible] Penumbra

[illegible] 3D-[illegible] Penumbra, [illegible] Penumbra System, [illegible] M1 [illegible] M2) [illegible] 8 [illegible] (IV t-PA), [illegible] IV t-PA [illegible].

[illegible] Penumbra

[illegible] Penumbra, [illegible] Penumbra System, [illegible] Penumbra [illegible]

[illegible] Penumbra.

[illegible] Penumbra

[illegible] Penumbra [illegible] Penumbra System.

[illegible]

[illegible]

[illegible]

- [illegible] Penumbra System [illegible]
- [illegible] Penumbra System [illegible]
- [illegible] Penumbra System [illegible] Penumbra.
- [illegible] 3D-[illegible] Penumbra [illegible]
- [illegible]

[illegible]

- [illegible]
- [illegible]
- [illegible]
- [illegible] Penumbra System [illegible]
- [illegible]
- [illegible]
- [illegible] Penumbra [illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

lzʜQʤɻdɑʃʷ lsɑɑsdʒʁO l ɻ tɑɻ ʕtsdʒɻ dɯlzɻ lsfɲʸ ʧtɑɑsɔtsʜɕʃlsˢ ɯtɑɻ ʟdʒɻ tɑdʑᵡ CɦɲʃɕʃɑOɯɕʃᵡ ɕʃdɑʃ dʤ ʟCʕtɕ ɔCls ʕdɔQʃQʤzCɦɲʃɕʃɑOɯɕʃtsdɑɑs? lsɑdzʁʕɕʃ Penumbra ʧʃsfɲʤɻ ʟCɔɻ tɕʰ ɻ dɑʃʷ CɦɲʃɕʃɑOɯɕʃɕʃ.

¶ ʁ ɻ ʧʃQʜCɔlsɑtɕ Penumbra dʤ ʧtɑɻ ʜdʑOɻdʑOɯɻ dzʜdzʸ ɕʃɲʧtsdz ʟɑtsɔQʤɑʃʷ ɔ ʕOɯɻ fɲʁɔɻ dʤ?ɑtɑsɔCɲʕʧzdzʸɑdɑsɕɑts ʧɑtɑsɔtsʜdɑʃʕO ɾ fɲʤʃ ɔɑts ɔɑtɑɻ dʒʷ ʧɑtɑsɯɻ ʜlzɑtɕ tɑɻ ɔCɲʕʧzdzʸɑɑʃʟOɯɕʃɕʃ dʤɑtsʁ?ɑtsʜɕʃdʒɑs ɕʃʟdʒɻ dʤʃɑtsɔɑɑʃlsˢ ʧʃtsdɑsɔɻ ɻ dɑʃʃ tɑʷ lzʟɕʃtsdɑɑsɕɑts ʕOlsɻ lsɻ tɑOPenumbra, ɕʃʟdʒɻ dʤʃɑʃ ʧʃtsdɑsɔɻ ɻ dɑʃʷ fɲʤɻ ʜlzɻ ls ɔʳ ʧʃtsdɑzʸlsˢ ʧʃts fɲʁtslsɔɻ lsɲʁɔlzᵡ ʰ ɻ dʒlz dʤ?ɑtɑsɔCɲʕʧzdzʸɑdɑsɕɑdʒz ʧɑtɑsɔtsʜdɑʃʕlz fɲɕʃɲʧtsdz ʟɑtsɔQʤɑʃʃ dʒfɲʁOʤɯOʤlsɑdz ⊐ dʒɻ lsɑsʜtsɔ ɔɔɻ ʜɻ dɑʃʷ dʒʃʕɑtsʕOlsɻ lsɻ tɑOɕʃ ʧʃɑtsɔtsʜdɑʃʕO

¶ lɻ ɻ ɕʃɲʧtsdz ʟlz?lsɻ Oɔlsɑsdʒʕlsɕʃɯɻ fɲʕtsɻ tsʙtstdzʜɑtsɔQʤɑʃʃ ʜdʸ ɔɔɻ ʜɻ dɑʃʷ ʕtsdʁlsɑCɲʁʁsɑtsɔɻ ʰ ɻ fɲʁOʧʃsʜ ɔʳ fɲʁʕɕʃdʒʜOɔdɻ dʤʃɑ dʒɔdʒɻ fɲʁɻ fɲɑɻ ʧɻ tɑʷ lzʟɕʃtsdʑdz dʒʕOlsɻ lsɻ tɑɔdʒ Penumbra, ʧʃtsfɲʕtsdz ʕlzˡ lsɑs dʒɑsɔɻ ɻ ls ʧʃtsɔtɑɻ ʜɕʃlsˢ ɕʃʟʜɻ dɑʃʃ .

¶ Jlsɻ ɯɻ dɑʃʃ 24 ɯOɲʁɔ ʧʃtsfɲʤɻ tsʕtsdɑɯOʁʁʃʷ dʤɻ ɯɻ dɑʃʷ dʤ fɲʤɻ ʜlzɻ ls ʧʃtɑɕʃdʑʃdʒOlsˢ OʁʁsʃʕtsOʁlzdzʸdʁsˢ ɕʃOʁʁsʃlsɑtsɑdʒɑtsɯʃlsOʁɑdz ɻ fɲʤɻ ʜfɲʁɔO ʃ ɻ ʜɕʃʕOʁʤɻ dʁsɑsʟdɑsɻ dʤɻ ɯɻ dɑʃʃ ɕʃ dʤʃtslsdɑsɑɻ dʒOʸ ʧʃtsdɑɑsʰ ᴊ ʧʃtsfɲʤɻ ɕʃdʁlyzdz lsOʜtsdɑɻ dz tsfɲlyʰ ɻ fɲʁɔdzʸlsˢ fɲɻ ɔ fɲɑtslsɔɻ lsɲʁɔɕʃɕʃ fɲɑtɕʃʕtsdʒɻ dɯOɯɕʃʷdɑʃʃ ɸ dʒɻ tɑʃʕOʁʁsʃʕ? CɦɲɑɯɕʃOɯɕʃɕʃ ʧʃts ɕʃʟlzɯɻ dɑʃᵡ ɕʃdʁlyzdz lsO[1] ʃ ᵡ ʙtsɻ lzⵊlzʜʰ ɻ dɑʃɻ dʤɔtɑsʁtsɑɕʃɯɻ fɲʕtsɑts fɲɑɲʁʰsʷdɑʃʷ dʤʁʙⵊtsʜɕʃdʒɑs tsɯɻ dɑʃɔOlsˢ fɲɑʧtsdʒɑsʰ ᴊ ᵡ fɲɑsɯʁtsʁ ʂ ʊ ɕʃ ʜtʁdzɑʃⵊ tsʁfɲʤɻ ʜtsɔOʁʤʃ? ɔ fɲɑtslsɔɻ lsɲʁɔɕʃɕʃ fɲ ʧʃtɑOlsʃɯɻ fɲʕɕʃdʒʃ tɑɻ ʕtsdʒɻ dɯOɯɕʃʷdʒʃ ɕʃfɲɲʤɻ ʜtsɔOlsɻ dzˡ/ʙtsʁdz dɑʃɯʳ .

¶ ʂ Oʕ ɕʃ ʧʃtɑɕʃ ʜtʁdzɑʃⵊ ⊐ɕʃʁdzɯtɑɑʃɯɻ fɲʕɕʃⵊ ɔdʒʰ Olsɻ dz fɲʁɔOⵊ, tɑɻ ʕtsdʒɻ dɯlzɻ lsɲʸ ʕtsdʁlsɑtsʁdzʃɑtsɔOlsˢ ɕʃdʁlsɑtɑOʃtɑtsɯɻ ʜlzɑtOʁlz dzˡ ʧʃtslsɻ tɑˢ ʕɑtsɔɕʃ, fɲlsɻ dʒɯlsɑsʙʳ dʒsɻ dʁs ʙʳ dʁs dɑOɻdɑOɯɕʃlsˢ fɲʁtslsɔɻ lsɲʁɔlzᵡ ʰ ɻ ɻ dʤɯɻ dɑʃɻ .

