



SHAPING THE FUTURE OF SIMULATION TOGETHER

14-16 JUNE 2023 ★ 28TH ANNUAL MEETING OF
SOCIETY FOR SIMULATION IN EUROPE

Optimal Team Composition in Medical Emergencies

Camilla Normand, University of Stavanger, Norway
on behalf of the SAFETY project

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Declaration for Camilla Normand

- I have no conflicts of interest to declare

SAFETY



Simulation Approach For
Education and Training in
emergency

SAFETY - Partners



Università di Foggia



Clínic
Barcelona



[infotech]

ValueD●



INSTITUTUL DE URGENTA PENTRU
BOLI CARDIOVASCULARE
"Prof.Dr.C.C.Iliecu" BUCURESTI



Laerdal
helping save lives



take the wind



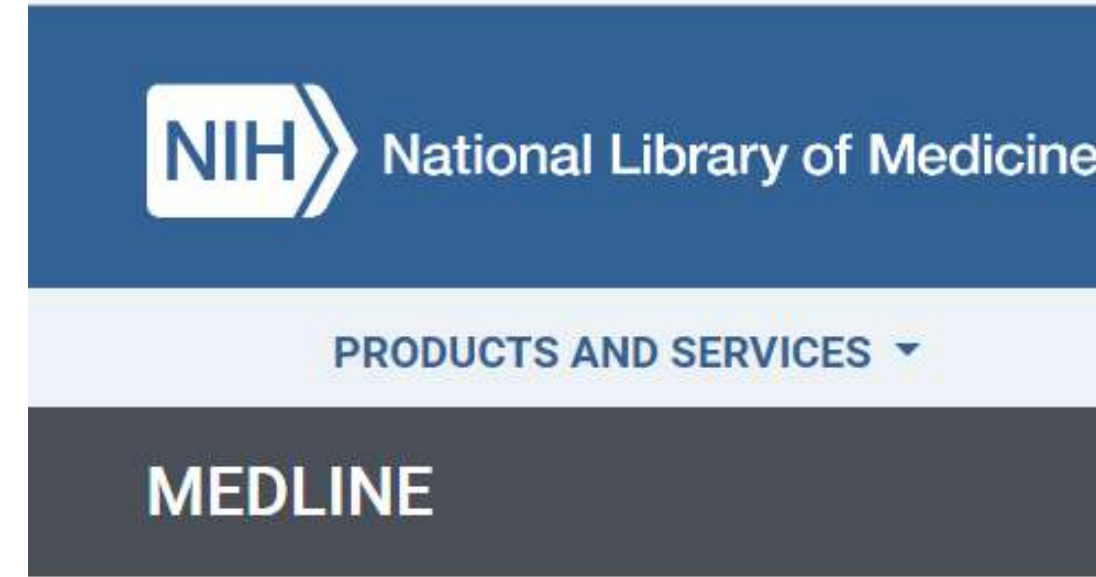
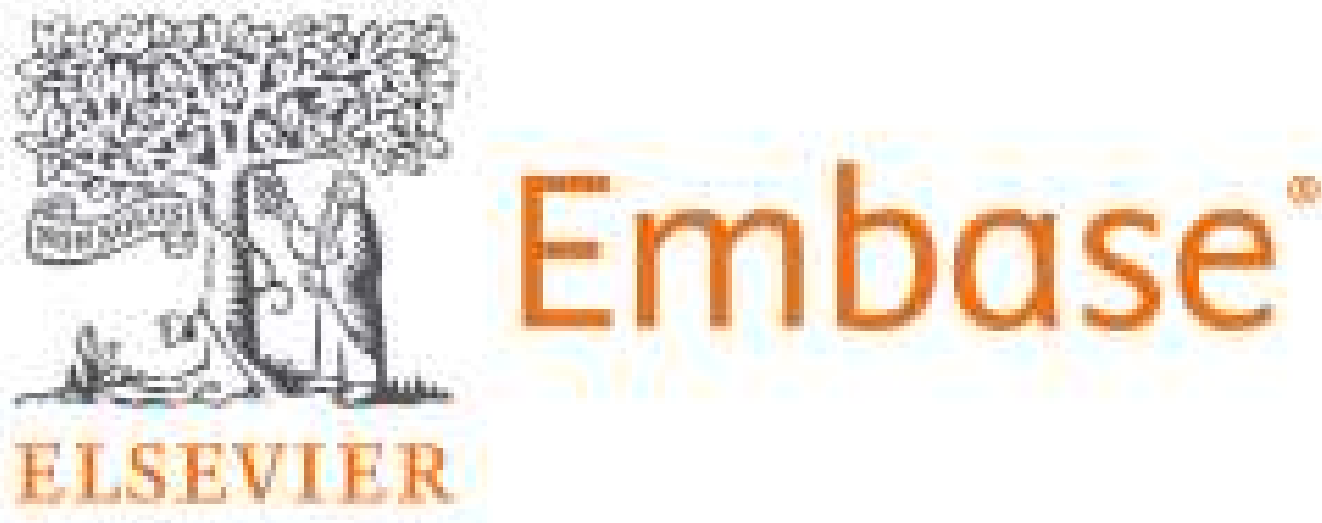
Literature Review

- What is the optimal team composition in medical emergencies?
- Real life and simulation
- 'Train as you fight'
- Resources



