NeVa™

DESIGNED FOR

FIRST-PASS SUCCESS WITH ALL CLOT TYPES

NeVa NET™ DESIGNED TO

MAXIMIZE CLOT RETENTION

VESALIO®

www.vesalio.com | #DoTheDropZone

NeVa NET™

DESIGNED TO
MAXIMIZE CLOT RETENTION

“A first pass rate in a league of its own...”
Dr Paul Bhogal, UK

Exceptional first-pass eTICI 2c-3 rates:

94%
in a standard stroke practice cohort[1]

55%
in a challenging proximal dominated cohort (>70% ICA)[2]

“A lower distal embolization rate, especially in hard clots...”
Dr Roland Schwab, Germany

Reduced fragment loss versus competitive stent retrievers:

78% reduction in small fragments (0.2 – 1 mm) vs SR1* (p = .048)[3]

*SR1: Solitaire Ref: 3

Neva™ 3mm

DROP ZONE™ TECHNOLOGY

REACHING NEW ANATOMY

Extending the reach of Vesalio's proven Drop Zone™ technology **engineered for All Clot Types**

For arteries as small as 1.5 mm **Perfect for M2, ACA & PCA occlusions**

Radial force **attuned to delicate anatomy**

A seamless, continuous structure **gliding with ease in .017" ID microcatheters**

NeVa™ SUPERIOR FIRST-PASS SUCCESS, PROVEN SAFETY[1]

DROP ZONE TECHNOLOGY™ CAPTURE CLOT INSIDE

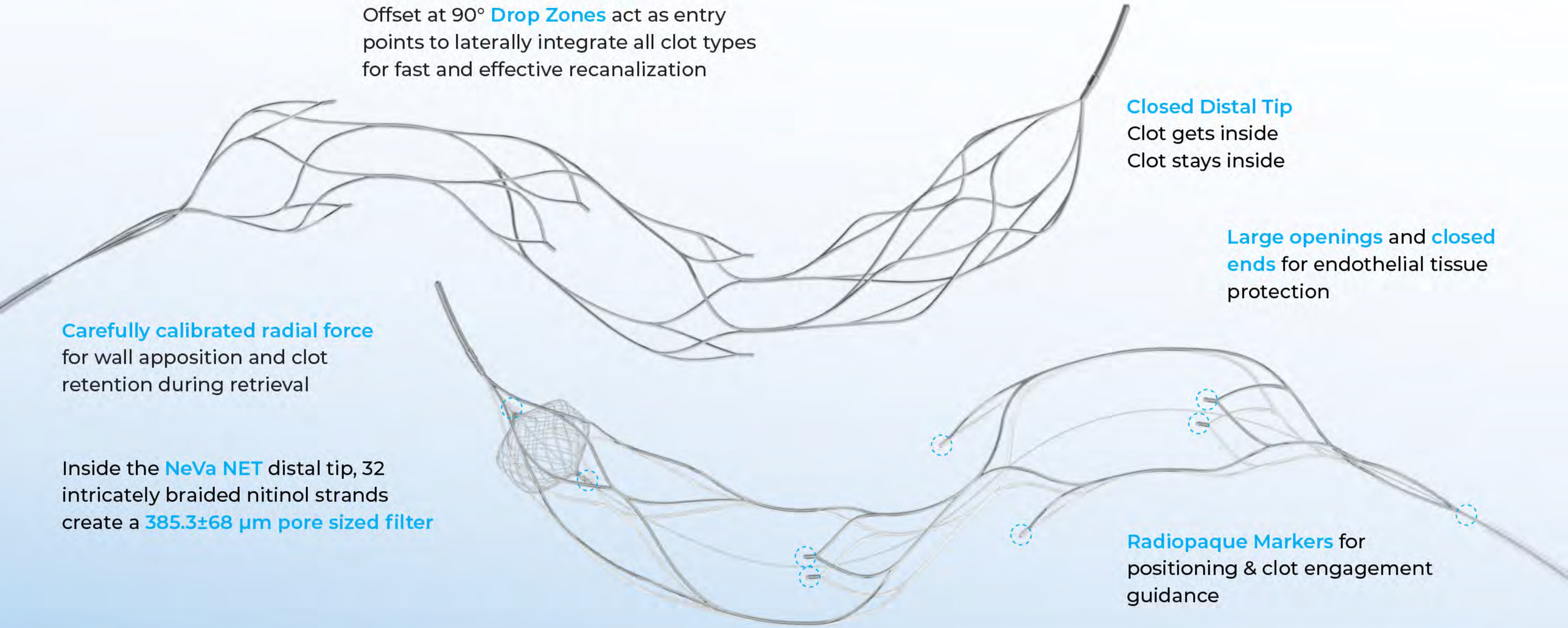
Offset at 90° **Drop Zones** act as entry points to laterally integrate all clot types for fast and effective recanalization

