

# International Audit & Feedback MetaLab Meeting: Putting A&F into real world practice

# QUALITY MATTERS FOR PATIENTS WITH ACUTE CORONARY SYNDROME: DESIGN OF A NOVEL AUDIT & FEEDBACK INITIATIVE TO PROMOTE EQUITY, TRANSPARENCY, AND TIMELY DELIVERY OF HIGH-QUALITY CARE

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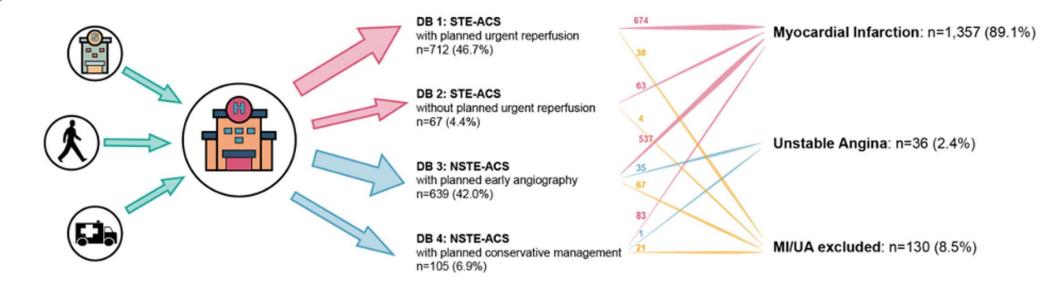
# openheart Clinical governance programme in patients with acute coronary syndrome: design and methodology of a quality improvement initiative

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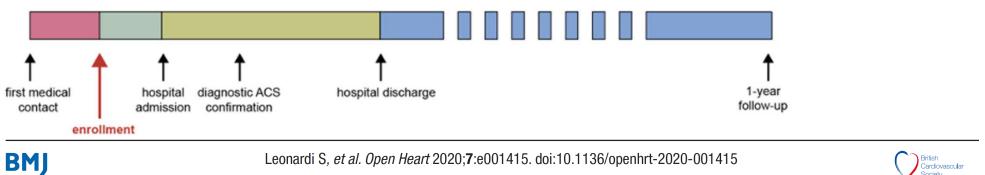




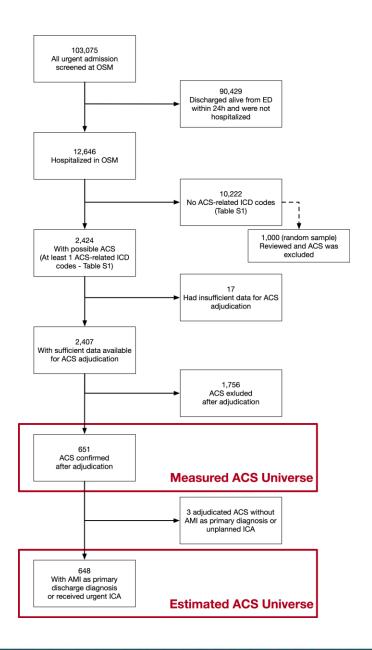




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Importantly, consecutive enrolment will be verified and quantified by the concordance with corresponding hospital administrative records using diagnosis-related group (DRG) codes of ACS. Specifically, according to the protocol of the Italian National Agency for Regional <u>Services—AGE.NA.S</u> (https://pne.agenas.it/ <u>Health</u> risultati/protocolli/pro\_1.pdf), which is charged to describe hospital-level outcome in Italy, DRG codes related to ACS will be used to identify the totality of hospital-level patients with MI or UA (denominator) against the enrolled patients with a final diagnosis of MI or UA (numerator) as so to quantify the proportion of consecutive patients.