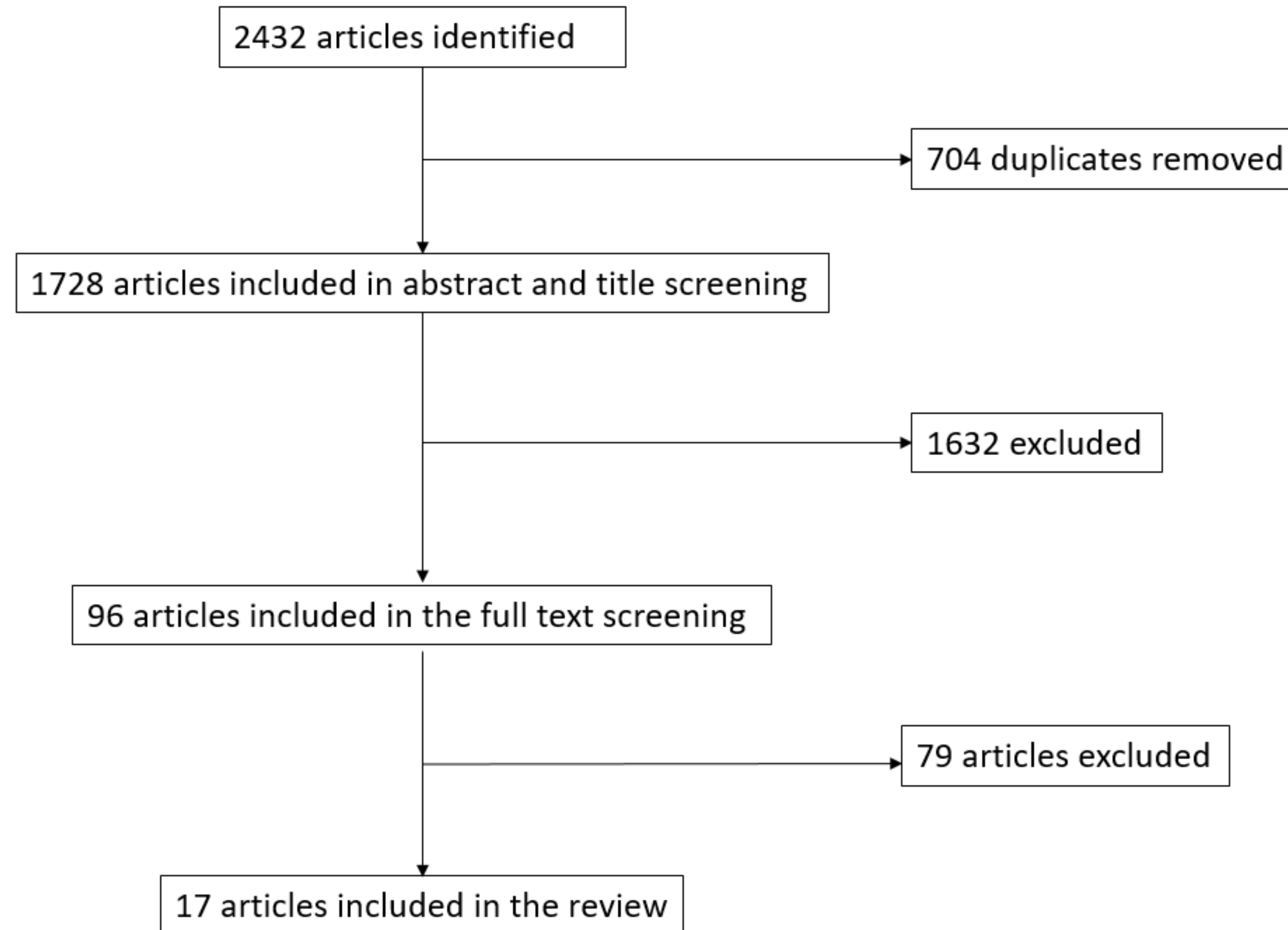
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Methods -Systematic Review



Team Trauma team Healthcare Treatment
Emergency Medicine Centre

Results



Results

- No article describing optimal team composition for simulation
- All articles described real life treatment

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Teams

- Large variation in team composition
- Rapid response team, only two members, a doctor team leader and a nurse
- Specialized teams for paediatric patients and acute stroke patients



Photography: Elisabeth Tønnessen

Trauma Team

- Basic trauma team = team leader, 1-2 emergency nurses, radiographer ± anaesthetist
- Team leader = surgeon? doctor?



Photography: Bernt-Erik Rossavik

Quality of Research

- Low MESRSQI score
- No randomized control trials
- Single groups
- Single centres
- Descriptive analysis

MERSQI Item
Study design
Institutions
Response rate
Type of data
Validity
Internal structure
Content
Relationships to variables
Appropriateness of analysis
Sophistication of analysis
Outcome

Reed et al. Jama. 2007

Conclusion

- Large variations
- No articles on optimal simulation team
- Assume that “characters” used in simulation are based on real life



Photography: Bernt-Erik Rossavik

Way Forward

- *What is the optimal team composition in simulation?*
- Need to be answered?
- Keep 'training as we fight'
- Or if we can fight differently, can we train differently.....



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Thanks for listening Questions?

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