



CONGRESSO  
NAZIONALE  
IRC 2  22

TRAUMA: NUOVE EVIDENZE E PERCORSI

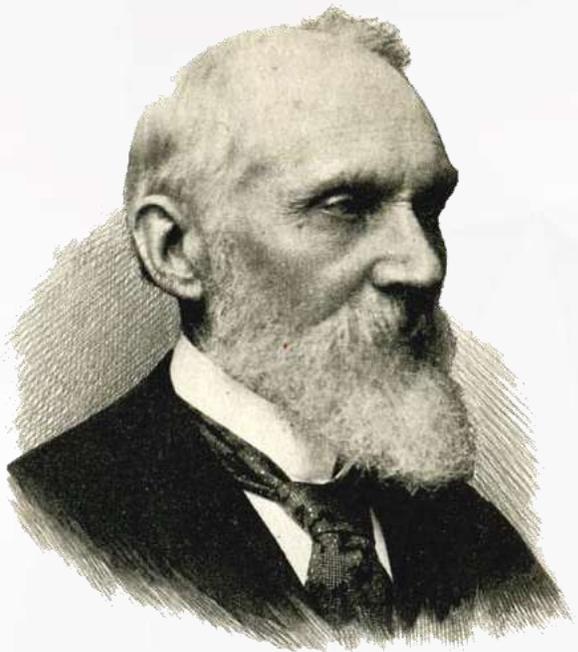
AUDITORIUM DELLA TECNICA • ROMA • 14-15 OTTOBRE



Italian  
Resuscitation  
Council

# ARRESTO CARDIACO IN ITALIA

Alberto Cucino, MD  
[alberto.cucino@gmail.com](mailto:alberto.cucino@gmail.com)



*«**When you can measure** what you are speaking about, **and express it in numbers, you know something about it**; but when you cannot measure it, when you cannot express it in numbers, your knowledge is of a meagre and unsatisfactory kind.»*

# Science

## Reality doesn't exist until you measure it, quantum parlor trick confirms

Two players leverage quantum rules to achieve a seemingly telepathic connection

20 JUL 2022 · 5:50 PM · BY [ADRIAN CHO](#)





## EPIDEMIOLOGIA 2021

# 5 MESSAGGI PRINCIPALI



## 1. REGISTRI

- I sistemi sanitari dovrebbero avere dei registri di popolazione per monitorare l'incidenza, il case-mix, il trattamento e gli esiti dell'arresto cardiaco
- I registri dovrebbero aderire alle raccomandazioni Utstein

## 2. ARRESTO CARDIACO EXTRA OSPEDALIERO (OHCA)

- I dati dei registri dovrebbero fornire informazioni al sistema sanitario al fine di migliorare la risposta all'arresto cardiaco
- Sono incoraggiati a partecipare al Registro Europeo