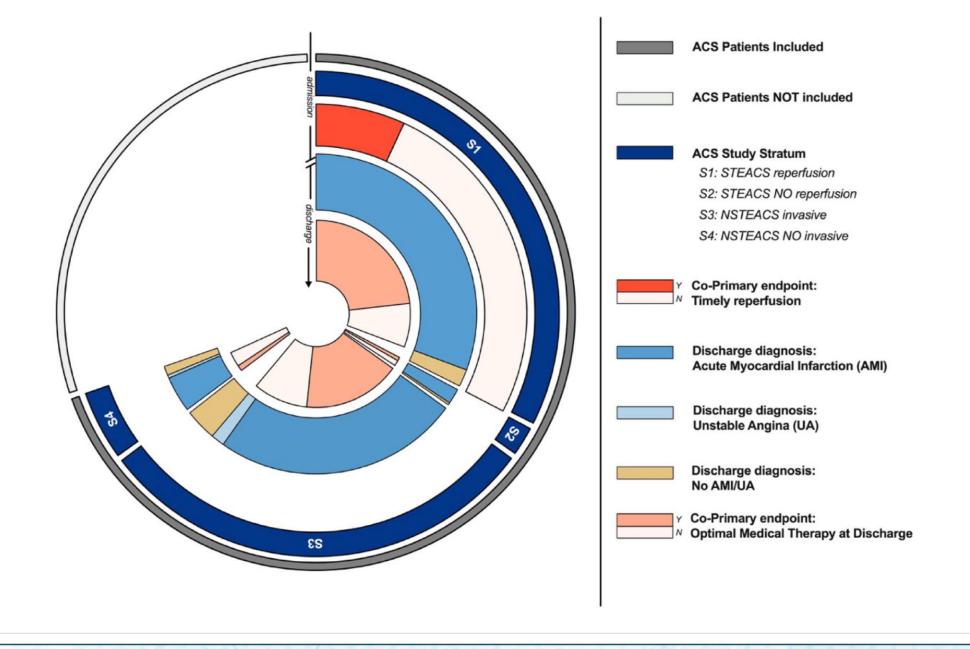
European Heart Journal: Acute Cardiovascular Care (2022) **00**, 1–9 https://doi.org/10.1093/ehjacc/zuac106

# Clinical governance of patients with acute coronary syndromes

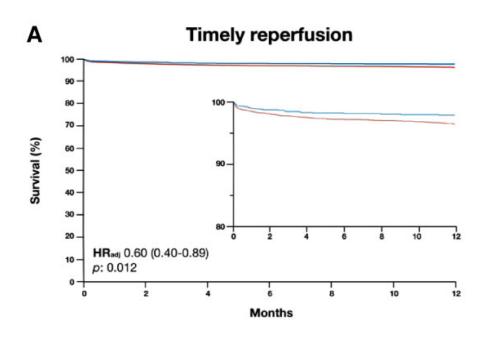
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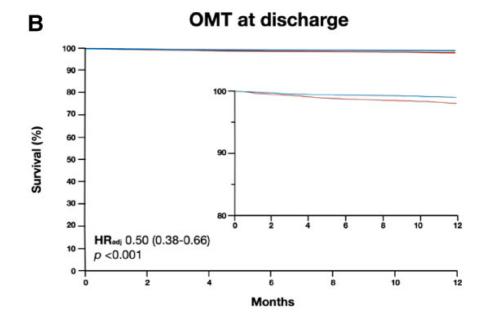
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# Co-Primary Quality Indicators



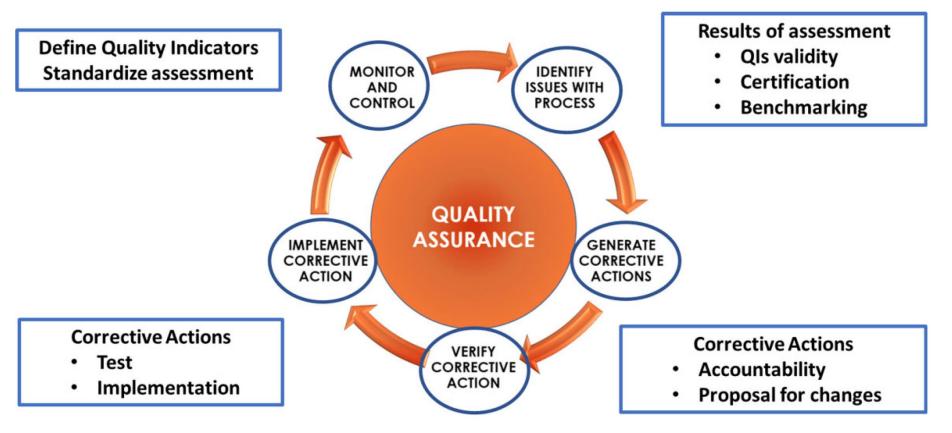




# 2020 Update of the quality indicators for acute myocardial infarction: a position paper of the Association for Acute Cardiovascular Care: the study group for quality indicators from the ACVC and the NSTE-ACS guideline group

