

## **EMS State of the Science 2019: A Gathering of Eagles XXI**



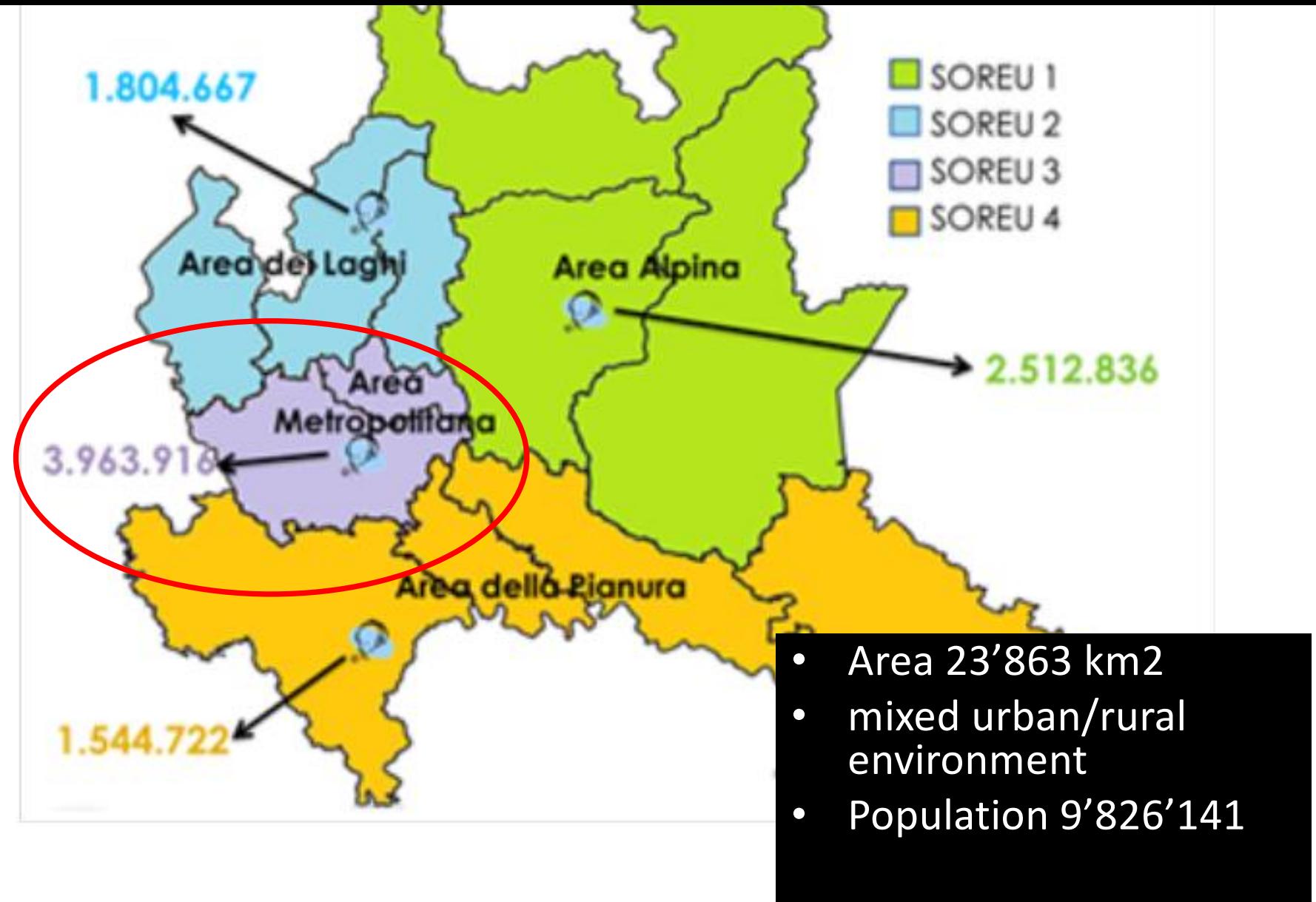
**Friday March 1  
&  
Saturday March 2**