# WRITTEN DECLARATION

14 June 2012

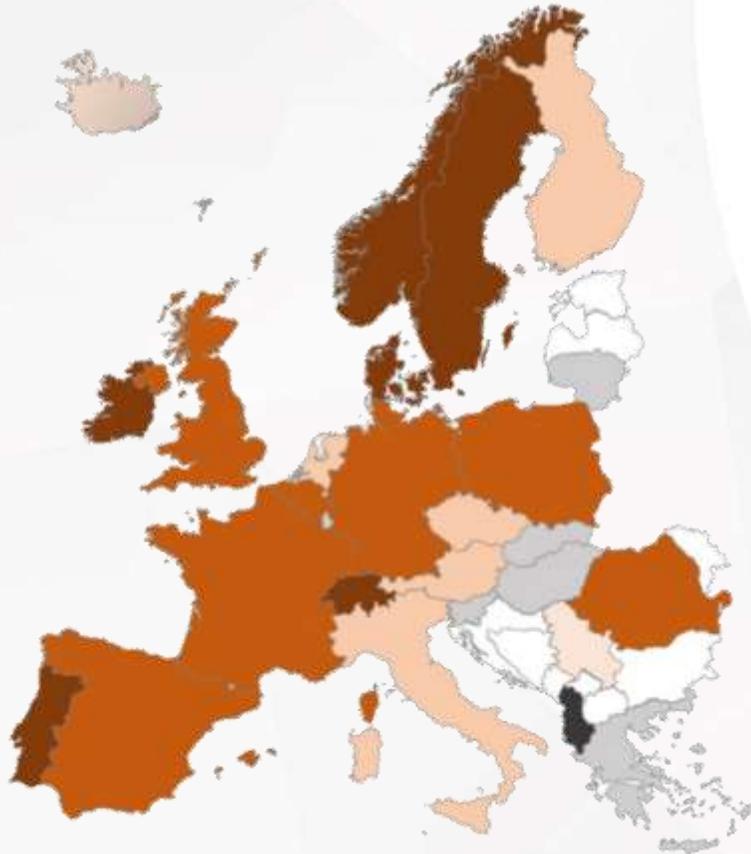


1. Calls on the Commission and the Council to **encourage**:

- the adoption of **common programmes** for implementing AED in public places and training lay people in all Member States,
- the **adjustment of legislation** in order to facilitate CPR and defibrillation by non- medical persons,
- **systematic data collection for feedback and quality management in every programme**;

2. Calls on the Commission and the Member States to establish a **European cardiac arrest awareness week** aimed at improving the awareness and education of the general public, physicians and healthcare professionals.

# Epidemiologia dell'arresto cardiaco in Europa



«L'effettiva incidenza di OHCA in Europa è sconosciuta.»



Resuscitation 105 (2016) 188–195

Contents lists available at [ScienceDirect](#)



ELSEVIER

## Resuscitation

journal homepage: [www.elsevier.com/locate/resuscitation](http://www.elsevier.com/locate/resuscitation)



EUROPEAN  
RESUSCITATION  
COUNCIL

Clinical paper

**EuReCa ONE—27 Nations, ONE Europe, ONE Registry**  
A prospective one month analysis of out-of-hospital cardiac arrest  
outcomes in 27 countries in Europe<sup>☆</sup>



RESUSCITATION 148 (2020) 218 –226



ELSEVIER

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

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EUROPEAN  
RESUSCITATION  
COUNCIL

Clinical paper

**Survival after out-of-hospital cardiac arrest in  
Europe - Results of the EuReCa TWO study**



INCIDENZA ANNUA DI ARRESTO CARDIACO EXTRAOSPEDALIERO 84 E 56 100,000 ABITANTI RISPETTIVAMENTE



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Resuscitation  
Council



# An Italian story...

# An Italian story...

Epidemiology and survival rate of out-of-hospital cardiac arrest in north-east Italy: The F.A.C.S. study

1998

**Tripling Survival From Sudden Cardiac Arrest Via Early Defibrillation Without Traditional Education in Cardiopulmonary Resuscitation**  
Alessandro Capucci, Daniela Aschieri, Massimo F. Piepoli, Gust H. Bardy, Efrosini Iconomu and Massimo Agosti

2002

Emergency system prospective performance evaluation for cardiac arrest in Lombardia, an Italian region  
G. Citerio <sup>a,\*</sup>, D. Galli <sup>a</sup>, G.C. Cesana <sup>b</sup>, M. Bosio <sup>c</sup>, M. Landriscina <sup>d</sup>, M. Raimondi <sup>e</sup>,

2002

**Increased survival despite a reduction in out-of-hospital ventricular fibrillation in north-east Italy**<sup>☆,☆☆</sup>

2007

New treatment bundles improve survival in out-of-hospital cardiac arrest patients: A historical comparison<sup>☆</sup>  
Leonello Avalli <sup>a,\*</sup>, Tommaso Mauri <sup>b</sup>, Giuseppe Citerio <sup>a</sup>, Maurizio Migliari <sup>a</sup>, Anna Coppo <sup>a</sup>, Matteo Caresani <sup>d</sup>, Barbara Marcora <sup>a</sup>, Gianpiera Rossi <sup>a,c</sup>, Antonio Pesenti <sup>a,b,c</sup>

2014

# An Italian story...

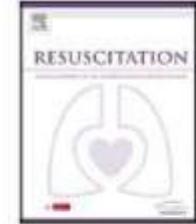
Resuscitation 85 (2014) e193–e194



Contents lists available at ScienceDirect

Resuscitation

journal homepage: [www.elsevier.com/locate/resuscitation](http://www.elsevier.com/locate/resuscitation)