Closed Distal Tip
Clot gets inside
Clot stays inside

Large openings and **closed ends** for endothelial tissue protection

Carefully calibrated radial force for wall apposition and clot retention during retrieval

Inside the **NeVa NET** distal tip, 32 intricately braided nitinol strands create a **385.3±68 µm pore sized filter**



Radiopaque Markers for positioning & clot engagement guidance

Drop Zones remove
ALL CLOT TYPES
including ultra-hard, long ones[5-6]

NeVa NET first-pass TICI 2c-3 up to:
94%
in early studies[1]

NeVa first-pass TICI 2c-3 up to:
67%
in published studies
Range: 45% - 67%[7-14]

Recanalization within 3 Neva passes, with no rescue, up to:
92%
in published studies
Range: 60% - 92%[7-14]

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1. Bhogal P, et al. The NeVa Net stent-retriever – initial report of 20 cases from two high-volume centres. Acta Neurochirurgica. 2025 Jul.

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Prescription use only. Please see www.vesalio.com for indications for use, contraindications, warnings, precautions, and potential adverse events. For complete information, including detailed instructions for use, please refer to the Instructions for use.

Product Name	Product Code	Maximal Diameter (mm)	Working Length (mm)	Full Length (mm)	No. of Drop Zones	Recommended Vessel diameter (Ø mm)	Min. MC ID	Pusher Wire (cm)
NeVa 3.0 x 17	VN-3017-32RR	3.0	17	30	2	≥ 1.5 and ≤ 3.0	0.017"	200
NeVa 4.0 x 22	30020V-MS	4.0	22	39	2	≥ 2.0 and ≤ 3.5	0.021"	200
NeVa 4.5 x 29	VN-4529-03RR	4.5	29	46	3	≥ 2.0 and ≤ 4.5	0.021"	200
NeVa 5.5 x 37	VN-5537-03RR	5.5	37	56	3	≥ 3.5 and ≤ 5.5	0.027"	200
NeVa NET 4.0 x 30	VN-4030-03NR	4.0	30	49	3	≥ 2.0 and ≤ 3.5	0.021"	200
NeVa NET 5.5 x 37	VN-5537-03NR	5.5	37	56	3	≥ 3.5 and ≤ 5.5	0.027"	200

NeVa™

SUPERIOR FIRST PASS SUCCESS

SUCCESSFUL FIRST-PASS RECANALIZATION eTICI 2B-3

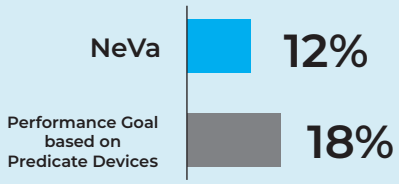
(mITT, n = 107, Superiority on the Performance Goal, p = 0.0008)

SUCCESSFUL FIRST-PASS RECANALIZATION eTICI 2C-3

(mITT, n = 107, Numerically higher than both predicates: ARISE 2: 40%, TIGER: 41.4%)

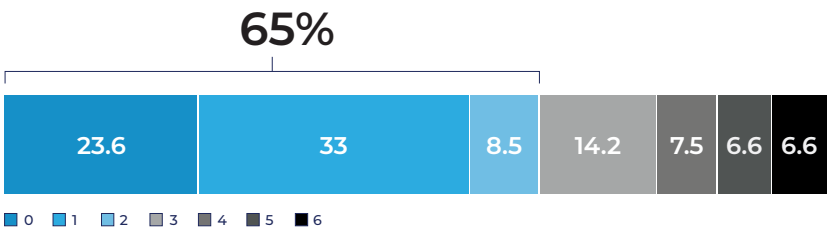
COMPOSITE PRIMARY SAFETY ANALYSIS

90-DAY ALL-CAUSE MORTALITY AND /OR POST PROCEDURE sICH (ITT, n = 139)



CLINICAL OUTCOMES

90-DAY MRS 0-2 (mITT, n = 106, vs. performance goal: 54.7%, p = 0.03)



Yoo AJ, et al. Primary results from the CLEAR study of a novel stent retriever with drop zone technology, JNIS, 2023

NeVa NET™

MAXIMIZE CLOT RETENTION

SIGNIFICANTLY BETTER AT PREVENTING CLOT FRAGMENTS FROM EMBOLIZING DISTAL TERRITORIES[1,2]

28% – 63% LESS
FRAGMENTS > 1 MM
GENERATED VS. SOLITAIRE
P = .003[1] ; P = .037[2]