**Sheraton Dallas Hotel  
400 North Olive Street  
Dallas, TX 75201**

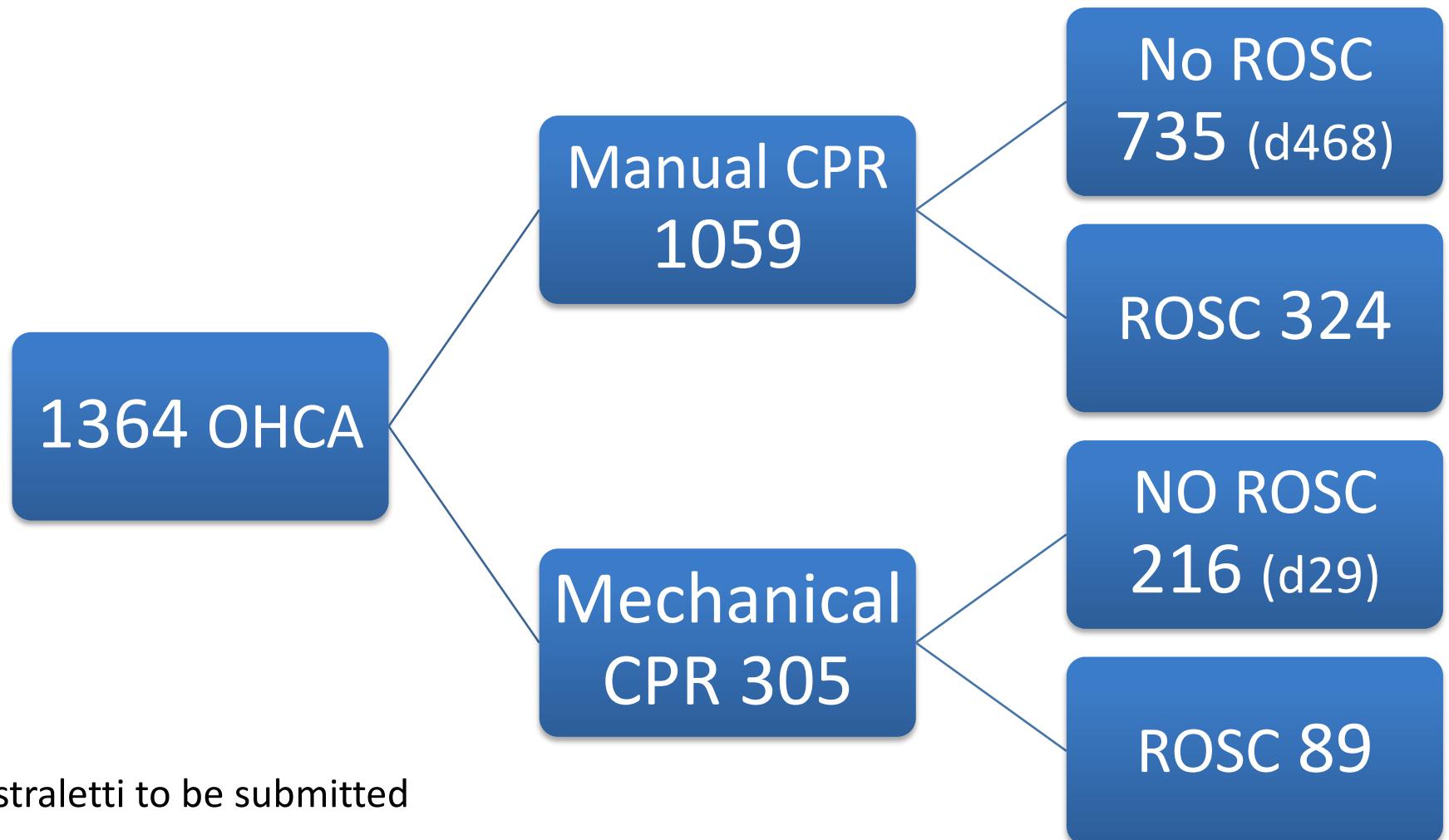
# **ECMO Allegretto: *The Milan Out-of-Hospital ECLS Algorithm***



## Headquarters of regional emergency system



# SOREUM AGENCY retrospective analysis



Mistraletti to be submitted

# Survival

	Manual MCE	Mechanical MCE
emergency	316(30.2)	168(55.8)
24h	240(23.8)	112(38.4)
ICU	129(12.9)	46(15.4)
H	116(11.6)	44(15.1)