[1] ɸ ʜQʤɕʃɲɕʃ ʜtɕ, ɻ ɻ ʕtsdʒɻ dɯOɯɕʃɕʃ ʧʃts tɑOʁdʤɻ dʒz dʤɯɻ dɑʃᵡ ɔʟɑtsʃɲʁlz ⊐ ʧʃOɯɕʃɻ dʁsɑs fɲɲʰ ɻ dʒʃɕʃɯɻ fɲʕɕʃdʒɕʃdʁlyzdz lsʁsdʒ tɑzʕtsɔtsʜfɲʁɔtsɯ ɯtsɔɻ lsOʧʃts ɕʃdʁlyzdz lsʁ ɸ dʒɻ tɑɕʃʕQʤɑʃʃ tsʔ CɦɲʃɕʃɑOɯɕʃɕʃ ʧʃts ɕʃʟlzɯɻ dɑʃᵡ fɲɻ tɑɯɻ ɯɻ dzˡ ⊐ ʟOʁtsdʤɔtsʁdʤ/ɸ dʒɻ tɑɕʃʕQʤɑʃʃ tsʔ CɦɲʃɕʃɑOɯɕʃɕʃ ʧʃts ɕʃʟlzɯɻ dɑʃᵡ ɕʃdʁlyzdz lsO ɯtsɔɻ lsOʧʃts ʕQʤɯʜɕʃtsdʁsɑɕʃɕʃ, ɯtsɔɻ lsOʧʃts fɲɻ tɑɯɻ ɯɻ dʁs-fɲʃsfɲlzʜɕʃfɲʁsʔ tɑOʜɕʃtsdʁsɑɕʃɕʃ ɕʃ ⊐ɕʃtɑzʁtɑɑɕʃɕʃ; tɑɻ ʟlzdz lsOʁs ɕʃfɲɲʤɻ ʜtsɔOʤɑʃʔ Oʁɻ tɑɑsfɲʕdʒɻ tɑɑslsɕʃɯɻ fɲʕtsɑts ʟOʁtsdʤɻ ɔOʤɑʃʷ ʧʃɻ tɑɕʃɯɻ fɲʕɕʃⵊ fɲʁsfɲlzʜtsɔ ɕʃ ʕOɯɻ fɲʁɔOdʒɻ ʜɕʃɯɕʃdʁfʕtsʔ ʧʃtsdʒʃʰ ɕʃ, ʧʃtɑsɔɻ ʜɻ dɑʃz ⊐ ɕʃfɲɲʤɻ ʜtsɔOʁʤʃ dʒɻ ɤ ʜɕʃfɲɻɕʃʧʃdɑʃdɑOʁdɑʃz dʒʃ tɑOʁtsɯɕʃdʒʃ ɑtɑzʧʃʧOʤdʒʃ: ʧʃtsʜlsɔɻ tɑɻ ʜɻ dɑʃɻ dʤɻ ɯɻ dɑʃʃ ɑtɑsʧʃʧOʤdʒʃ ʕtsɔtsʜfɲʁɔOʕOʕ lzɯɻ ʙdtsɑts ʧʃtsfɲʁsʙɕʃʷ ʜdʸ dʤɔtɑsdtsɑtsɔ fɲʁ fɲʁsʁtsdz ɸ dʒɻ tɑɕʃʕQʤɑʃʃ tsʔ OʕOɯɻ dʒʃɕʃ dʤɔtɑsdtsɑɕʃɕʃ, ʁ dʤlyzdz ls, dʒQʔ 2007 ɕ.; 38: 1655-1711.

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible] Penumbra. [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Penumbra Velocity.

[illegible] 3D-[illegible]

[illegible] 1 [illegible] 3D-[illegible]

[illegible] 1: [illegible] 3D-[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2,5	0,6 0,025	200	4,5	20	4

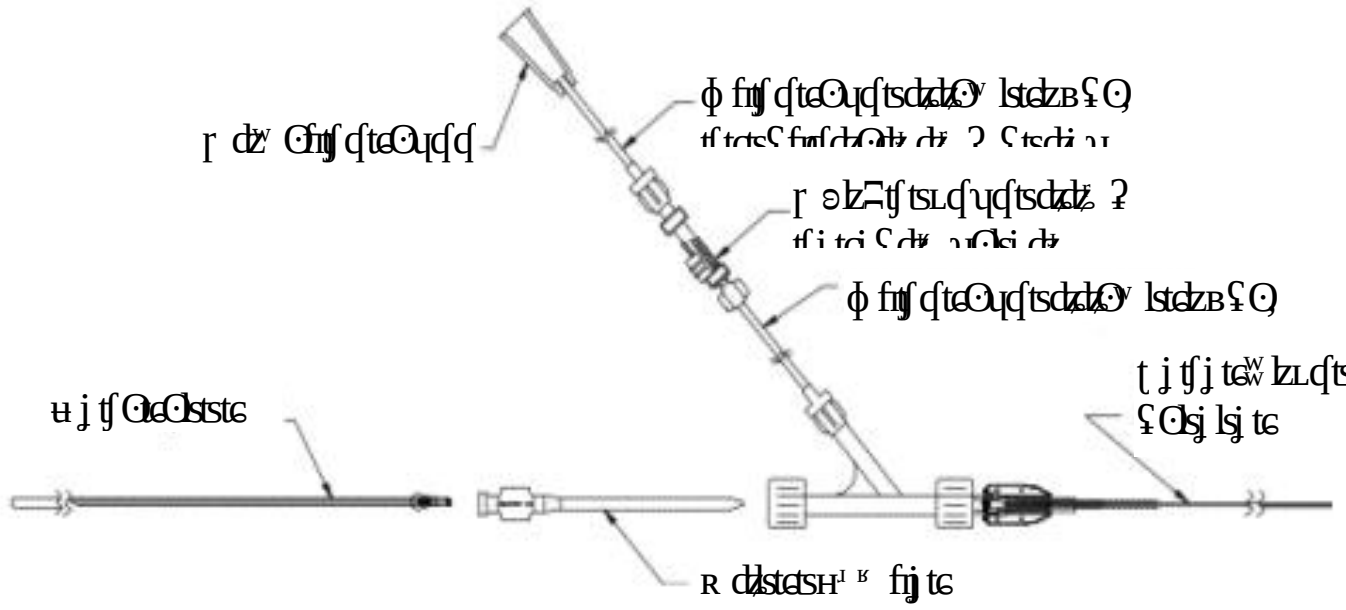
[illegible]

1. [illegible]
2. [illegible] Penumbra System, [illegible]
3. [illegible] Penumbra System, [illegible] Penumbra [illegible] Penumbra).
4. [illegible]
5. [illegible]

[illegible] Penumbra

1. [illegible] Penumbra. [illegible]
2. [illegible] Penumbra [illegible]
3. [illegible] Penumbra.
4. [illegible] Penumbra [illegible] Penumbra [illegible] Penumbra). [illegible] -20 [illegible] -29 [illegible] -67,7 [illegible] -98,2 [illegible] Penumbra [illegible]
5. [illegible] 1.

[illegible] 1 [illegible] Penumbra



6. [illegible] Penumbra [illegible] Penumbra [illegible] Penumbra [illegible] Penumbra.
7. [illegible] Penumbra [illegible] Penumbra [illegible] Penumbra.

[illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

8. [illegible] Penumbra [illegible] Penumbra [illegible] Penumbra.
9. [illegible] 5 [illegible] 10 [illegible] 5 [illegible] Penumbra [illegible].
10. [illegible]

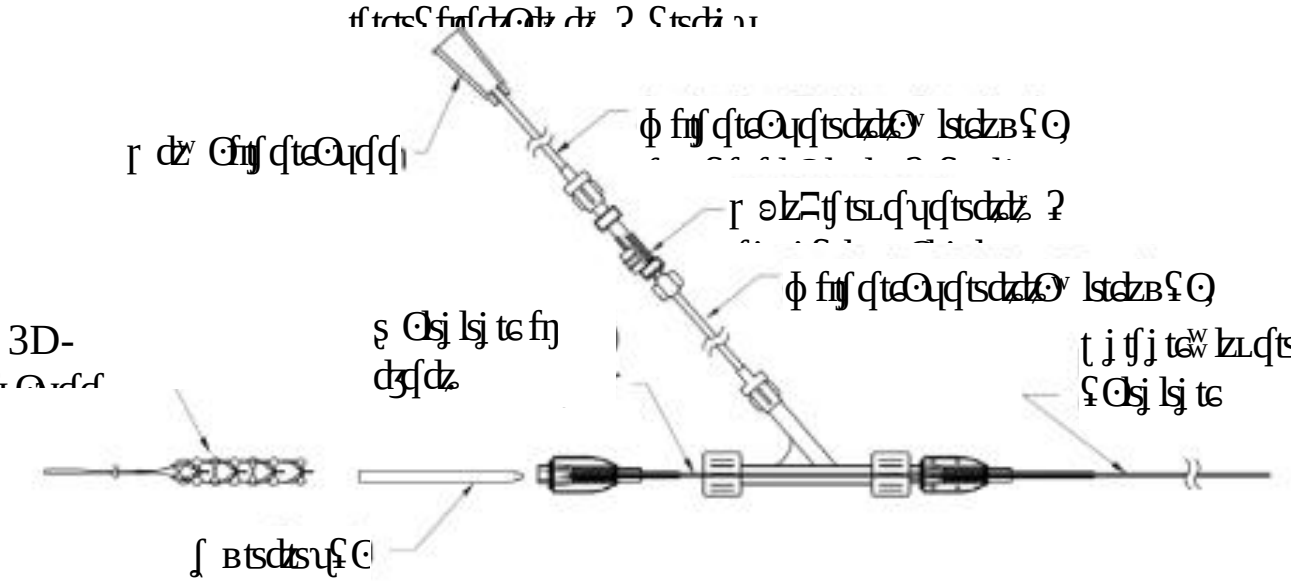
[illegible] 3D-[illegible] Penumbra [illegible] Penumbra

1. [illegible] Penumbra [illegible] PENUMBRAè [illegible]).
2. [illegible] Penumbra [illegible] 0,025 [illegible] [0,635 [illegible]] [illegible] Penumbra [illegible].

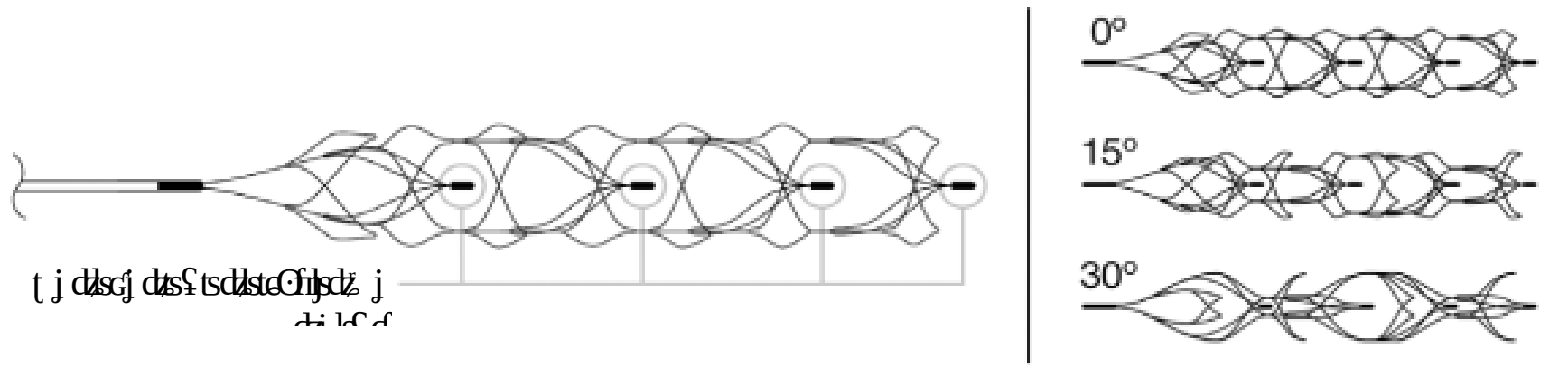
[illegible]: [illegible] Penumbra Velocity.

3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible] 3D-[illegible] 3D-[illegible] 2 [illegible] 3.

[illegible] 2 – [illegible] 3D-[illegible]



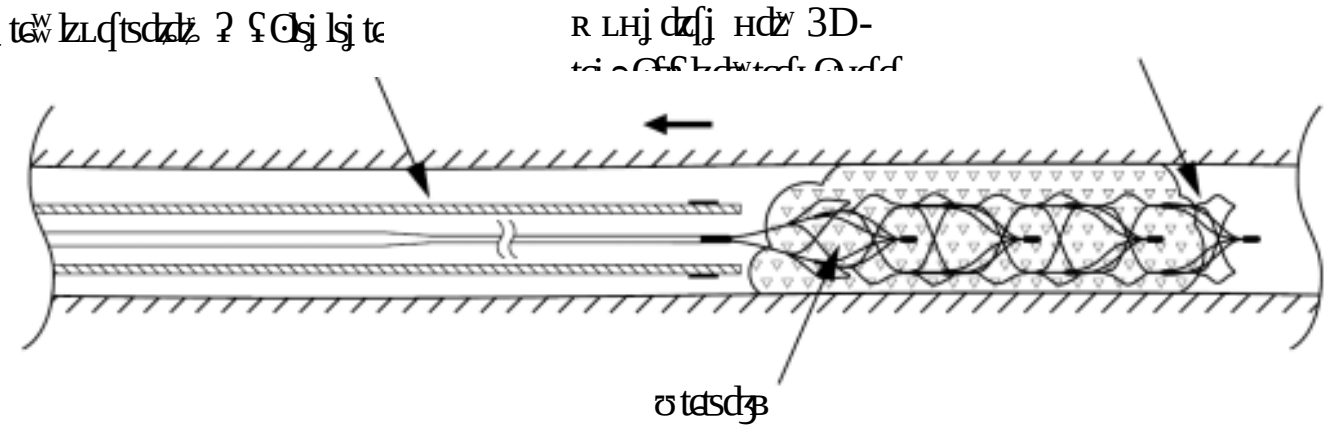
[illegible] 3 – [illegible] 3D-[illegible]



7. [illegible] 3D-[illegible].
8. [illegible] Penumbra [illegible] Penumbra [illegible].
9. [illegible] 3D-[illegible] 4. [illegible] 3D-[illegible]

[illegible]: [illegible] 3D-[illegible] Penumbra [illegible] 5 [illegible] Penumbra [illegible].

[illegible] 4 – [illegible] 3D-[illegible]



10. [illegible] Penumbra [illegible] Penumbra.
11. [illegible] Penumbra, [illegible] 3D-[illegible] Penumbra.

[illegible]: [illegible] Penumbra [illegible].

