

ACC・Amgen との連携プロジェクト

# G2P-LIPID 試験

Implementation Science × Registry Based Clinical Trial

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On behalf of J-PCI Registry Committee

## **Conflict of interest: Hirohiko Ando**



the Japanese Association of  
Cardiovascular Intervention and Therapeutics  
COI Disclosure

Proctoring Fee / Speaker Honoraria: Amgen, Terumo, Aboott

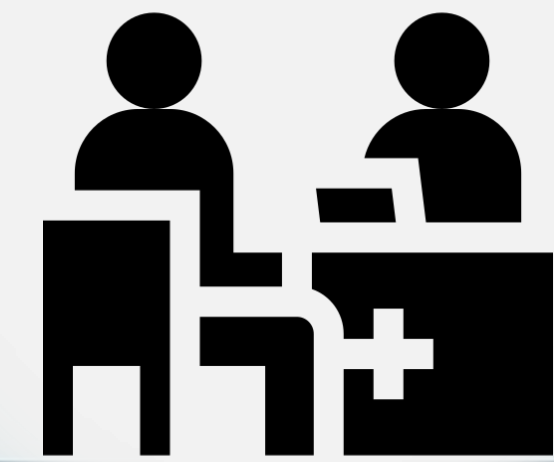
# Implementation Science

What should be done



**G**uideline

What is being done



**P**ractice



**GAP**

# Implementation Science

## 2024 ESC Guideline

Recommendations	Class <sup>a</sup>	Level <sup>b</sup>
Lipid-lowering treatment with an LDL-C goal of <1.4 mmol/L (55 mg/dL) and a ≥50% reduction in LDL-C vs. baseline is recommended. <sup>64,670,671</sup>	I	A

Guideline



Practice

# Implementation Science

## 2018 JCS Guideline

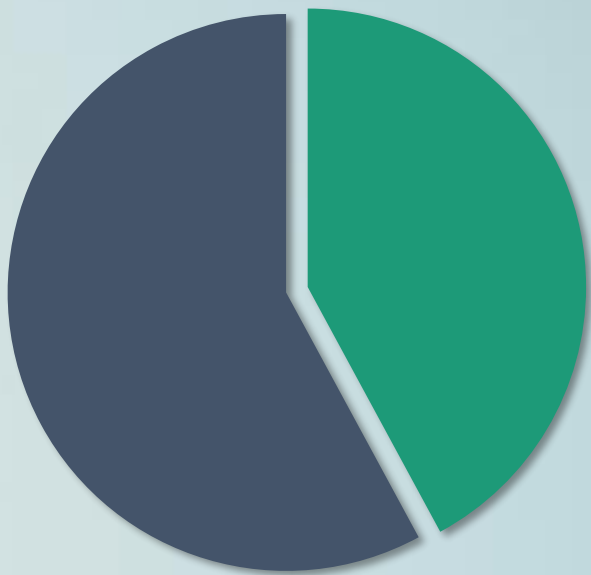
	推奨 クラス	エビデンス レベル
ストロング・スタチンを，忍容可能な 最大用量で投与する <sup>563-574)</sup>	I	A