Mistralletti to be submitted

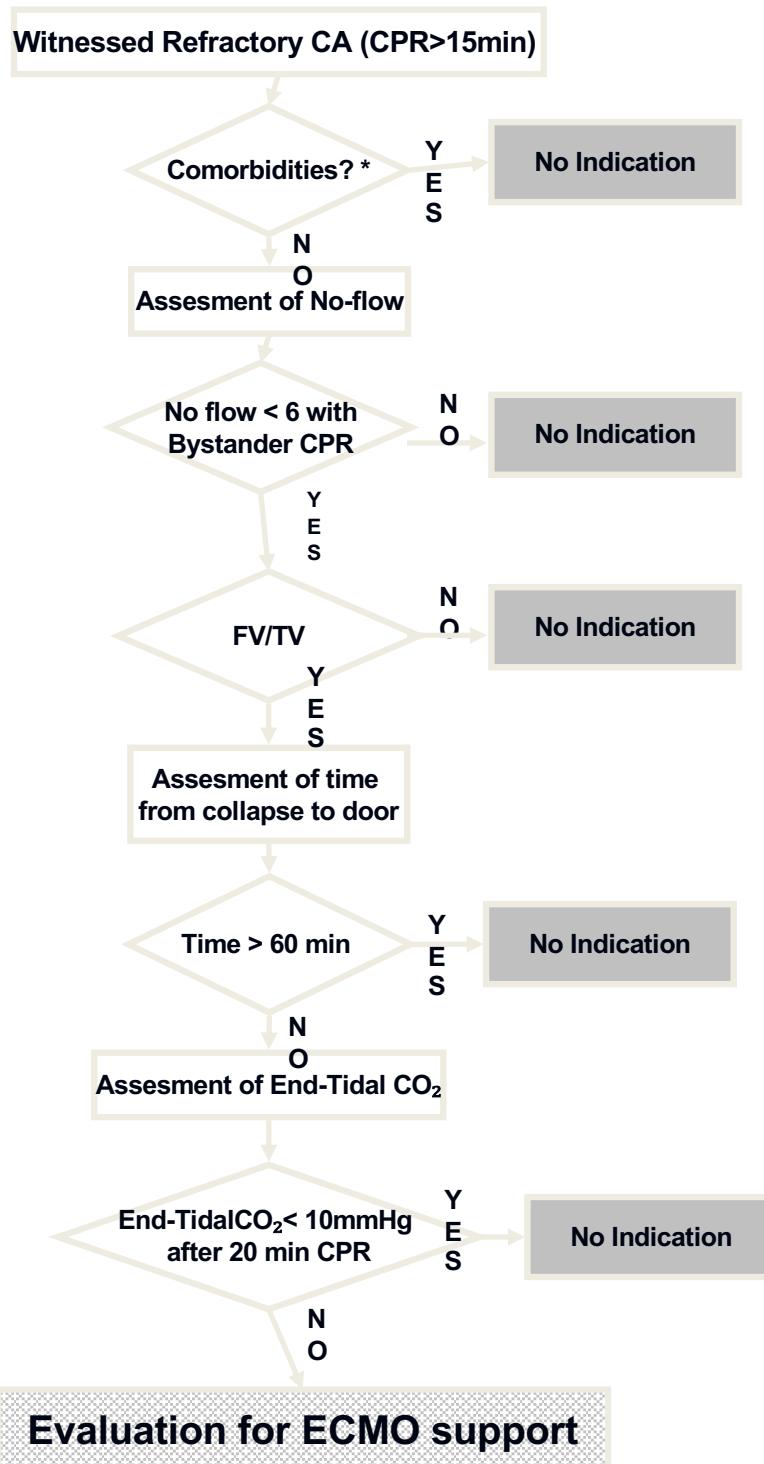
# ECLS data

	<b>ECLS 106</b>	<b>SURVIVAL 6</b>	<b>DONATION 13</b>
AGE	54 (42-63)	41 (38-50)	52 (44-55)
SHOCKABLE RYTHM	73 (68.9%)	6 (100%)	7 (53.9%)
NO FLOW TIME	9 (6-12)	7 (6-8)	10 (6-13)
MCPR	81 ( 76.4%)	6 (100 %)	12 (92.3%)