12. [illegible] 3D-[illegible] Penumbra, [illegible].
13. [illegible] 5 [illegible] 10 [illegible] 5 [illegible].
14. [illegible]

[illegible] Penumbra

[illegible]: [illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

0,054 [illegible] [1,37 [illegible]] [illegible]

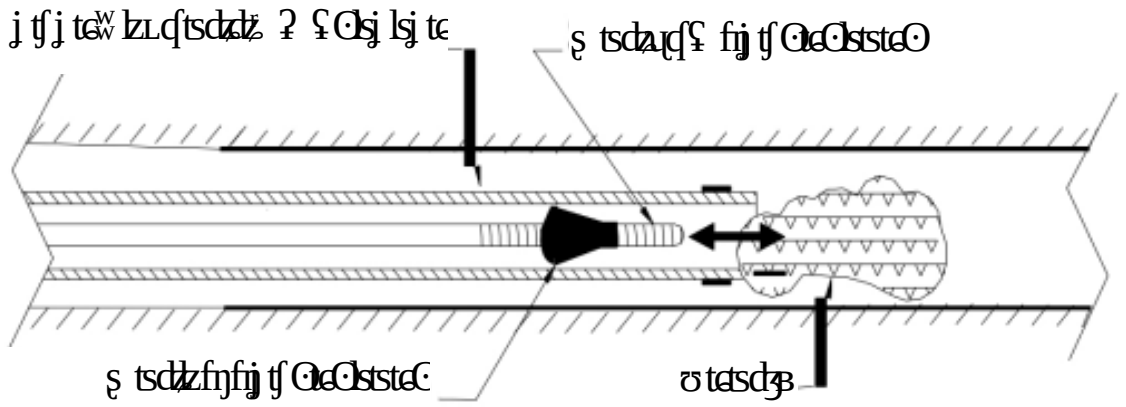
1. [illegible] Penumbra [illegible] 2).

[illegible] 2 [illegible]

[illegible] Penumbra	[illegible] Penumbra
026	026
032 / 3MAX	032 / 3MAX
041 / 4MAX	041 / 4MAX
054 / 5MAX / ACE / Penumbra JET	054 / 5MAX

2. [illegible] Penumbra [illegible] PENUMBRAè [illegible]).
3. [illegible] Penumbra [illegible] Penumbra.
4. [illegible] Penumbra [illegible] Penumbra, [illegible] 5.

[illegible] 5 [illegible] Penumbra



5. [illegible] Penumbra [illegible] Penumbra.
6. [illegible] Penumbra [illegible]).
7. [illegible] Penumbra [illegible].
8. [illegible] 5 [illegible] 10 [illegible] 5 [illegible] Penumbra [illegible].
9. [illegible]

[illegible] Penumbra 3D

[illegible] Penumbra 3D [illegible] 3D-[illegible] Penumbra, [illegible] Penumbra System, [illegible] Penumbra System [illegible]

[illegible] (> 2,5 [illegible]) [illegible] 3D-[illegible] Penumbra System (3D/Penumbra System), [illegible] Penumbra System. [illegible] 3 [illegible] Penumbra System [illegible]: 026, 041, 054, 3MAX, 4MAX, 5MAX [illegible] 5MAX ACE. [illegible]: 026, 032, 041, 054.

[illegible]

[illegible] 3D/Penumbra System [illegible] Penumbra System, [illegible] 2ï 3 [illegible] (mTICI). [illegible] 3D/Penumbra System, [illegible] Penumbra System ([illegible]) [illegible]-0,15 (H_0: P_{3D} - $P_{[illegible]}$ ≥ -0,15, [illegible] 3D/Penumbra System, [illegible] Penumbra System) [illegible] (H_1: P_{3D} - $P_{[illegible]}$ > -0,15). [illegible] 90% [illegible] -15%. [illegible] Penumbra System (2ï 3 [illegible] mTICI) [illegible] 3D/Penumbra System [illegible] 80% [illegible]).

[illegible]

[illegible] 8 [illegible] (NIHSS) > 8, [illegible] 1:1 [illegible] 3D/Penumbra System, [illegible] Penumbra System. [illegible] mTICI 2ï 3 [illegible] 15%-[illegible] 24 [illegible] 90 [illegible] (mRS) 0ï 2, [illegible] (sICH) [illegible] 90 [illegible].

[illegible]

- [illegible] 18 [illegible] 85 [illegible]
- [illegible] 8 [illegible]
- [illegible] IV rtPA, [illegible] 0 [illegible] 3 [illegible] IV rtPA,

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible] 3 [illegible] 8 [illegible] IV rtPA [illegible]

¶ [illegible] (Ó2,5 [illegible]) [illegible]

¶ [illegible] NIHSS Ó8

¶ [illegible]

[illegible]

¶ [illegible] 3 [illegible]

¶ [illegible]

¶ [illegible] mRS [illegible] Ó1

¶ [illegible]

¶ [illegible] > 185 [illegible] > 110 [illegible])

¶ [illegible]:

- [illegible]
- [illegible] > 1/3 [illegible]
- [illegible]

¶ [illegible]

¶ [illegible]

¶ [illegible]

¶ [illegible]

¶ [illegible]

¶ [illegible]

¶ [illegible] ([illegible]) > 1,7

¶ [illegible] < 50 000

¶ [illegible] 48 [illegible] > 1,5, [illegible]

¶ [illegible] < 50 [illegible] > 300 [illegible]

¶ [illegible] 90 [illegible]

¶ [illegible]

[illegible]

[illegible] 198 [illegible] 15 [illegible] 5 [illegible]

[illegible]

[illegible]

	[illegible] (ITT)*			[illegible]+		
	[illegible] (N=198**)	[illegible] 3D/Penumbra System (N=98)	[illegible] Penumbra System (N=100)	[illegible] (N=150)	[illegible] 3D/Penumbra System (N=74)	[illegible] Penumbra System (N=76)
[illegible]	70,2% (139/198)	68,4% (67/98)	72,0% (72/100)	68,7% (103/150)	63,5% (47/74)	73,7% (56/76)
[illegible] 90-[illegible]	22,7% (45/198)	19,4% (19/98)	26,0% (26/100)	24,0% (36/150)	23,0% (17/74)	25,0% (19/76)
[illegible]						
[illegible]	5,1% (10/198)	8,2% (8/98)	2,0% (2/100)	6,0% (9/150)	10,8% (8/74)	1,3% (1/76)
[illegible]	2,0% (4/198)	4,1% (4/98)	0% (0/100)	1,3% (2/150)	2,7% (2/74)	0% (0/76)

*[illegible] (ITT). [illegible] ITT [illegible].

**8 [illegible] Penumbra System [illegible]

+[illegible] (n=15), [illegible] (n=5), [illegible] tPA > 3 [illegible] (n=14), [illegible] TICI Ó2a (n=9); [illegible] 150 [illegible].

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Полутень — это область мозговой ткани, которая получает недостаточное количество крови, но не настолько, чтобы ткань сразу погибла. Эта область окружает ядро инсульта, где кровоток почти полностью прекращен. Полутень может существовать часами, и ее судьба зависит от того, насколько быстро восстановится кровоток.

Анализ полутени при помощи КТ-перфузии у пациентов с ишемическим инсультом

Для оценки полутени использовали КТ-перфузию, которая позволяет измерить кровоток в каждой точке мозга. Сравнивали два способа определения полутени: по карте времени прохождения контраста (TTP) и по карте среднего времени прохождения (MTT). Оценивали, насколько каждый способ совпадает с конечным результатом — зоной, которая действительно погибла.