24% LESS
FRAGMENTS > 1 MM
GENERATED VS. EMBOTRAP
P = .003[1]

78% LESS
FRAGMENTS 0.2 - 1 MM
GENERATED VS. SOLITAIRE
P = .0048[2]

EXCEPTIONAL RECANALIZATION SUCCESS[3,4]

RECANALIZATION RATES FROM INITIAL MULTI-CENTER EXPERIENCE

NEVA NET 5.5 MM
51 PATIENTS FROM 2 EUROPEAN SITES[3]:

- 71% ICA occlusions
- Mean Clot Length: 25.1 +/- 13.3 mm (range 4–50 mm)

55%
FIRST-PASS
TICI 2C-3

79%
FIRST-PASS
TICI 2B-3

98%
FINAL
TICI 2B-3

NEVA NET 4.0 MM
20 PATIENTS FROM 2 EUROPEAN SITES[4]:

- 50% M1, 40% ICA occlusions
- 70% with hyperdense clot
- Mean Clot Length: 21.6 +/- 8.9 mm

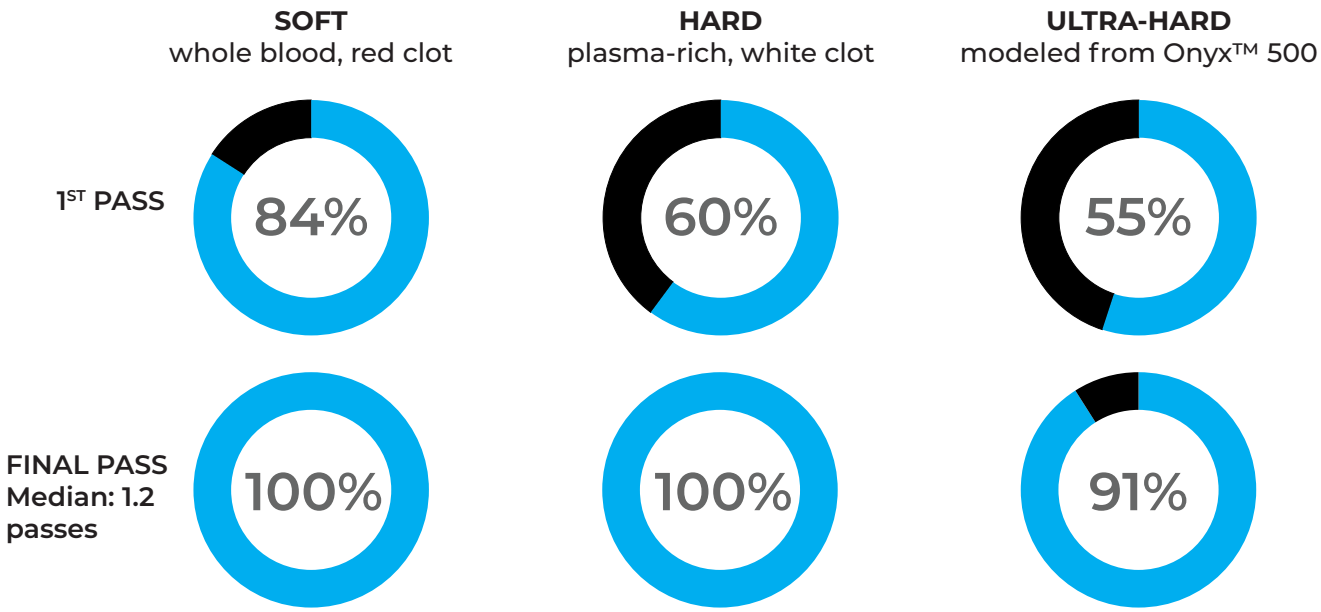
94%
FIRST-PASS (& FINAL)
TICI 2C-3

1.Li J, et al. Impact of stent-retriever tip design on distal embolization during mechanical thrombectomy: a randomized in vitro evaluation, JNIS, 2023
2.Anagnostakou V, et al. Preclinical safety and efficacy of the NeVa NET™: A novel thrombectomy device with integrated embolic distal protection: Preclinical safety and efficacy of the NeVa NET™, JVIN, 2023
3.Schwab et al., First clinical multicenter experience of the new NeVa NET 5.5 thrombectomy device, J NeuroIntervent Surg, 2025
4.Bhogal P. et al., The NeVa Net stent-retriever – initial report of 20 cases from two high volume centres, Acta Neurochirurgica, 2025

NeVa™ DROP ZONE™ TECHNOLOGY

EFFECTIVE IN RETRIEVING ALL CLOT TYPES

NEVA SUCCEEDS WITH ALL CLOT TYPES[1]