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### After the success of 'quality indicators' season 1,





Direzione generale della ricerca e dell'innovazione in sanità

PNRR: M6/C2\_CALL 2023 Letter of intent

Project Code: PNRR-MCNT2-2023-12377015 Call section: Malattie Croniche non Trasmissibili (MCnT2) ad alto impatto sui sistemi sanitari

Applicant Institution: Fondazione Policlinico San Applicant/PI Co

Matteo

Applicant/Pl Coordinator: Leonardi Sergio

#### **Operative Units**

·					
Institution that perform as UO	CF Institution	Department / Division / Laboratory	Role in the project	Southern Italy	SSN
1 - Fondazione Policlinico San Matteo	00303490189	Dipartimento Cardio-Toraco- Vascolare/Cardiologia 1	U01		Х
2 - Agenzia Nazionale per i Servizi Sanitari Regionali (AGENAS)	97113690586	UOC Ricerca	UO2		
3 - Azienda Ospedaliera Sant'Anna e San Sebastiano	02201130610	Dipartimento Cardio-Toraco- Vascolare	UO3	Х	Х
4 - Azienda Ospedaliera Universitaria Gaetano Martino	03051890832	Dipartimento Cardio-Toraco- Vascolare	UO4	Х	Х
5 (self-financing) - ASL Roma 1, Lazio Regional Health Service	13664791004	Department of Epidemiology	UO5		

**Finanziato** 

dall'Unione europea

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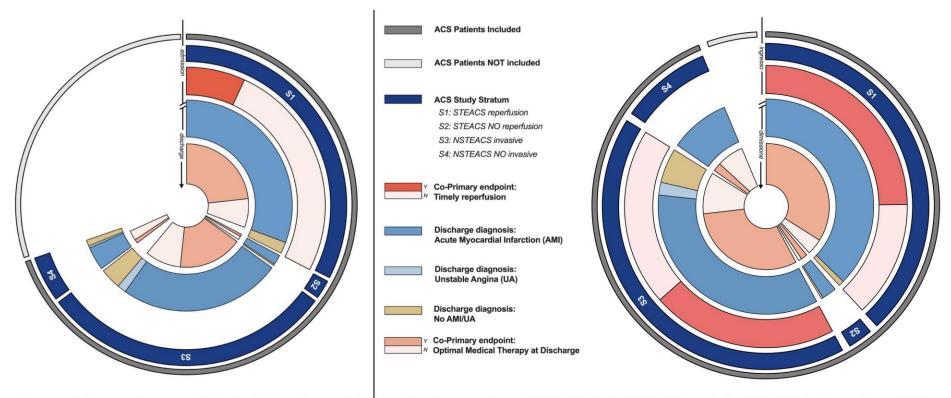
# Hypothesis

- Public online reporting every 6 months of actionable indicators of quality for the diagnosis and therapy in patients with ACS followed by hospital-tailored feedback interventions is feasible, could reduce diagnostic and therapeutic inertia, and be associated with improved patient outcomes.
  - To promote equity, we will verify that consecutive inclusion
    of the estimated totality of patients admitted with ACS in
    each participating hospital is measured and quantified via a
    dedicated metric, the consecutive index.

# Implications of ICD Coding Integration on Consecutive Inclusion

**NO CRF-integrated ICD Codes for screening** 

Systematic screening via integrated ICD Codes



Adapted from Leonardi S et al. Eur Heart J Acute Cardiovasc Care 2022;11(11):797-805. doi: 10.1093/ehjacc/zuac106.