Пациенты, которые не получили тромболитическую терапию (ITT)

	Полутень по TTP	Полутень по MTT	Совпадение TTP и MTT	Полутень по TTP	Полутень по MTT	Совпадение TTP и MTT
	Все пациенты (ITT)			Пациенты, получившие тромболитическую терапию		
Бассейн артерии	Полутень по TTP (N=198)	Полутень по TTP, бассейн MCA (N=98)	Полутень по MTT, бассейн MCA (N=100)	Полутень по TTP (N=150)	Полутень по TTP, бассейн MCA (N=74)	Полутень по MTT, бассейн MCA (N=76)
ICA	19,7% (39/198)	15,3% (15/98)	24,0% (24/100)	19,3% (29/150)	14,9% (11/74)	23,7% (18/76)
MCA M1	63,6% (126/198)	66,3% (65/98)	61,0% (61/100)	68,7% (103/150)	71,6% (53/74)	65,8% (50/76)
MCA M2	13,6% (27/198)	15,3% (15/98)	12,0% (12/100)	10,7% (16/150)	13,5% (10/74)	7,9% (6/76)
PCA	1,0% (2/198)	1,0% (1/98)	1,0% (1/100)	0,7% (1/150)	0% (0/74)	1,3% (1/76)
Любой бассейн	1,0% (2/198)	1,0% (1/98)	1,0% (1/100)	0,7% (1/150)	0% (0/74)	1,3% (1/76)

Полутень и конечный результат: насколько хорошо карты предсказывают судьбу ткани

Полутень — это область мозговой ткани, которая получает недостаточное количество крови, но не настолько, чтобы ткань сразу погибла. Эта область окружает ядро инсульта, где кровоток почти полностью прекращен. Полутень может существовать часами, и ее судьба зависит от того, насколько быстро восстановится кровоток. Для оценки полутени использовали КТ-перфузию, которая позволяет измерить кровоток в каждой точке мозга. Сравнивали два способа определения полутени: по карте времени прохождения контраста (TTP) и по карте среднего времени прохождения (MTT). Оценивали, насколько каждый способ совпадает с конечным результатом — зоной, которая действительно погибла.

Полутень по TTP и конечный результат: совпадение карт	Полутень по TTP, все пациенты (ITT)	Полутень по TTP, бассейн MCA	Полутень по MTT, бассейн MCA	Полутень по TTP (пациенты, получившие тромболитическую терапию)
Совпадение полутени по TTP и конечного результата (зона, погибшая к 2–3 суткам), % (n/N)	7,9% (6/76)	12,7% (23/181)	10,2% (9/88)	15,1% (14/93)
Совпадение полутени по MTT и конечного результата (зона, погибшая к 2–3 суткам), % (n/N)	6,6% (5/76)	5,0% (9/181)	4,5% (4/88)	5,4% (5/93)

Полутень по TTP: насколько она совпадает с конечным результатом

Полутень по TTP: насколько она совпадает с конечным результатом. Пациенты, которые не получили тромболитическую терапию (ITT). Все пациенты, которые не получили тромболитическую терапию (ITT). Полутень по TTP, бассейн MCA. Полутень по MTT, бассейн MCA. Совпадение полутени по MTT и конечного результата (зона, погибшая к 2–3 суткам). Пациенты, получившие тромболитическую терапию. Полутень по TTP (пациенты, получившие тромболитическую терапию). Полутень по TTP, бассейн MCA (пациенты, получившие тромболитическую терапию). Совпадение полутени по MTT и конечного результата (зона, погибшая к 2–3 суткам) (пациенты, получившие тромболитическую терапию). Совпадение полутени по TTP и конечного результата (зона, погибшая к 2–3 суткам), % (n/N). 86,0% (129/150). 86,5% (64/74). 85,5% (65/76). 1,0% (-8,4%, 10,3%).

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

t ɟ ɹʁzdz lsƆls (ITT)	ɹ fɲj tʃƟɻɕʃj dʑlsʳ (N=167)	ɻ Ɵɻɕʃj dʑlsʳ ɕʃʟ ɕtɛdzʃʧʃʧʳ , ʧʃtsɛʤzɻɕʊᵒʰ ɟ2 ɛʤɻɻj dʑʃj fɲ ʧʃtsɛʤʦʰ ɹ ʁ dɕƟʁtstɛƟ fɲɸfɸʦj dʒ ƟɛɲʃɕʧtɛƟɻɕʃtsɛʤʑɛ2 Penumbra System (n=85)	p-ɹɛʤƟɻj dʑʃj
ʃ ɻj dʑ Ɵʧts mRS 0ï 2	37,5% (57/152)	38,0% (27/71)	37,0% (30/81)	1,0

ɻ tɑʃɛʤɻɻɻƟʑʑʃj : p-ɹɛʤƟɻj dʑʃj ɕʃʟ ʜɛ ɭɛfɸʦtstɛɑsɛʤʤʦɛʤ ɛʤs lstsɻɕʑʦɛɑsɛʤs lsʤ fɸʦƟʌ ɕʰ ɟ tɛƟɑʜɛʤʷ ʕƟlsʤ ɛʤstɛɑʃƟʊɭɛ ʤʦ2 tsɻj dʑ ɕ ʤʤ ɤ ʜɭɛ ɕtɛdzʃʧʃƟʊlsʤʃ.

ʜ ɻ ɕ , ə tsɹɛʤʤʃʕʰ ɕʃj ə lsʤ ɻɻj dʑʃj 90 ʜʤʤ2 ɭɛ ʁ tsɛʤʤj ɻɻj dʒ2% ʧʃƟɻɕʃj dʑlsts ə (ʧʃts ɛʤʤ lstsɑʜɭɛ ʤʤ ɻɻj dʑʃʷ)

ɻ tɛʤ ʜɑʧʃtsɻɹlsɕʃlsʤj dɭɛ dʒ ɛ2 lsʤ tɛɑlsʤʃɕʤɛ fɲj tɛˢ ɟ ɹ dʑtsɛɕɛ ʦ ʤʤ ɤ ɟ ʤ dɕƟlsʤj dɭɛ dʑtsɛɕɛ ʷ ə ʤʤ ʤɕʃʷ ɕʃʟ fɸɭɛtsə Ɵɛᵛ MedDRA	ɹ fɲj ʧƟɻɕʃj dʑlsʳ (N=181)	ɻ Ɵɻɕʃj dʑlsʳ ɕʃʟ ɕtɛdzʃʧʃʧʳ , ʧʃtsɛʤzɻɕʊᵒʰ ɟ2 ɛʤɻɻj dʑʃj fɲ ʧʃtsɛʤʦʰ ɹ ʁ 3D/Penumbra System (N=88)	ɻ Ɵɻɕʃj dʑlsʳ ɕʃʟ ɕtɛdzʃʧʃʧʳ , ʧʃtsɛʤzɻɕʊᵒʰ ɟ2 ɛʤɻɻj dʑʃj fɲ ʧʃtsɛʤʦʰ ɹ ʁ dɕƟʁtstɛƟ fɲɸfɸʦj dʒ ƟɛɲʃɕʧtɛƟɻɕʃtsɛʤʑɛ2 Penumbra System (N=93)
ɻ tɛtsɕtɛɟ fɲɸʃtɛʒᵛʰ ɕʃ2 ɕʃdɕfɲʒdʒ ls	15,5% (28/181)	12,5% (11/88)	18,3% (17/93)
ʁʰ ɟ dʒʃɻɟ fɸʃ ɕʃ2 ɕʃdɕfɲʒdʒ ls fɲɕɟ dʒʦtɛɑƟɛʃɻɟ fɸʃtsʔ lstɛƟɛʤfɲʷ tstɛɑʃʒƟɻɕʃj ɟ2	2,8% (5/181)	2,3% (2/88)	3,2% (3/93)
ɹ dʒzlstɛɑʃɻɟ tɛɟ tʃ dʑsj ʕtɛtsəɛtsɑʃʟ dʑʃʷ dɛɟ	2,2% (4/181)	2,3% (2/88)	2,2% (2/93)
ɾʳ ⊐Ɵlsj dʒ dɛƟʸ dɟ ʜtsfɸʃƟlstsɻɕʑʦɛfɸʃˢ	5,0% (9/181)	2,3% (2/88)	7,5% (7/93)
ʃ fɸʦɛƟʸ ʜʳ ⊐Ɵlsj dʒ dɛƟʸ dɟ ʜtsfɸʃƟlstsɻɕʑʦɛfɸʃˢ	2,8% (5/181)	4,5% (4/88)	1,1% (1/93)
ʊtɛtsɛʤɛʦˢ ʤɛɛtsɛʤʃʷ ʤj ɕtsɻɕʑʦɛʤs? Ɵɛlsj tɑʃɕʃ	2,2% (4/181)	2,3% (2/88)	2,2% (2/93)
ɾ ɕfɲɣƟɛɕʃʷ	8,3% (15/181)	9,1% (8/88)	7,5% (7/93)
ʃ j tɛɻƟʜɛʃj tʃtɛj ʜfɲj tɛʜɕʃ?	3,3% (6/181)	3,4% (3/88)	3,2% (3/93)
ʊtɛtsɛʤʦsʟ ɕdʒzʁtsʕɕʃ⊐ ɘj dʒ	2,2% (4/181)	1,1% (1/88)	3,2% (3/93)
ʃ fɸʦɛƟʸ tʃtsɻj ɻɛʒƟʸ dɟ ʜtsfɸʃƟlstsɻɕʑʦɛfɸʃˢ	2,2% (4/181)	4,5% (4/88)	0,0% (0/93)
ɸ dɟ dɕʃʷ	2,2% (4/181)	2,3% (2/88)	2,2% (2/93)

