



CONGRESSO
NAZIONALE
IRC 2  22

TRAUMA: NUOVE EVIDENZE E PERCORSI

AUDITORIUM DELLA TECNICA • ROMA • 14-15 OTTOBRE

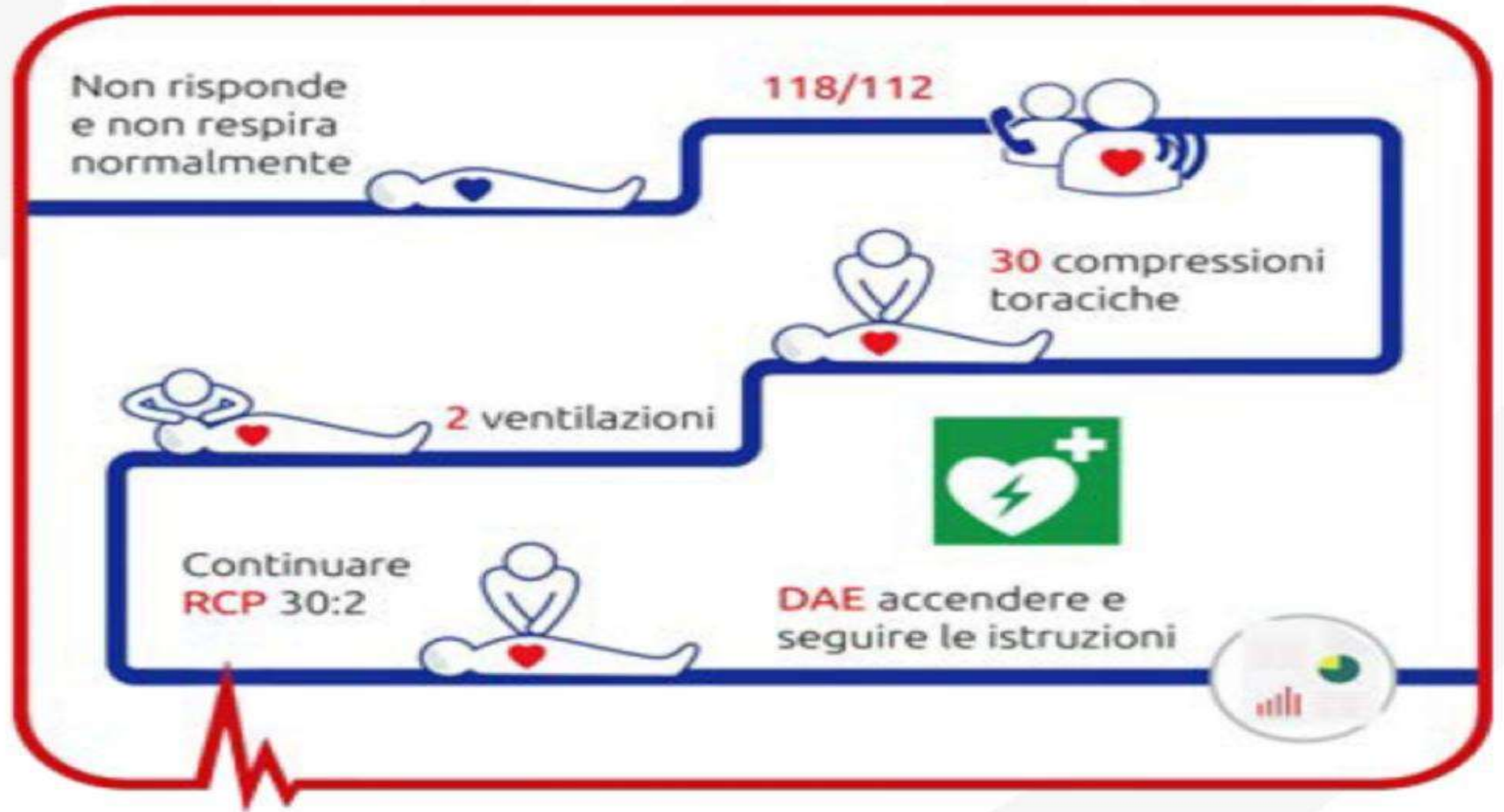


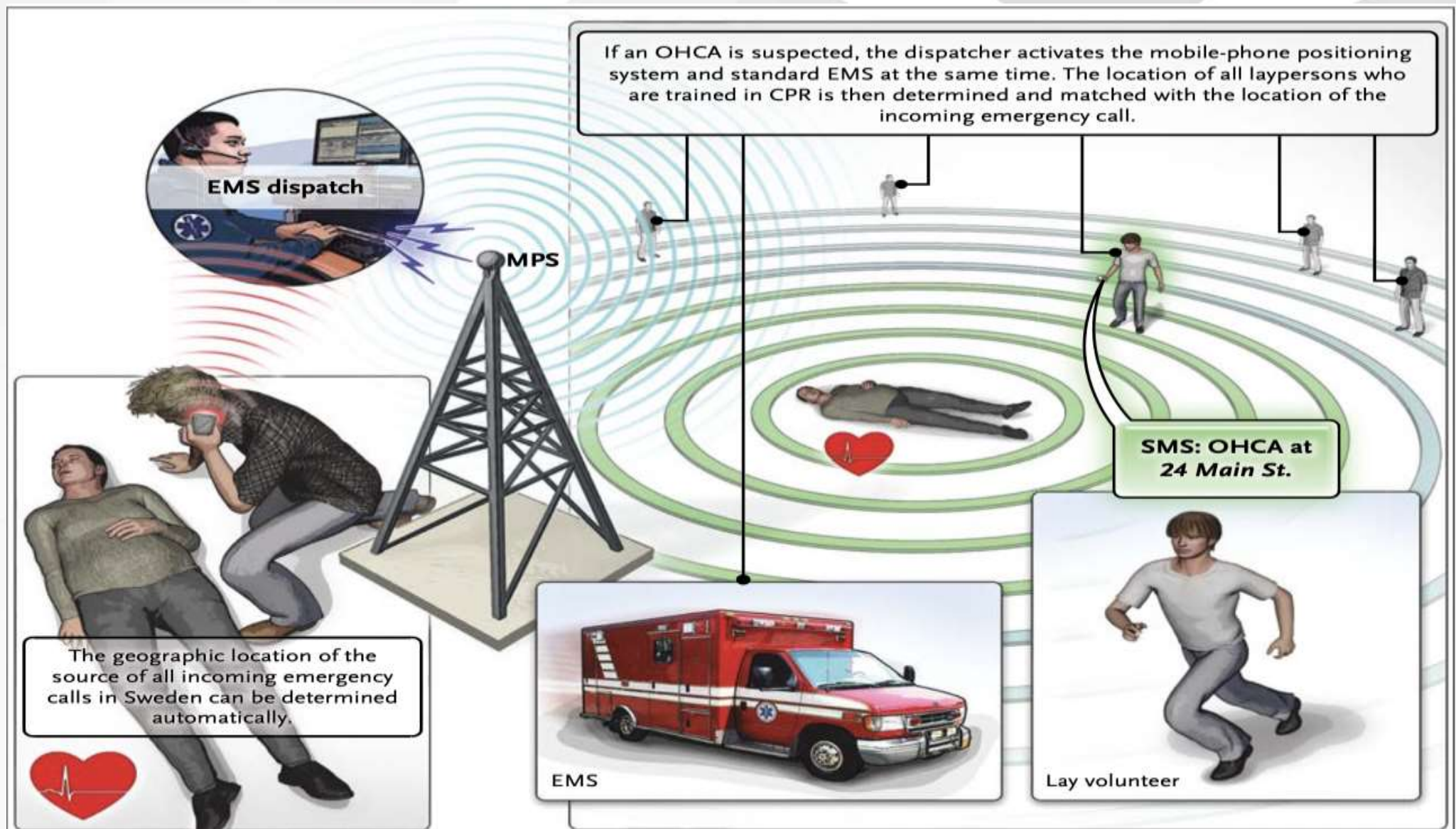
Italian
Resuscitation
Council

OBIETTIVO NO-FLOW ZERO: ruolo della comunità e della centrale operativa

Samantha Di Marco







Mattias Ringh, M.D., «*Mobile-Phone Dispatch of Laypersons for CPR in Out-of Hospital Cardiac Arrest*» N Engl J Med 2015;372:2316-25.

