

# Outcomes efter hjertestop - Har vi nået toppen?

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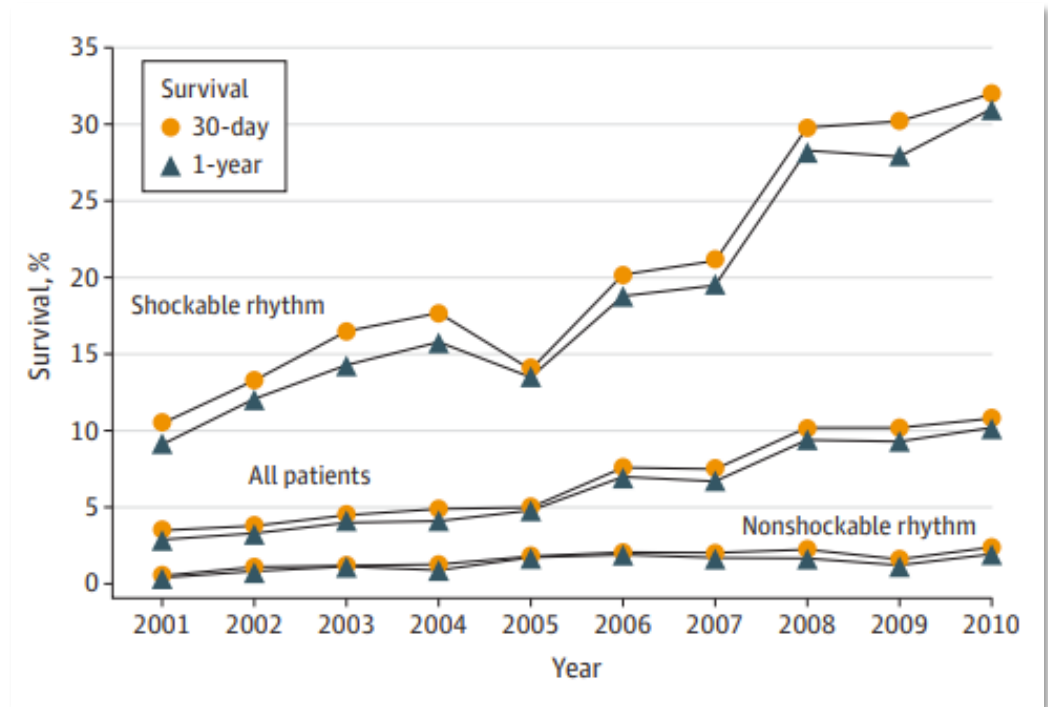
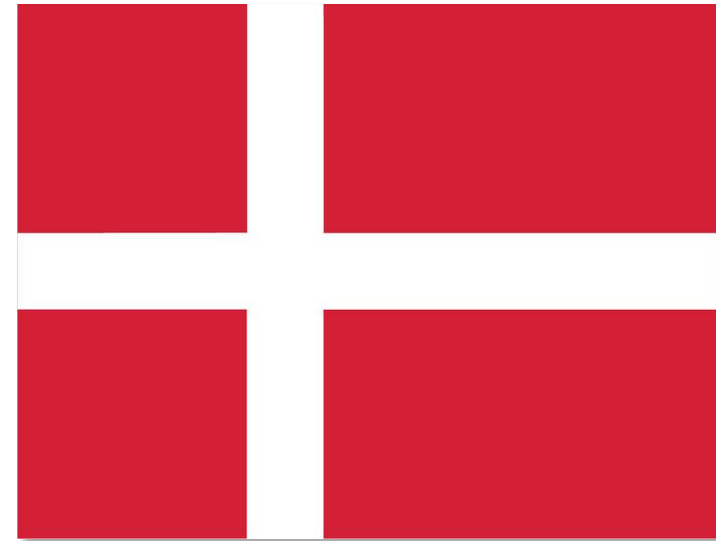
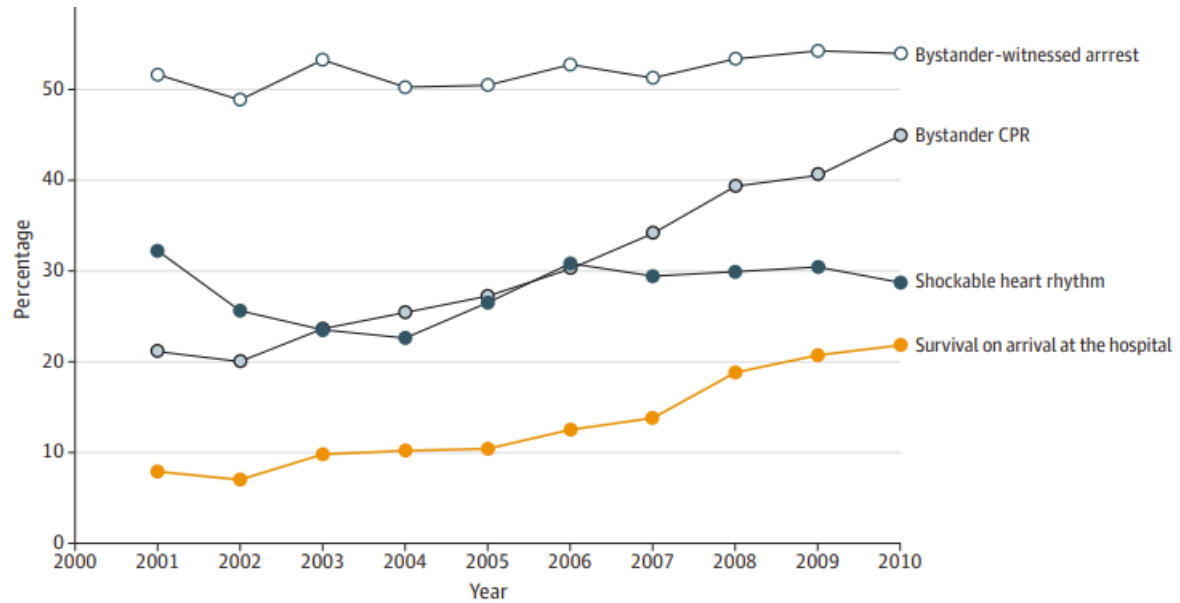