**Preliminary Results** 

HTTPS://ATBV.IT/



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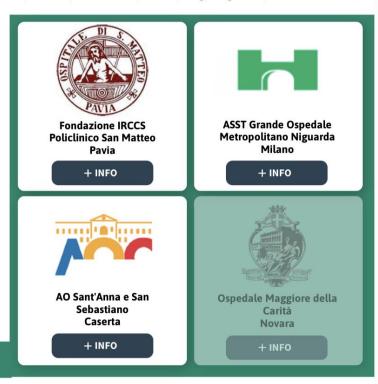
Conta

3

La Qualità Conta

Iniziativa aperta di audit e feedback clinico multicentrico, in collaborazione con le S.C Qualità e risk management dei centri partecipanti, con il coinvolgimento di interlocutori diversi tra cui AGENAS, società scientifiche (ATBV), associazione di cittadini (ConaCuore).





Un controllo semestrale della qualità



### **FINALITÀ**

Generare e pubblicare ogni sei mesi, sul sito istituzionale degli ospedali coinvolti e di ATBV, indicatori di qualità consolidati in patologie ad alta prevalenza, tra cui:

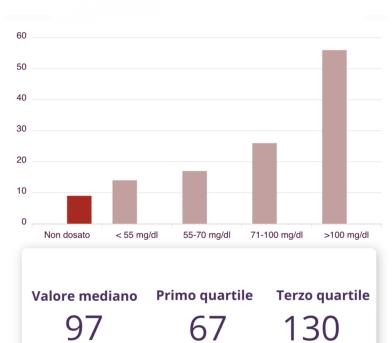
### **TEMPISTICHE**

Focus iniziale sull'opportunità per migliorare l'inerzia diagnostica e terapeutica nella gestione del LDL-C.