Association of Bystander Cardiopulmonary Resuscitation and Survival According to Ambulance Response Times After Out-of-Hospital Cardiac Arrest

Shahzleen Rajan, MD

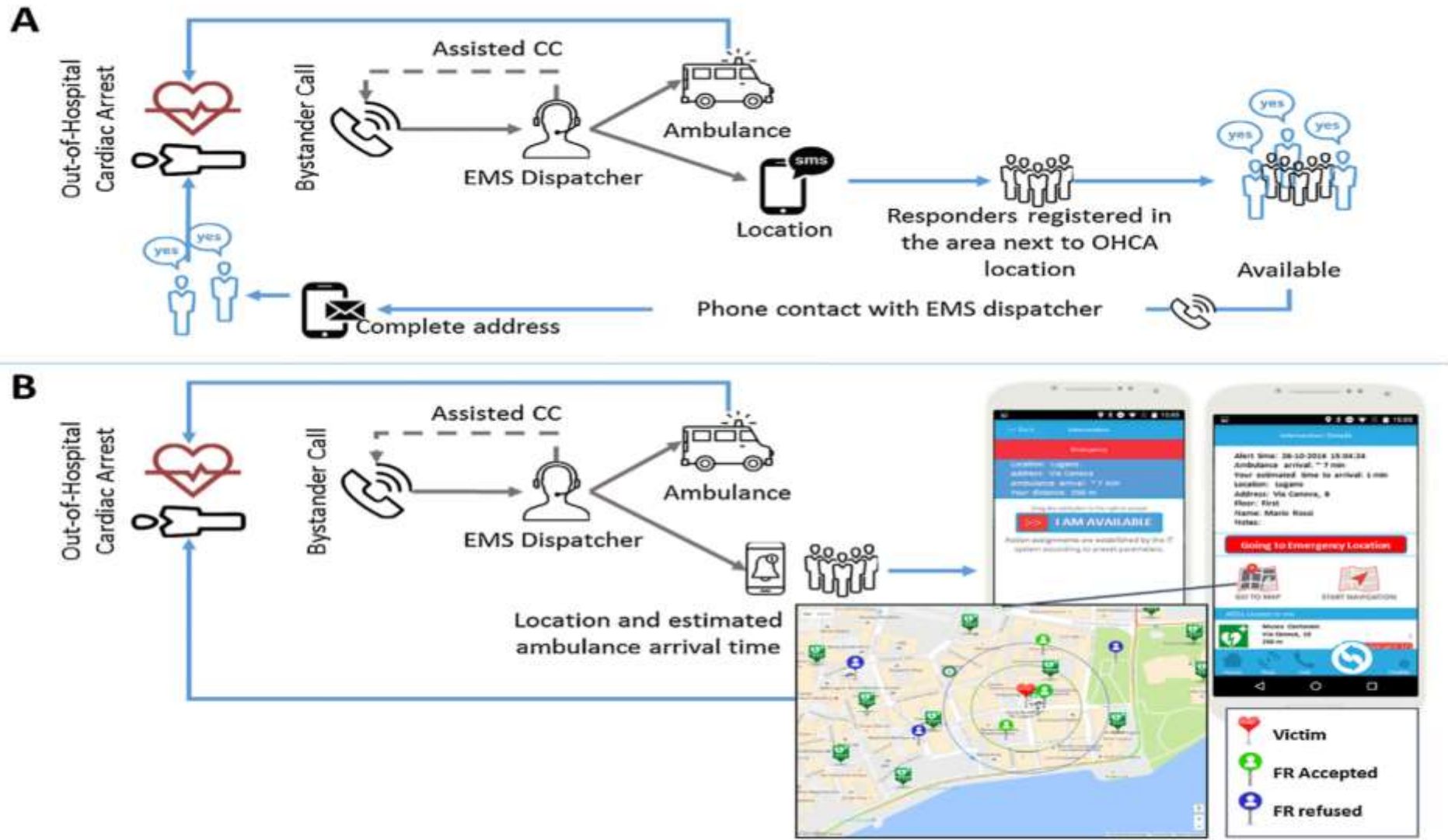
Circulation. 2016;134:2095–2104. DOI: 10.1161/CIRCULATIONAHA.116.024400

CONCLUSIONS: The absolute survival associated with bystander CPR declined rapidly with time. Yet bystander CPR while waiting for an ambulance was associated with a more than doubling of 30-day survival even in case of long ambulance response time. Decreasing ambulance response time by even a few minutes could potentially lead to many additional lives saved every year.