Mistralletti to be submitted

# Restrictive

AGE  
12-70

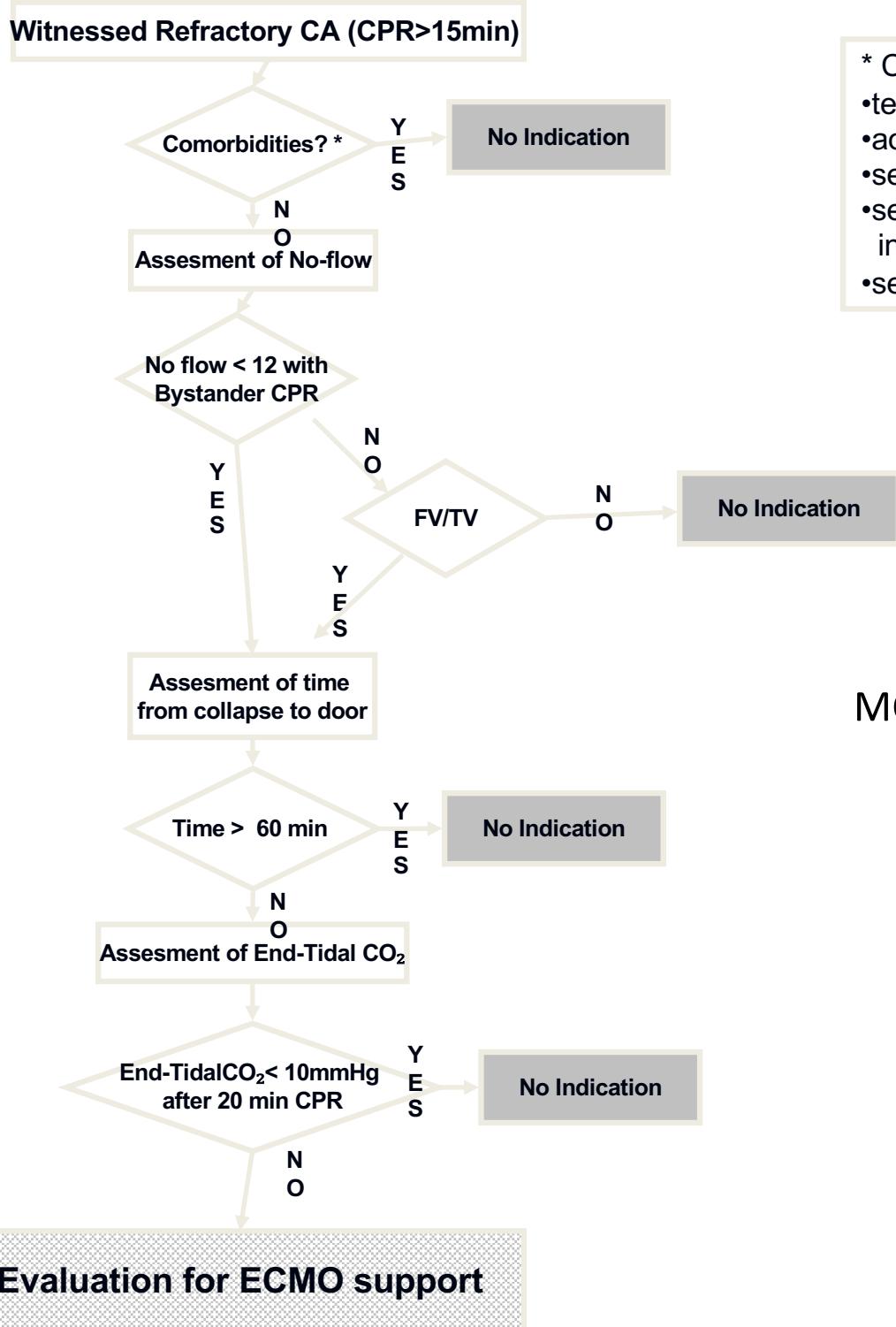


- \* Comorbidities:
- terminal malignancy
- aortic dissection
- severe peripheral arteriopathy
- severe cardiac failure without transplant indication
- severe aortic valve failure.

MCPR

# Liberal

AGE:  
12-70



\* Comorbidities:

- terminal malignancy
- aortic dissection
- severe peripheral arteriopathy
- severe cardiac failure without transplant indication
- severe aortic valve failure.

MCPR

# Ecls in out of hospital cardiac arrest

5 hospitals grant an ECLS-team 24/7

- San Gerardo (Monza) ( Prof.G. Foti)
- San Raffaele (Milan) ( Dr. F.Pappalardo)
- Humanitas (Rozzano) ( Prof. M. Cecconi)
- Sacco (Milan) ( Dr E. Catena)
- Policlinico( Milan)( Prof.A Pesenti)

WORKS ARE IN PROGRESS



This work had been possible by the collaboration of:

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G.Foti M.D.

A.Pesenti M.D.

F. Raimondi M.D.

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G. Sesana M.D.

M. Migliori M.D.

M. Migliari M.D.

F. Pappalardo M.D.

And by all the people ( technicians, nurses and doctors) working for the  
Emergency Medical Agency AREU



**THANKS**

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