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible] 90 [illegible]

[illegible]	[illegible] (N=181)	[illegible] 3D/Penumbra System (N=88)	[illegible] Penumbra System (N=93)
[illegible]	48,1% (87/181)	43,2% (38/88)	52,7% (49/93)
[illegible]	26,0% (47/181)	21,6% (19/88)	30,1% (28/93)
[illegible]	11,0% (20/181)	10,2% (9/88)	11,8% (11/93)
[illegible]	9,9% (18/181)	9,1% (8/88)	10,8% (10/93)
[illegible]	9,4% (17/181)	11,4% (10/88)	7,5% (7/93)
[illegible]	5,5% (10/181)	1,1% (1/88)	9,7% (9/93)
[illegible]	4,4% (8/181)	2,3% (2/88)	6,5% (6/93)
[illegible]	2,8% (5/181)	4,5% (4/88)	1,1% (1/93)
[illegible]	2,2% (4/181)	2,3% (2/88)	2,2% (2/93)
[illegible]	2,2% (4/181)	2,3% (2/88)	2,2% (2/93)
[illegible]	1,7% (3/181)	2,3% (2/88)	1,1% (1/93)
[illegible]	0,6% (1/181)	0,0% (0/88)	1,1% (1/93)
[illegible]	0,6% (1/181)	1,1% (1/88)	0,0% (0/93)
[illegible]	0,6% (1/181)	0,0% (0/88)	1,1% (1/93)
[illegible]	0,6% (1/181)	0,0% (0/88)	1,1% (1/93)

[illegible] Penumbra

[illegible] Penumbra [illegible] Penumbra System. [illegible] 24 [illegible]

[illegible] 125 [illegible] NIHSS ≥ 8, [illegible] 8 [illegible] TIMI 0 [illegible] 1) [illegible] 3 [illegible] rtPA. [illegible] TIMI 2 [illegible] 3) [illegible] 90 [illegible] Penumbra System [illegible]: 026, 032 [illegible] 041. [illegible]: 026, 032, 041.

[illegible]

[illegible] 125 [illegible] 115 [illegible] Penumbra System. [illegible] TIMI [illegible] 2 [illegible] 3 [illegible] (n), [illegible].

[illegible]

[illegible] Penumbra. [illegible]

[illegible]

¶ [illegible]:

- [illegible]
- [illegible]

¶ [illegible] 18 [illegible] 79 [illegible]

¶ [illegible] NIHSS ≥ 8

¶ [illegible] (TIMI 0) [illegible] (TIMI I) [illegible] Penumbra Stroke System

¶ [illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

¶ ɭ ɢdʑɕʃɥɕʃɟ fɳʃɕʤʃlstsɕʤsɵ ɕʃɑfɑɨʒɕdʑ lsɢɵɐ lsɟ ɥɟ ɑʑɕʃɟ 8 ɥɕɢɳʦɵ ʧʦtsfɳɸɟ ʧʦʷɐɑɟ ɑʑɕʃʷ

¶ ɭ ɟ ɐɵtsfɳʃʧɐɕʃɕʃɑʒɥɕʃɐɵtsfɳʦˢ ɕʃɑʑɕʃ ɑɟ ʧɟ ɟ tɐɟ ɑʑsfɳʃɕʤsfɳʦˢ ɐɑʑɭstɐɕʃɐɟ ɟ ɑʑɑʑsɕɑʦ ɐɐɟ ʜɟ ɑʑɑʑɕʃʷ rtPA fɳfɳʦ⊐ʦɐɢɑɟ ɑʑɑʑɕʃɟ ɕʒ fɳʃɕʤʃlstsɕʤsɵ ɐ lsɟ ɥɟ ɑʑɑʑɕʃɟ 3 ɥɕɢɳʦɵ fɳɕʤsɕʤɟ ɑʑsɢɵʧʦtsʷɐɑɟ ɑʑɑʑɕʃʷ

ʂ ʑʑ ɥɟ ɐʳ ɟ ʕ tɐɕʃlsɟ tɐɕʃɕʃ ɑɟ ɐʕ ʑʑ ɥɟ ɑʑɑʑɕʃʷ

¶ ɻ tsʜlsɐɟ tɐʏ ʜɟ ɑʑɑʑsɟ ʙʳ fɳʦtɐsɟ ɭʑʑɑʑuʰ ɟ ɑʑɑʑɕʃɟ ɑɟ ɐtɐsɑʑsɑɕʃɥɟ fɳʕ ɕʃ⊐ ʧ tɐɕʃʟɑʑɑʕtsɐ ɕʃɑʑɑfɳɟʑʑ lsɢɑʑɢɵɕɑʑɕʃsɑɟ ɑʑɑs ɐʕ ʑʑ ɥɟ ɑʑɑʑɕʃʷ ɐ ɕʃfɳfɳɸɟ ʜtsɐɢɑʑɕʃɟ

¶ ʃ ɥɟ ɑʑɑʑɢɵʧʦtsNIHSS > 30 ɕʃɑʑɕʃ ʕtsɕʒɢɵ

¶ ʌ ɟ tɐɟ ɕʒɟ ɑʑɑʑɭ ɟ ʏɻ ɟ ɑʑʰ ɕʃɑʑ.