I dati sono riportati semestralmente

# Measuring Diagnostic Inertia: LDL-C at Discharge









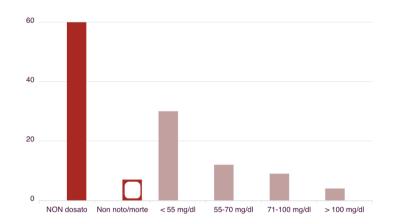




# Measuring Diagnostic Inertia: LDL-C at 6 months



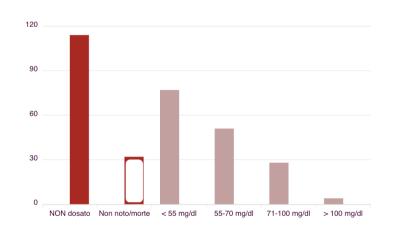








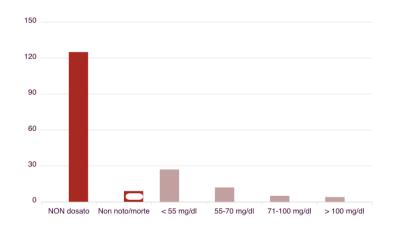






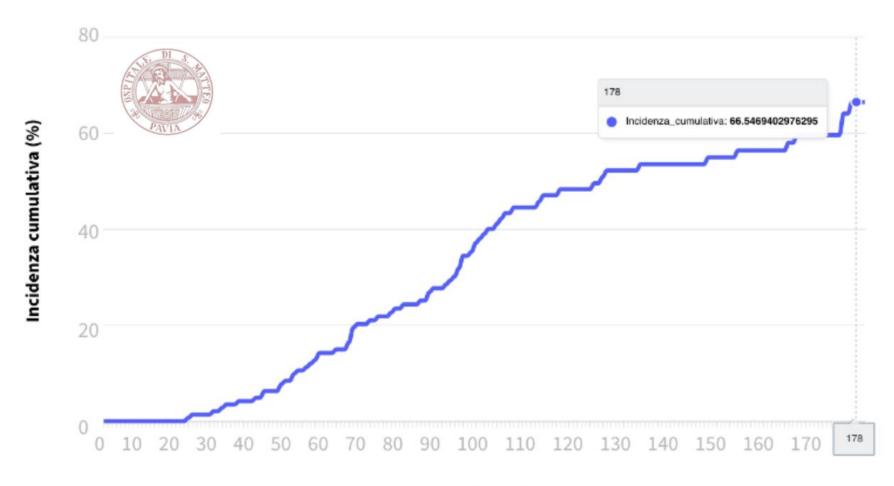






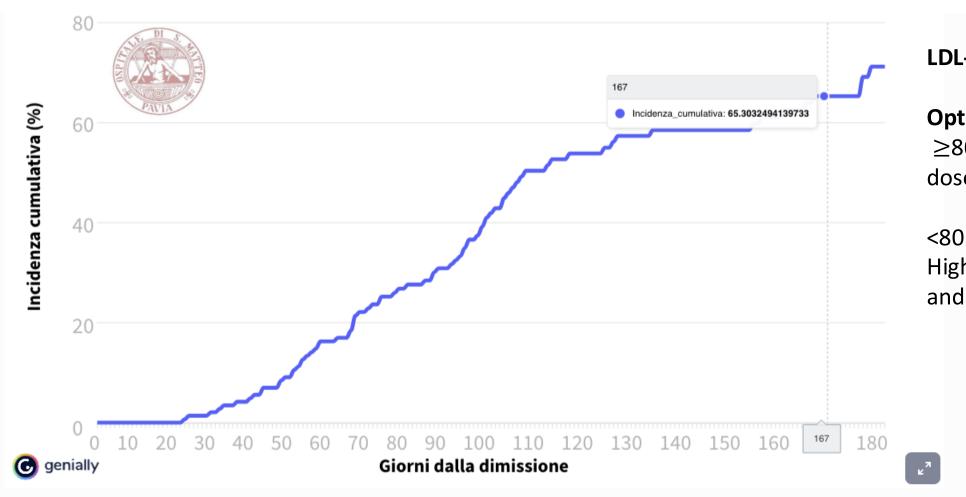


# Time to LDL-C target (< 55 mg/dL)



Giorni dalla dimissione

### Time to LDL-C Target or Optimal Lipid Lowering Therapy

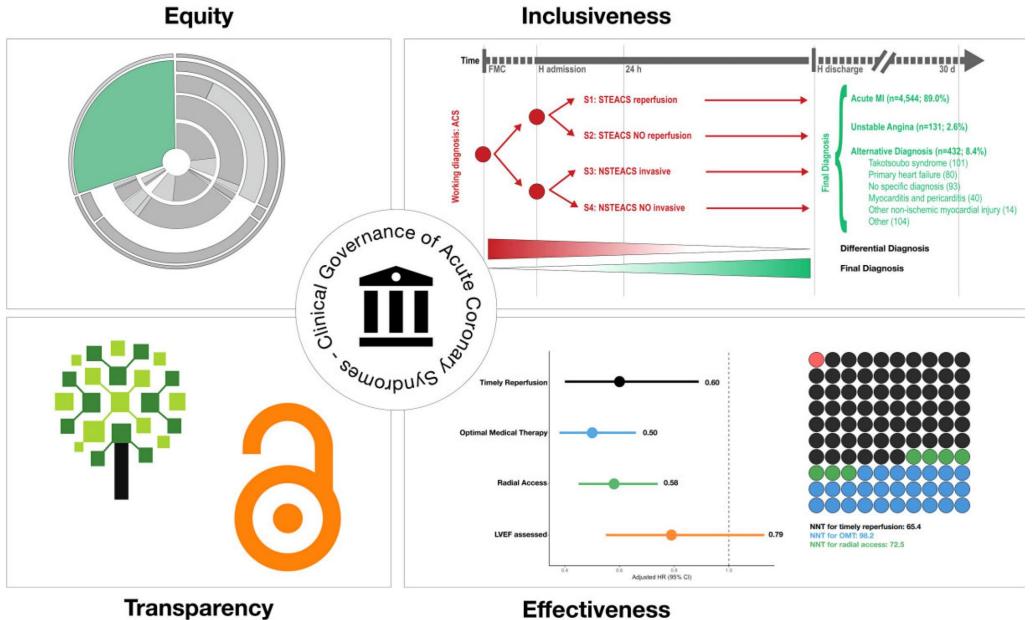


LDL-C target: <55 mg/dL

#### **Optimal LLT**:

≥80 y or LDL-C <70: high dose statin and ezetimibe.

<80 y and LDL-C≥70: High dose statin, ezetimibe, and PCSK9i.



**Effectiveness** 

# Implications and Impact

 We will assess if a collaborative and open A&F initiative of clinicians, epidemiologists, and health regulators could synergistically drive quality improvement by promoting transparency, equity, accountability, and public awareness.

 This model could improve ACS care in our hospitals, may inform future iterations of the PNE, and potentially contribute to transform health care delivery in Italy.



### **GRAZIE**

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