NEVA SUCCEEDS WHERE OTHER STENT RETRIEVERS FAIL[2,3]

ALL TESTED DEVICES FAILED IN REMOVING LARGE (> 6 MM), WHITE THROMBI[2]

Solitaire*
Trevo
Embotrap*
Preset*
Preset LT
Catch*
Eric
Separator 3D
...**

* These devices were able to minimally displace clots without removing them,

** The list of devices that failed is incomplete

0%

NEVA SUCCEEDED WHERE ALL OTHERS FAILED[3]

60%

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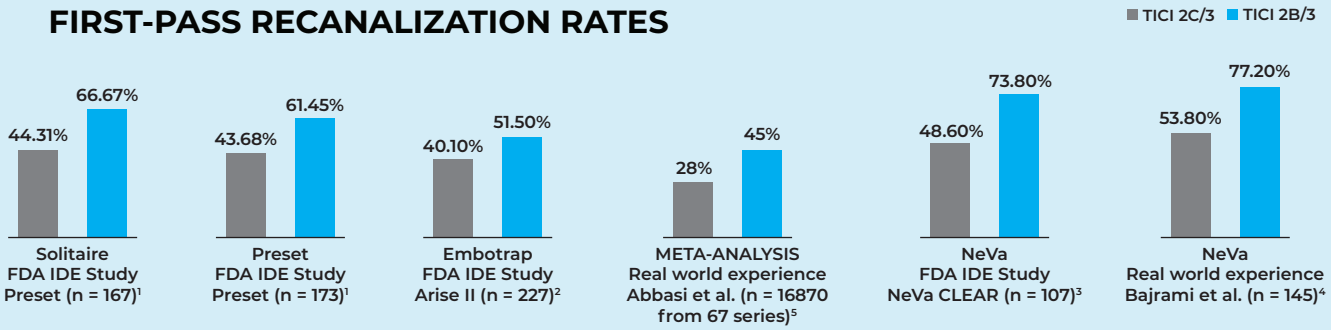
2.Machi P, et al. Experimental evaluation of stent retrievers' mechanical properties and effectiveness, JNIS, 2016
3.Machi P, et al. Experimental evaluation of the NeVa™ thrombectomy device a novel stent retriever conceived to improve efficacy of organized clot removal. J Neuroradiology, 2019