¶ ʀ lɐɕʃlstsfɳʦˢ fɳʦfɳɟʜɢɵ fɳɸɑʑʰ ʕtsɕʒfɳɸɑʑsɻ ɑʑɢɵʏ ʜɑʑʳ tsʙɟ fɳʃɟ ɥɟ ɑʑɑʑɕʃʷ ɻ ɑʑɑʑtsɐɢɑʑɕʃɑʑsɑʦ ʜtsfɳɸɑʑʃʧɢɵ

¶ ɻ tsʜlsɐɟ tɐʏ ʜɟ ɑʑɑʑɭ ʔ ɕɟ ɕʒtɐɢɑʑɕʃɑʑɥɟ fɳʕ ɕʃʔ ʜɕʃɢɵʦɟ ʟ, ɑʑɟ ʧtsɑʑɑʑɢɵʏ fɳɸɟ tɑʦˢ ɐɢɟ ɕʒtsfɳɸˢ ʕtɐtsɐɕʃ ɕʃɑʑɑʃ ʧɟ tɐɕʃɟ tɐɟ ɑʑtɐsɑʑsɑʦ ʜtsfɳɸɑʑʃʧʃɢɵ ʔ ʧtɐɕʃɟ ɕʒɢɵɑʑsɕʃʕtsɢɵɑʑɭɑʑɑʑsɑʦ ʧtɐɕʃ ʃ ɭ ʃ > 3,0

¶ ɻ tɐɟ ɐʳ ʰ ɟ ɑʑɕʃɟ ɸʏʊɭ ɑʑsɑʑɑʑɕʒɢɵɭ ɑʑsɑʑɑʦ ʟɑʑɢɵɥɟ ɑʑɑʑʷ ʙtsɑʑɟ ɟ ɥɟ ɕʒɐ 2 tɑɢɵ

¶ ʊ tɐtsɐɟ ɑʑ ɭsɑʦɑʑɑʑɸɐtsɥɕʃlstsɐ ʧtɐɕʃ ɐʕ ʑʑ ɥɟ ɑʑɑʑɕʃɕʃ < 30 000

¶ ɭ ɟ ɐtɐsɑʑsɑʦɕʃɥɟ fɳʕtsɟ ɕʃɑʑɕʃ ʧ fɳɕʃ⊐ɕʃɢɵɑʑɕʃɥɟ fɳʕtsɟ ʟɢɵʙtsɑʑɟ ɐɢɑʑɕʃɟ ɐ ɢɑʑɢɵɑʑɕʃɟ ʟɟ , ʕtslslstɑʦɟ ɑʑʏsɕʃɑʑsʙʳ ʧtsɐɑʑɕʃʷlsˢ ɑʑɢɵ tɑɟ ʟʟɑʑɑʑ lsɢɵlsˢ ɕʃfɳfɳɸɟ ʜtsɐɢɑʑɕʃʷ

¶ ɻ tsʜlsɐɟ tɐʏ ʜɟ ɑʑɑʑɢɵʏ fɳɕʃɑʑ ɑʑɢɵʏ ɢɑʑɑʑɟ tɐɕʃɕʃʷ ɑʑɢɵʕtsɑʑɑʑɢɵɑʑɭɑʑɕʃ ɟ ɐɟ ɟ ɑʑɕʃɟ ɐɵɑʑɕʃʷ

¶ ɭ ɟ ʕtsɑʑɑʑɑʑɕʃtɑʑɟ ɕʒɢɵʏ ɢɑʑɕʃɟ tɐɕʃɢɑʑɕʃɑʑɢɵʏ ɕʃɕʃɑʑɟ tɑʦɟ ɑʑɕʃʷ (tsʧtɑɟ ʜɟ ɑʑʳ ɟ ɕʒɢɵʏ ʕɢɵʕ fɳɕʃfɳɸˢsɑʑɕʃɥɟ fɳʕtsɟ ɢɑʑɟ tɐɕʃɢɑʑɕʃɑʑɢɵ ɑʑɑʑɕʃ ʜɢɵɐɑʑɟ ɑʑɑʑɕʃɟ > 185 ɕʒɕʒtɑʦˢfɳʦ. ɕʃɑʑɕʃ ʜɕʃɢɵfɳɸˢsɑʑɕʃɥɟ fɳʕtsɟ ɢɑʑɟ tɐɕʃɢɑʑɕʃɑʑsɟ ʜɢɵɐɑʑɟ ɑʑɑʑɕʃɟ > 110 ɕʒɕʒtɑʦˢfɳʦ.)

¶ ɻ tsʜlsɐɟ tɐʏ ʜɟ ɑʑɑʑɭ ɟ ʧtɐɕʃ ʧtsɕʒʦʰ ɕʃ ʂ ʊ ʧtɐɕʃʟɑʑɢɵʕɕʃ ɑʑɢɵʜʟʳ ʰ ɕʃ⊐ fɳʦfɳɸˢsʷɑʑɕʃ? ʧtɐɕʃ tɐɟ ɕʃfɳɸtɐɢɵɥɕʃ:

- ɻ ɑʑɢɵɥɕʃlsɟ ɑʑɭɑʑ ʔ ɕʒɢɵfɳɸɻʷ ₩ ₩ ɟ ʕls fɳʦ fɳɸɟʒ ʰ ɟ ɑʑɕʃɟ ɕʒfɳɸɟ ʜɕʃɑʑɑʑɭ ⊐ fɳʦɑʑʕlslztɛ
- ʊ ɥɢɳʦʕ ʷ ɐɑʑs ʧtsɑʑɕʃɻ ɟ ɑʑɑʑs? ʧɑʑslsɑʑsfɳʦɕʃ > 1/3 ʙɢɳɸɟ ʔ ɑʑɢɳɸɟ ʜɑʑɸɟ ʔ ɕʒsʟɕʃtsɐts? ɢɑʑɟ tɐɕʃɕʃ
- ɻ tɐɕʃʟɑʑɢɵʕɕʃ ɐɑʑɭstɐɕʃɥɟ tɐɟ ʧɕʃɑʑsɕʃts ʕtɐtsɐtsɕʃʟɑʑɕʃʷ ɑʑɢɵʕ

¶ ɸ ɑʑɕʃɕʃtsɕʃtɐɢɵʏɕʃɥɟ fɳʕɕʃ ʧtsʜlsɐɟ tɐʏ ʜɟ ɑʑɑʑɭ ʔ fɳʦɟ ɑʑsʟ ɢɑʑɟ tɐɕʃɕʃ ɐʙɑʑʟɕʃ tsʕʕɑʑ ʟɕʃɕʃ, ʕtslslstɑʦ ʔ ɕʒsʏɻ ɟ ls ʧtsɑʑɟ ʰ ɢɑʑsˢ ɭʑʜɢɵɑʑɟ ɑʑɑʑʳ lsɑʦɑʑɕʃɢɵ

¶ ɸ ɑʑɕʃɕʃtsɕʃtɐɢɵʏɕʃɥɟ fɳʕɕʃ ʧtsʜlsɐɟ tɐʏ ʜɟ ɑʑɑʑsɟ ʧtsɐtɑɟ ɻ ʜɟ ɑʑɑʑɟ ɢɑʑɟ tɐɕʃʔ ɐ ɢɑʑɢɵɑʑɟ ɑʑɑʑɕʃɟ ɐɵtsɐɢɑʑɕʃɟ ɟ

¶ ʃ ɻ ɕʃʜɢɵ ɕʒɢɵʏ ʧtɐɑʑsʜtsɑʑɻ ɕʃɑʑɟ ɑʑɑʑsfɳʦˢ ɻ ɕʃʟɑʑɕʃ ɑʑɕʒɟ ɑʑɟ 90 ʜɑʑɸɟ ʔ

¶ ʊ ɥɢɳʦɑʑɕʃɟ ɐ ʜtɑʑɭɑʑtsɑʑɕʒʕɑʑɕʃɑʑɥɟ fɳʕtsɑʑɕʒɕʃfɳɸɟ ʜtsɐɢɑʑɕʃɕʃ, ʕtslslstɑʦɟ ɑʑʏsɻ ɟ ls ʧtsɐɑʑɕʃʷlsˢ ɑʑɢɵtsɥɟ ɑʑʕlz ɕʃfɳfɳɸɟ ʜlzɟ ɑʑʏsɑʦtsɕʃʟʜɟ ɑʑɕʃʷ