Relationship Between Emergency Medical Services Response Time and Bystander Intervention in Patients With Out-of-Hospital Cardiac Arrest

Yoshikazu Goto, MD, PhD; Akira Funada, MD, PhD; Yumiko Goto, MD, PhD

Conclusions—The upper limits of the EMS response times associated with improved 1-month neurologically intact survival were 13 minutes when bystanders provided defibrillation (typically with cardiopulmonary resuscitation) and 11 minutes when bystanders provided cardiopulmonary resuscitation without defibrillation. (*J Am Heart Assoc.* 2018;7:e007568. DOI: 10.1161/JAHA.117.007568.)



CONGRESSO
NAZIONALE
IRC 2022

TRAUMA: NUOVE EVIDENZE E PERCORSI
AUDITORIUM DELLA TECNICA - ROMA - 14-15 OTTOBRE



Italian
Resuscitation
Council

Istruzioni pre-arrivo (IPA) Confronto indagini 2016 - 2019 - 2021

2016

79

Centrali sul territorio
arruolate nella survey
(100%)

4

Centrali NUE112
presenti
in 2 regioni

2019

70

Centrali sul territorio
arruolate nella survey
(100%)

12

Centrali NUE112
presenti
in 7 regioni

2021

64

Centrali sul territorio
arruolate nella survey
(100%)

16

Centrali NUE112
presenti
in 10 regioni



E' presente un dispatch strutturato per il
riconoscimento dell'arresto cardiaco?

58%

80%

81%



Vengono somministrate IPA?

97%

93%

100%



Suggerisce RCP con sole compressioni?

54%

52%

69%



Suggerisce RCP standard?

46%

32%

17%



Verificano disponibilità DAE in loco?

43%

63%

54%



ELSEVIER

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

Resuscitation

journal homepage: www.elsevier.com/locate/resuscitation



ILCOR Summary Statement

Optimizing outcomes after out-of-hospital cardiac arrest with innovative approaches to public-access defibrillation: A scientific statement from the International Liaison Committee on Resuscitation [☆]



Steven C. Brooks, Gareth R. Clegg, Janet Bray, Charles D. Deakin, Gavin D. Perkins, Mattias Ringh, Christopher M. Smith, Mark S. Link, Raina M. Merchant, Jaime Pezo-Morales, Michael Parr, Laurie J. Morrison, Tzong-Luen Wang, Rudolph W. Koster, Marcus E.H. Ong, on behalf of the International Liaison Committee on Resuscitation



Italian
Resuscitation
Council

Innovative Approaches to Public Access Defibrillation





Improving Early Detection of OHCA

- Bystander and dispatcher education
- Automated detection and notification of OHCA



Improving Public Awareness and Willingness to Use

- Use innovative educational approaches
- Address psychological and legal barriers



Optimizing AED Availability, Reliability, and Usability

- Encourage 24/7 access to AEDs
- Improve human-computer interaction, rhythm detection and data access



AED Registration

- Develop innovative techniques to create and maintain AED registries
- Use location data to support rapid AED retrieval and use during OHCA events



AED Signage

- Develop and promote a universal sign for AED recognizable by all
- Position signage at AED and within the operational range for wayfinding



Mobile Apps for AED Retrieval

- Use mobile device applications to recruit nearby bystanders to the OHCA
- Guide responding users to nearest AEDs



Novel or Strategic Delivery Vectors

- Deliver AEDs with robots by land or air
- Equip police, firefighters and community volunteers with AEDs to be dispatched in parallel with paramedics



Personal or Home Access Defibrillation

- Deploy affordable and portable AEDs to be carried by individuals and deployed broadly in residential settings

Per concludere...



GRAZIE Grazie Grazie Grazie Grazie GRAZIE
Grazie Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie
Grazie Grazie **GRAZIE** Grazie Grazie
Grazie **GRAZIE** **GRAZIE** **GRAZIE** Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
GRAZIE Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
Grazie Grazie Grazie Grazie Grazie Grazie
GRAZIE Grazie Grazie Grazie
Grazie
Grazie

Italian Resuscitation Council

 ircouncil.it