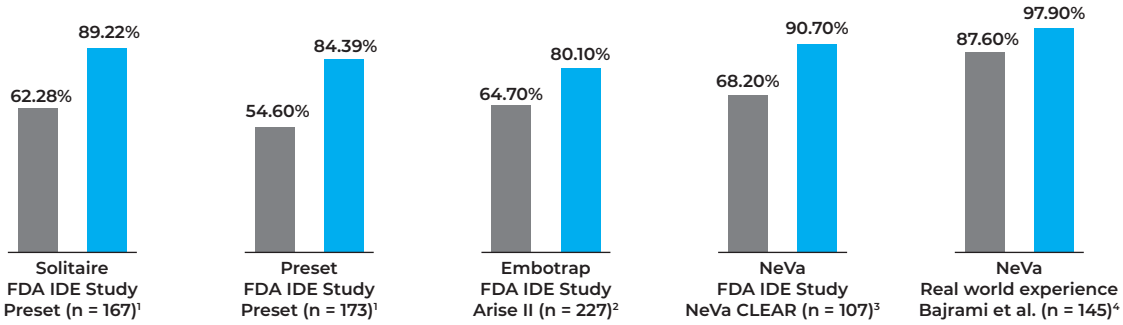
NeVa™

EFFECTIVE RECANALIZATION
IN FIRST LINE USE

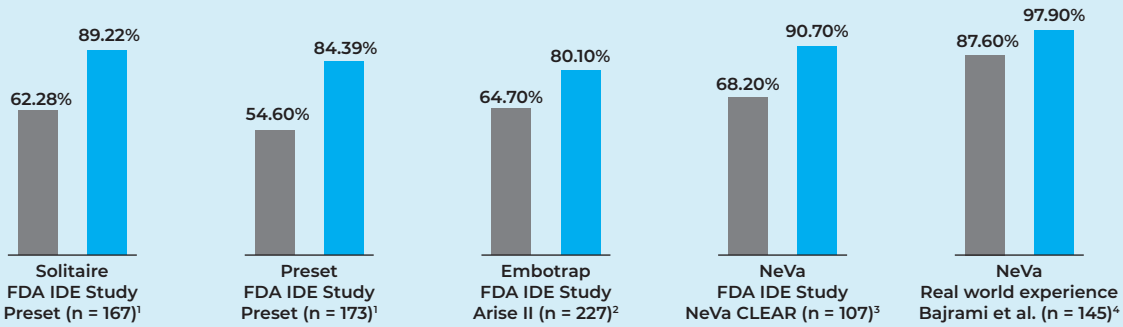
FIRST-PASS RECANALIZATION RATES



RECANALIZATION AFTER 2-3 PASSES – WITHOUT RESCUE



FINAL RECANALIZATION RATES



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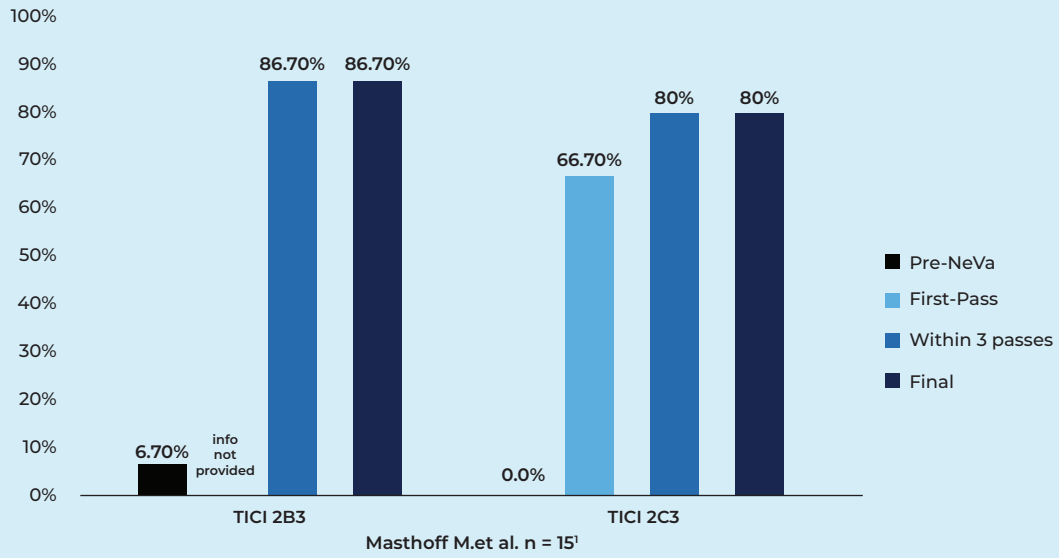
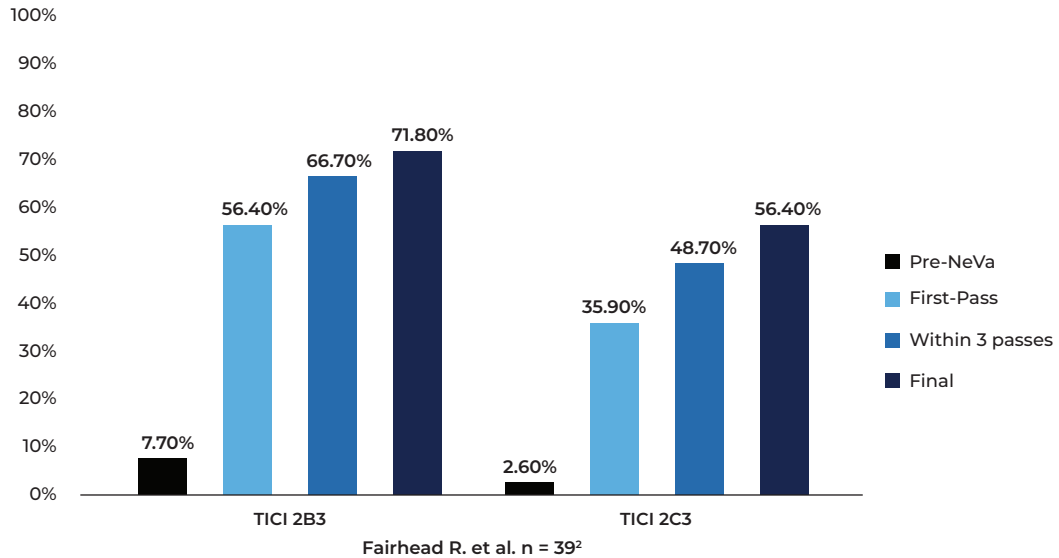
NeVa™

SIGNIFICANT IMPACT IN RESCUE

SIGNIFICANT IMPROVEMENT WAS OBSERVED WITH NEVA AS A RESCUE DEVICE AFTER FAILED INITIAL ATTEMPTS



Masthoff M.et al. n = 15[1]



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