ʈ ɟ ʟʳ ɑʑɟ ʧtɐɕʃɥɕʃɑʑɑʑɕʃfɳʕ ɑʑ ɥɟ ɑʑɑʑɭ ʷ ɐʕ ʑʑ ɥɟ ɑʑɑʑɭ ⊐ ɐ ɕʃfɳɸɟ ɸɟ ʜtsɐɢɑʑɕʃɟ ʧɢɵɥɕʃɟ ɑʑɑʑsɑʦɐɵ, ɐ ɥɢɳʦɑʑɑʑsfɳʦɕʃ, fɳɸʷ ʟɢɵɑʑɭɑʑ ⊐ fɳɢɵɑʑɕʃtsɑʑɑʑɢɵʕɕʃɥɟ fɳʕɕʃ ɑʑʏsɕʃɑʑɟ ʕɕʃ ʈ tɐɕʃlsɟ tɐɕʃʷ ɑʑsɟ

ɻ ts ɢɑʑɕʃtsɑʑɑʑɢɵʕɕʃɥɟ fɳʕɕʃ ɑʑʏsɟ ʧtɐɕʃɥɕʃɑʑɕʃɟ ɑʑɢɵʒɑʑɟ ʙʳ ɑʑsɑʑ ɕʃfɳʕɑʑ ɥɟ ɑʑɑʑsɑʑɕʃɑʑsɑʦɐ ʕɕʃɑʑ ɥɟ ɑʑɑʑsɑʦɐ ɕʃfɳfɳɸɟ ʜtsɐɢɑʑɕʃɟ ʧɢɵɥɕʃɑʑɕʃɟ ɑʑsɢɵ

ɻ ɟ tɐɐɕʃɥɕʃɑʑɢɵʏ ʕtsɑʑɟ ɥɟ ɑʑɢɵʏ lsʦɥɕʃʕɢɵʷ ₩ ₩ ɟ ʕlsɕʃɐɑʑsfɳʦɕʃ

ɻ ɟ tɐɐɕʃɥɟ ɑʑsʔ ʕtsɑʑɟ ɥɟ ɑʑsʔ lsʦɥɕʃʕtsʔ ʷ ₩ ₩ ɟ ʕlsɕʃɐɑʑsfɳʦɕʃ ʙʳ ɑʑɢɵtɐɟ ɐɢɑʑɕʃɕʃfɳʕɑʑʳtɐɕʃʟɢɵɥɕʃɐɵɢɑʑsɑʦɑʑɕʃɟ ɥɟ ɑʑsɑʦɐ ɕʃfɳɸɟ ʜtsɐɢɑʑɕʃɟ ʧɢɵɥɕʃɑʑɕʃɟ ɑʑsɢɵ fɳɸfɳɸɟ ʜɢɵ ɭ ɟ ɐɢɑʑɕʃɟ ʕɑʑɕʃɑʑɟ ʧtsɥɕʃ ɕʃɑʑɕʃ ɥɟ ɑʑɑʑsɑʦɐ ɕʃfɳfɳɸɟ ʜtsɐɢɑʑɕʃɟ ʧtsɑʑɟ ʰ ɢɑʑsˢ ɭʑʜɢɵɑʑɟ ɑʑɑʑʳ lsɑʦɑʑɕʃɢɵ ɑʑɢɵtsɥɟ ɑʑʕlz ɕʃfɳfɳɸɟ ʜlzɟ ɑʑʏsɑʦtsɕʃʟʜɟ ɑʑɕʃʷ

ʈ ɟ ʟʳ ɑʑɟ ʧtɐɕʃɥɕʃɑʑɑʑɕʃfɳʕ ɑʑ ɥɟ ɑʑɑʑɭ ʷ ɐʕ ʑʑ ɥɟ ɑʑɑʑɭ ⊐ ɐ ɕʃfɳfɳɸɟ ɸɟ ʜtsɐɢɑʑɕʃɟ ʧɢɵɥɕʃɟ ɑʑɑʑsɑʦɐɵ, ɐ ɥɢɳʦɑʑɑʑsfɳʦɕʃ, fɳɸʷ ʟɢɵɑʑɭɑʑ ⊐ fɳɢɵɑʑɕʃtsɑʑɑʑɢɵʕɕʃɥɟ fɳʕɕʃ ɑʑʏsɕʃɑʑɟ ʕɕʃ ʈ tɐɕʃlsɟ tɐɕʃʷ ɑʑsɟ

ɻ ts ɢɑʑɕʃtsɑʑɑʑɢɵʕɕʃɥɟ fɳʕɕʃ ɑʑʏsɟ ʧtɐɕʃɥɕʃɑʑɕʃɟ ɑʑɢɵʒɑʑɟ ʙʳ ɑʑsɑʑ ɕʃfɳʕɑʑ ɥɟ ɑʑɑʑsɑʑɕʃɑʑsɑʦɐ ʕɕʃɑʑ ɥɟ ɑʑɑʑsɑʦɐ ɕʃfɳfɳɸɟ ʜtsɐɢɑʑɕʃɟ ʧɢɵɥɕʃɑʑɕʃɟ ɑʑsɢɵ

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

[illegible]	% (n/N) [95% [illegible]]
[illegible] (TIMI II [illegible] III) *[illegible] TIMI [illegible]*	81,6% (102/125) [73,7%, 88,0%]
[illegible] (TIMI Ó2) [illegible]	81,6% (102/125) [73,7%, 88,0%]
[illegible] (TIMI Ó2) [illegible]	81,6% (102/125) [73,7%, 88,0%]

[illegible]

[illegible]

[illegible] 16 [illegible] (12,8%) [illegible] 18 [illegible] 4 [illegible] 3 [illegible] (CEC) [illegible] (2,4%).

[illegible]	% (n/N) [95% [illegible]]
[illegible]	2,4% (3/125)
[illegible]: [illegible]	2,4% (3/125)

[illegible]

[illegible] 90 [illegible] 2% [illegible]

[illegible]	% (n/N)
[illegible]	52,0% (65/125)
[illegible]	11,2% (14/125)
[illegible]	8,0% (10/125)
[illegible]	8,0% (10/125)
[illegible]	7,2% (9/125)
[illegible]	5,6% (7/125)
[illegible]	5,6% (7/125)
[illegible]	4,0% (5/125)
[illegible]	3,2% (4/125)
[illegible]	2,4% (3/125)
[illegible]	2,4% (3/125)
[illegible]	2,4% (3/125)
[illegible]	2,4% (3/125)
[illegible]	2,4% (3/125)

[illegible] 90 [illegible]

[illegible]	% (n/N)
[illegible]	62,4% (78/125)
[illegible]	44,0% (55/125)
[illegible]	28,8% (36/125)
[illegible]	25,6% (32/125)
[illegible]	24,8% (31/125)
[illegible]	24,8% (31/125)
[illegible]	18,4% (23/125)
[illegible]	16,0% (20/125)
[illegible]	14,4% (18/125)
[illegible]	11,2% (14/125)
[illegible]	10,4% (13/125)
[illegible]	8,0% (10/125)
[illegible]	4,0% (5/125)
[illegible]	3,2% (4/125)
[illegible]	3,2% (4/125)
[illegible]	2,4% (3/125)
[illegible]	0,8% (1/125)

[illegible]

[illegible].

[illegible]

[redacted]		[illegible]	
Rx Only		[illegible]	
[redacted]		[illegible]	
STERILE EO		[illegible]	
[redacted]		[illegible]	
[redacted]	[illegible]	[redacted]	[illegible]
[redacted]	[illegible]		[illegible]
[redacted]	[illegible]	[redacted]	[illegible]
[redacted]	[illegible]	[redacted]	[illegible]

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru

Регистрация МИ в Росздравнадзоре
www.nevacert.ru | info@nevacert.ru