## Letter to the Editor

The "Italian Registry of Cardiac Arrest – RIAC", a National achievement to portrait the Italian reality and to contribute to the wider European vision by "EuReCa"



hospital intensive care units. We are confident that the National implementation of RIAC will arise over time and will lead to improvements in quality of care and outcome, as results of data comparisons. Moreover, our expectancies are that the routine use of RIAC will consolidate a powerful tool for a systematic data col-

## Comitato coordinatore e scientifico

Erga Cerchiari, *Bologna*

Giovanni Gordini, *Bologna*

Tommaso Pellis, *Pordenone*

Giuseppe Ristagno, *Milano*

Giulio Radeschi, *Torino*

Federico Semeraro, *Bologna*



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# Registro Italiano Arresti Cardiaci



## Registro Italiano Arresti Cardiaci Italian Resuscitation Council

Login

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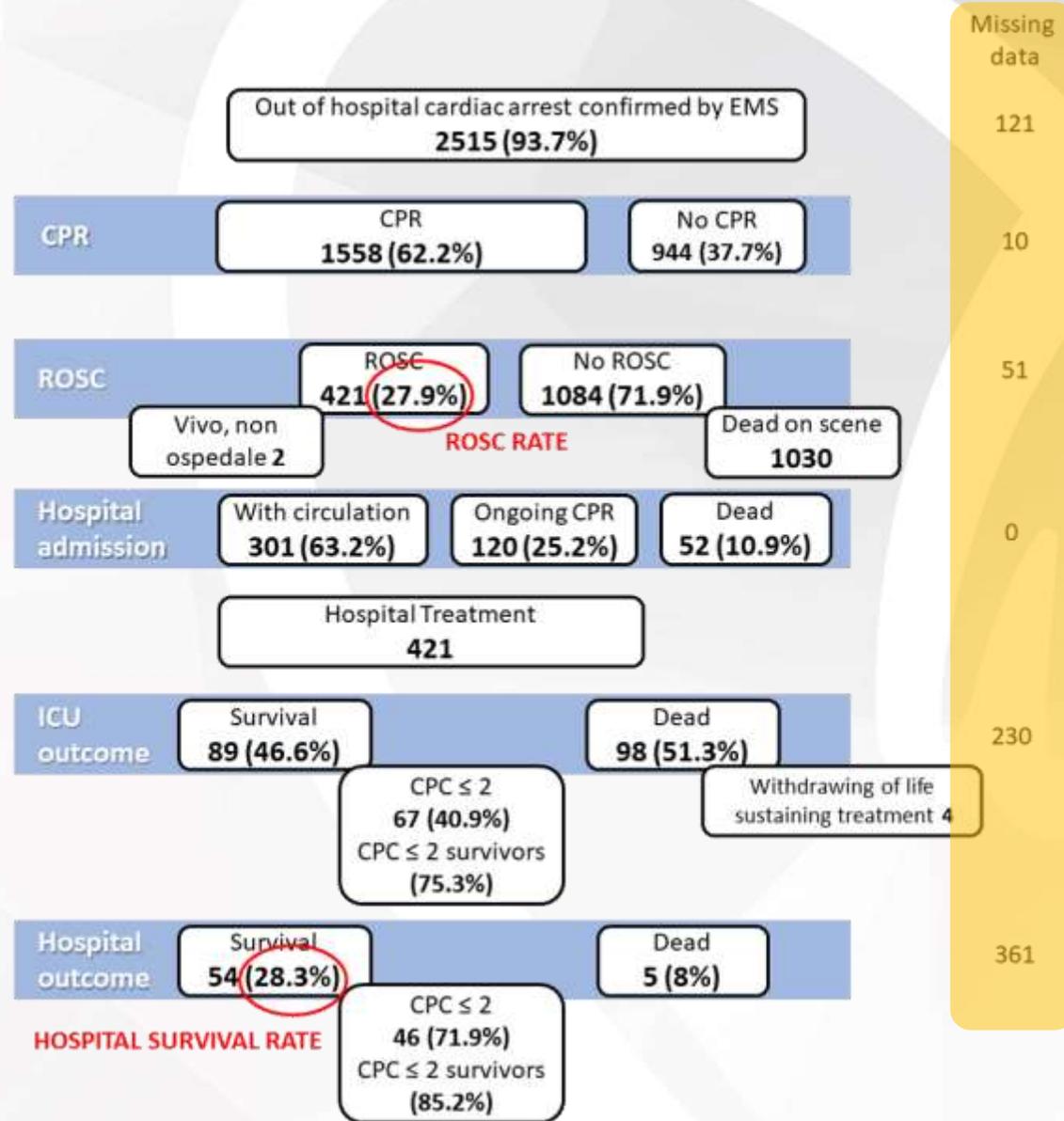
In collaborazione con:



16 centri da 7 regioni

**ROSC rate**  
**32,7%**

**Hospital survival rate**  
**26,4%**

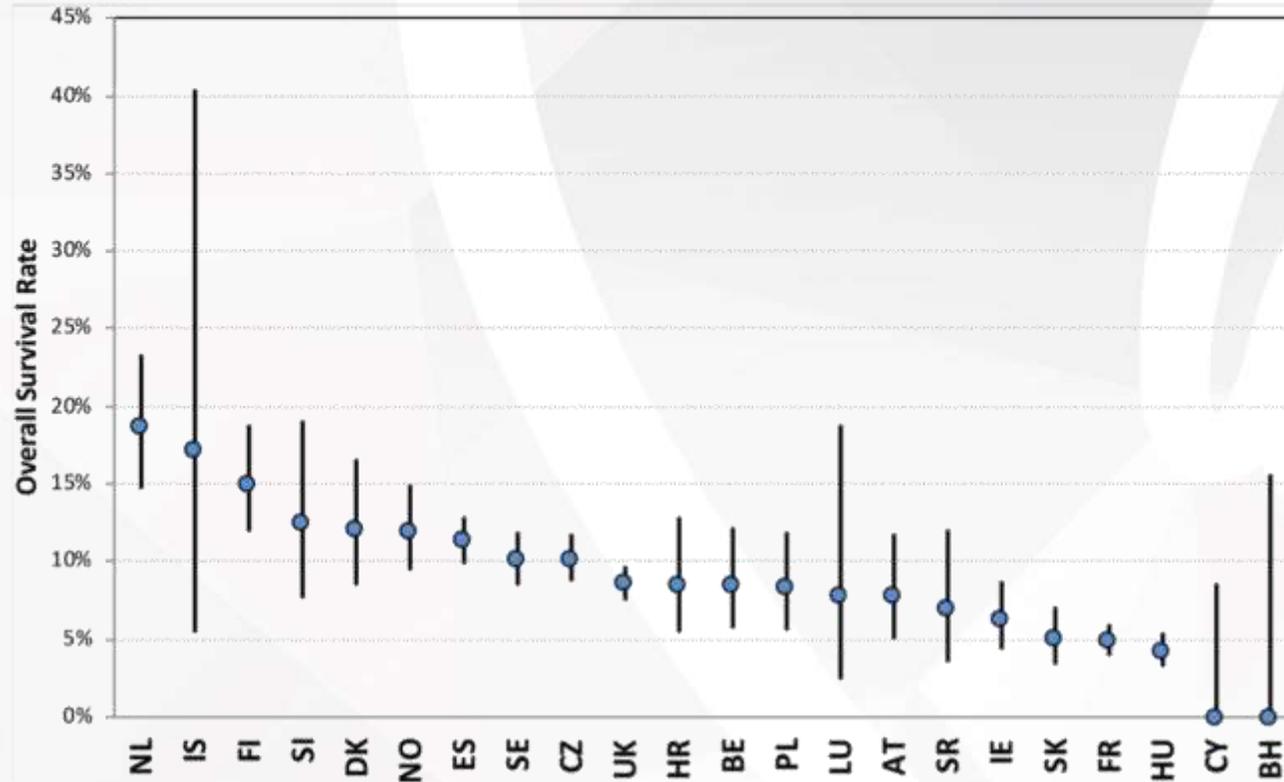


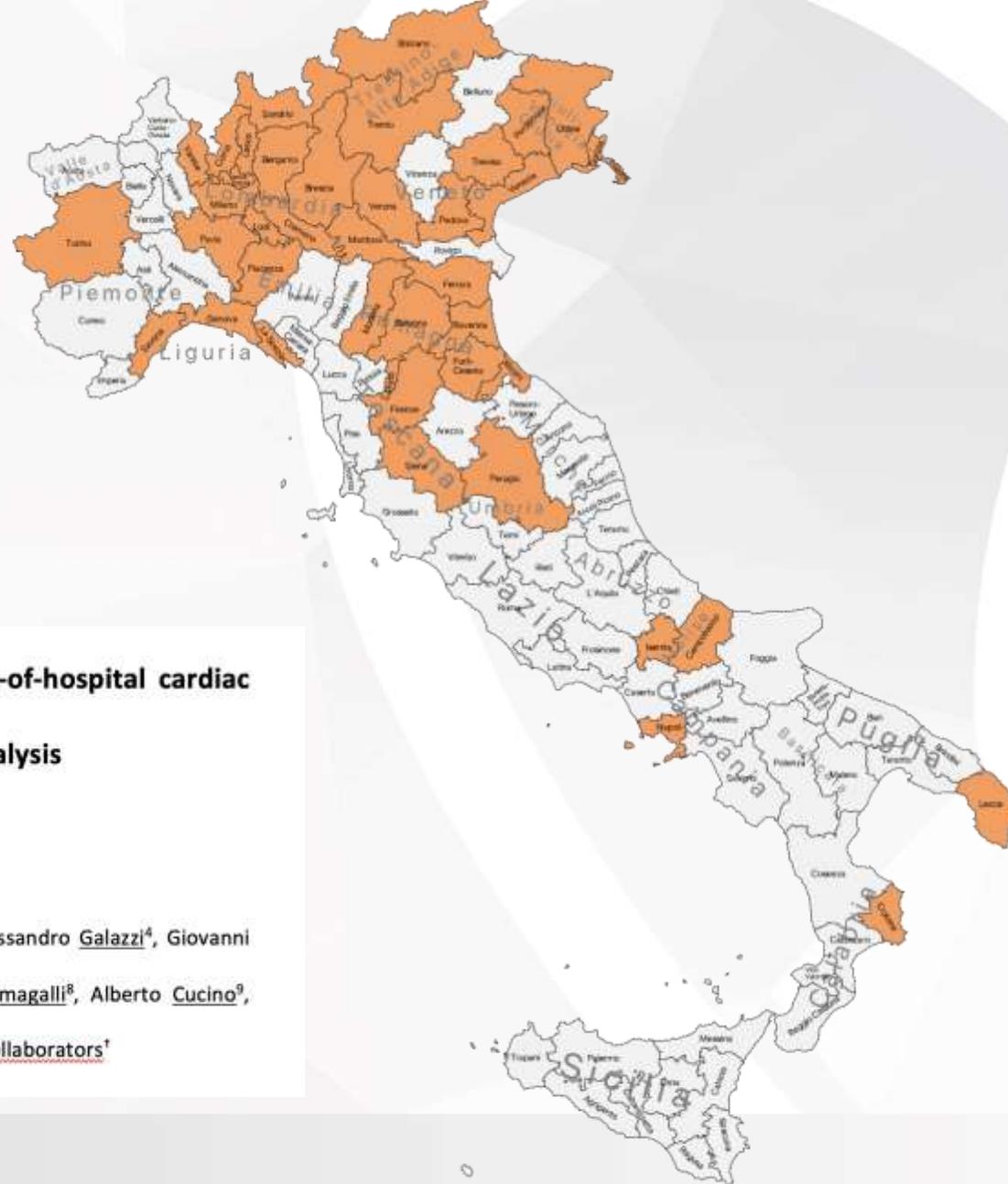
# Italy?