Guideline

## STOPDAPT-2 ACS

*Circ J* 2023;87:657-668

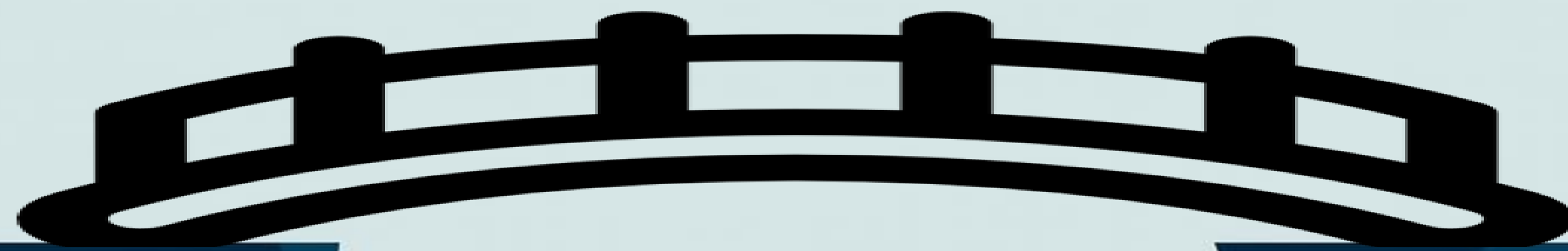
On Target **42.1%**



Practice



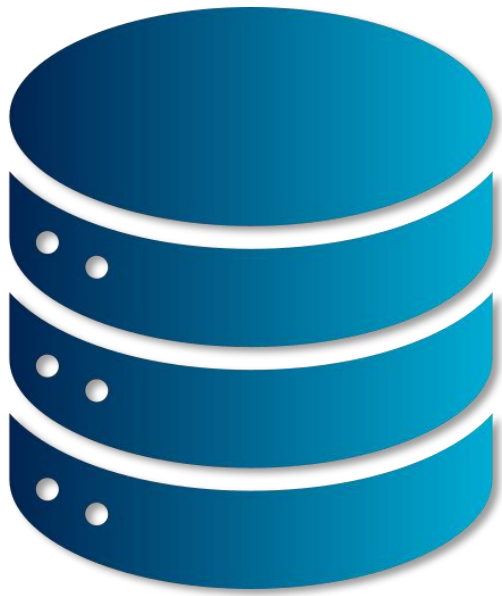


# Implementation Science



**G**uideline

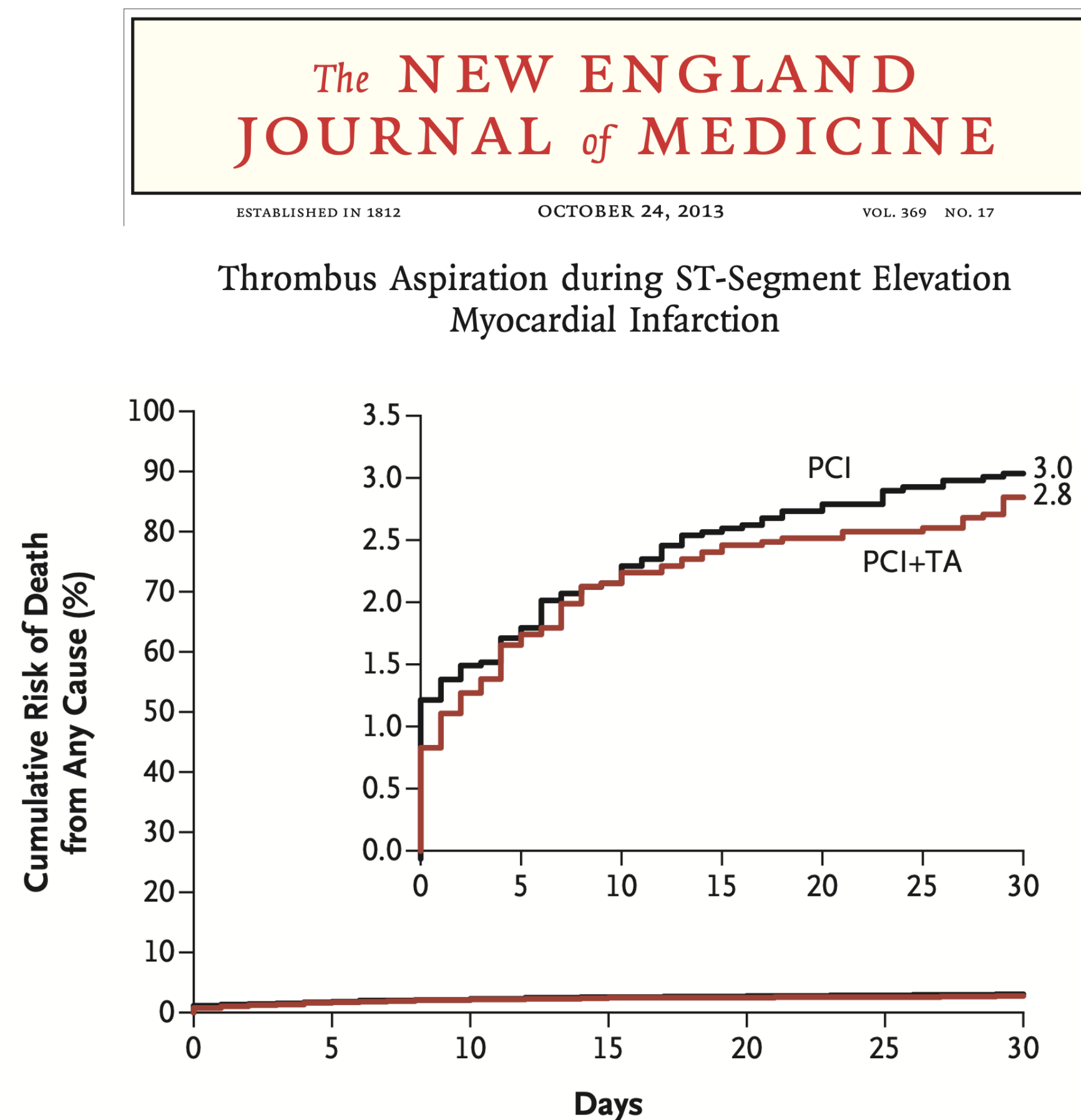
**P**ractice

# Registry-Based Clinical Trial

	<div>Registry Study</div> <div></div>	<div>Randomized Clinical Trial</div> <div></div>	<div>Registry-Based Clinical Trial</div> <div></div>
Enrollment	⊙	△	⊙
Data Quality	△	⊙	○
Bias	△	⊙	○
Generalizability	⊙	○	⊙
Cost	⊙	△	○
Feasibility	⊙	△	⊙

# Registry-Based Clinical Trial

## TASTE trial



### PATIENT POPULATION

We enrolled trial participants from the national comprehensive Swedish Coronary Angiography and Angioplasty Registry (SCAAR), which is part of the Internet-based Swedish Web System for Enhancement and Development of Evidence-based Care in Heart Disease Evaluated According to Recommended Therapies (SWEDEHEART) registry<sup>16</sup> (see the Supplementary Appendix for details).



# Implementation Science × Registry-Based Clinical Trial

## G2P-LIPID trial

Guideline-to-Practice Implementation Trial  
for Lipid Management after PCI

- ✓ Implementation Science to Bridge G2P Gap
- ✓ J-PCI Registry–Based Clinical Trial
- ✓ Cluster Randomized Controlled Trial Design

# *Thank you*



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