Clinical paper

### Survival after out-of-hospital cardiac arrest in Europe - Results of the EuReCa TWO study





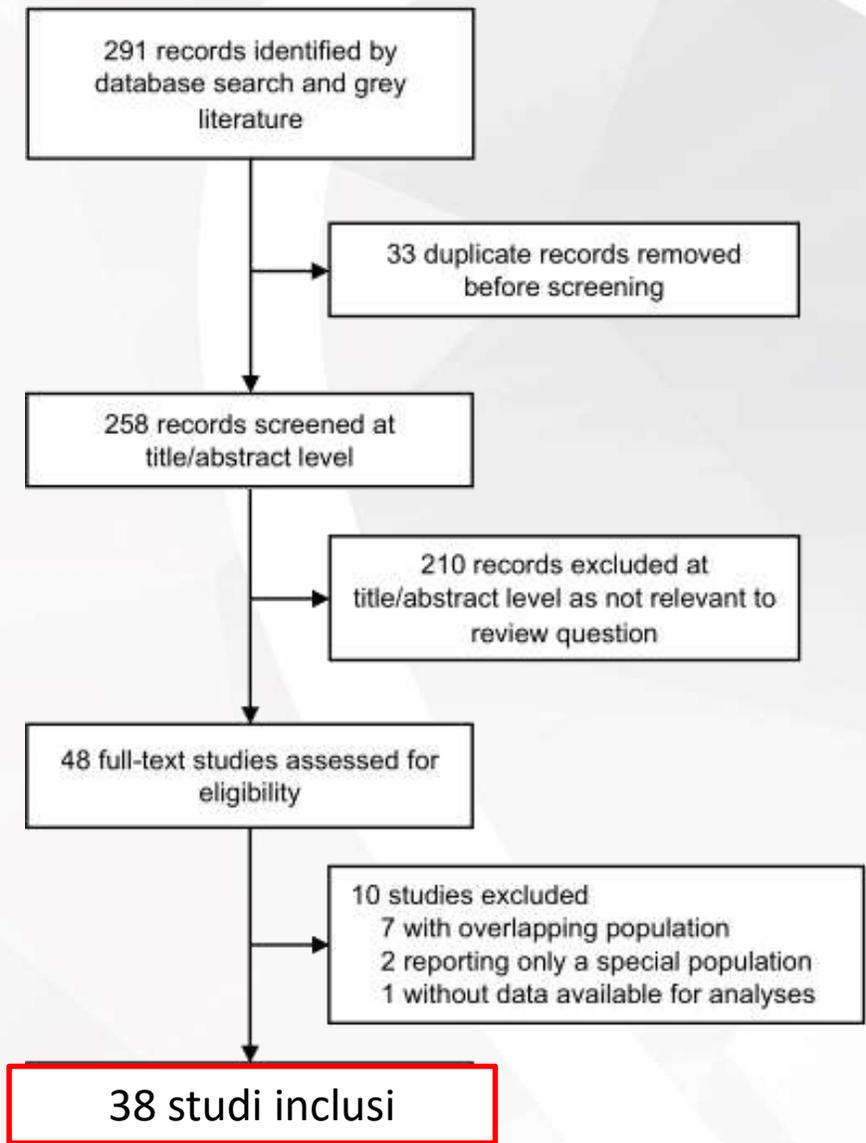
Dati da 13 regioni

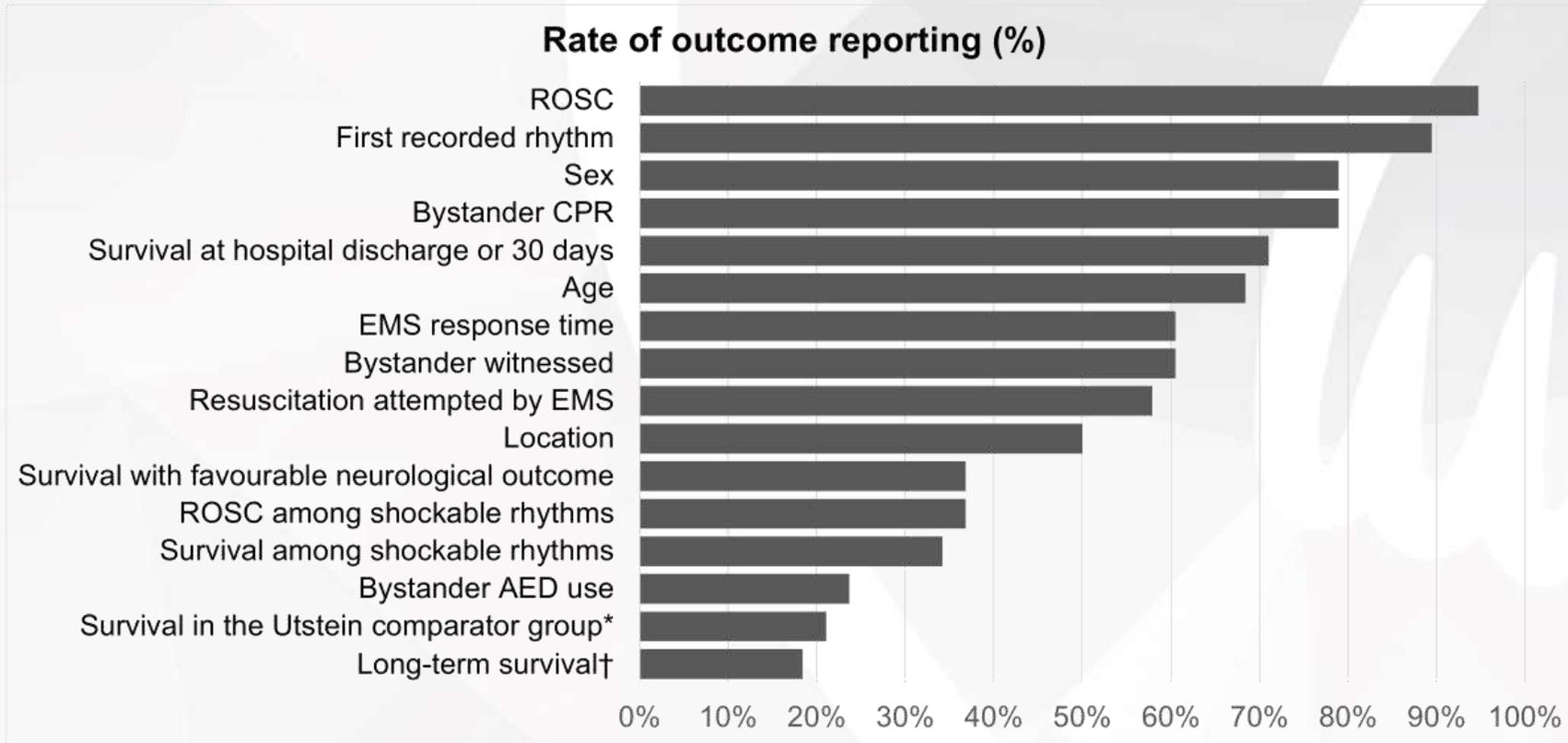
**Incidence, characteristics, and outcome of out-of-hospital cardiac arrest in Italy: A systematic review and meta-analysis**

**Authors**

Tommaso Scquizzato<sup>1</sup>, Lorenzo Gamberini<sup>2</sup>, Sonia D'Arrigo<sup>3</sup>, Alessandro Galazzi<sup>4</sup>, Giovanni Babini<sup>5</sup>, Rosario Losiggio<sup>1</sup>, Guglielmo Imbriaco<sup>6,7</sup>, Francesca Fumagalli<sup>8</sup>, Alberto Cucino<sup>9</sup>, Andrea Scapigliati<sup>3</sup>, Giuseppe Ristagno<sup>5,10</sup>, Federico Semeraro<sup>2</sup>, Collaborators<sup>†</sup>

Submitted data





# CONCLUDENDO

- INCIDENZA DI ARRESTO CARDIACO 87/100.000 ABITANTI/ANNO
- RCP iniziata da astanti nel 30% dei casi
- RARO l'uso dell'DAE
- ROSC 19% (52% nei defibrillabili)
- SOPRAVVIVENZA 1/10

- Difficile integrazione dati fra extra-H e in-H
- Raccolta consenso informato
- Armonizzazione sistemi diversi

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**2.0**

**WORK**

*In progress...*

# Italian Resuscitation Council

 [ircouncil.it](http://ircouncil.it)