DANSK  
RÅD FOR  
GENOPLIVNING

Original Investigation

# Association of National Initiatives to Improve Cardiac Arrest Management With Rates of Bystander Intervention and Patient Survival After Out-of-Hospital Cardiac Arrest

Mads Wissenberg, MD; Freddy K. Lippert, MD; Fredrik Folke, MD, PhD; Peter Weeke, MD; Carolina Malta Hansen, MD; Erika Frischknecht Christensen, MD; Henning Jans, MD; Poul Anders Hansen, MD; Torsten Lang-Jensen, MD; Jonas Bjerring Olesen, MD; Jesper Lindhardsen, MD; Emil L. Fosbol, MD, PhD; Søren L. Nielsen, MD; Gunnar H. Gislason, MD, PhD; Lars Kober, MD, DSc; Christian Torp-Pedersen, MD, DSc



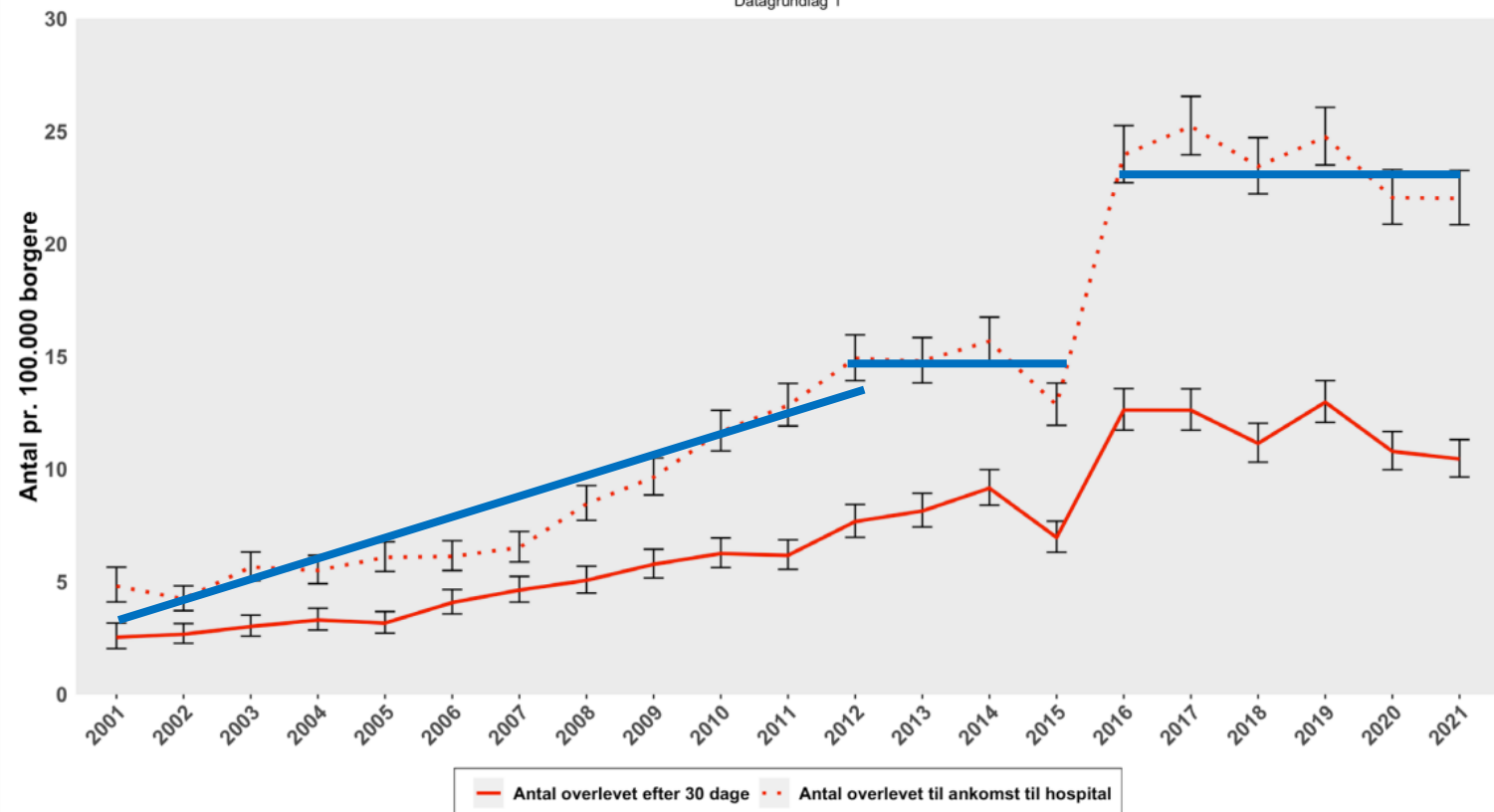
**2021**  
ÅRSRAPPORT

# DANSK HJERTESTOPREGISTER



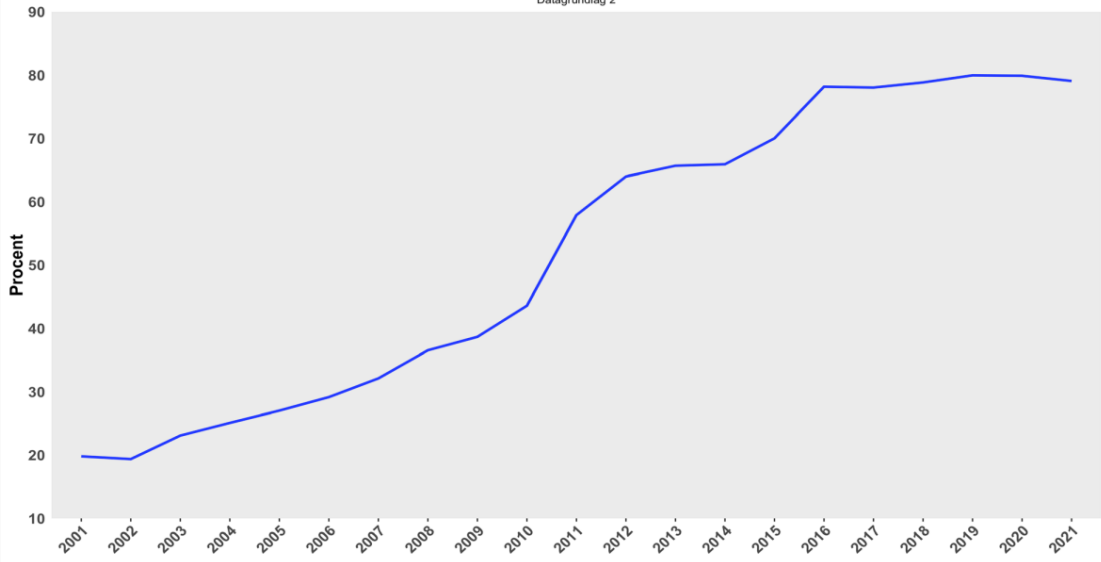
Overlevelse efter hjertestop uden for hospital

Datagrundlag 1



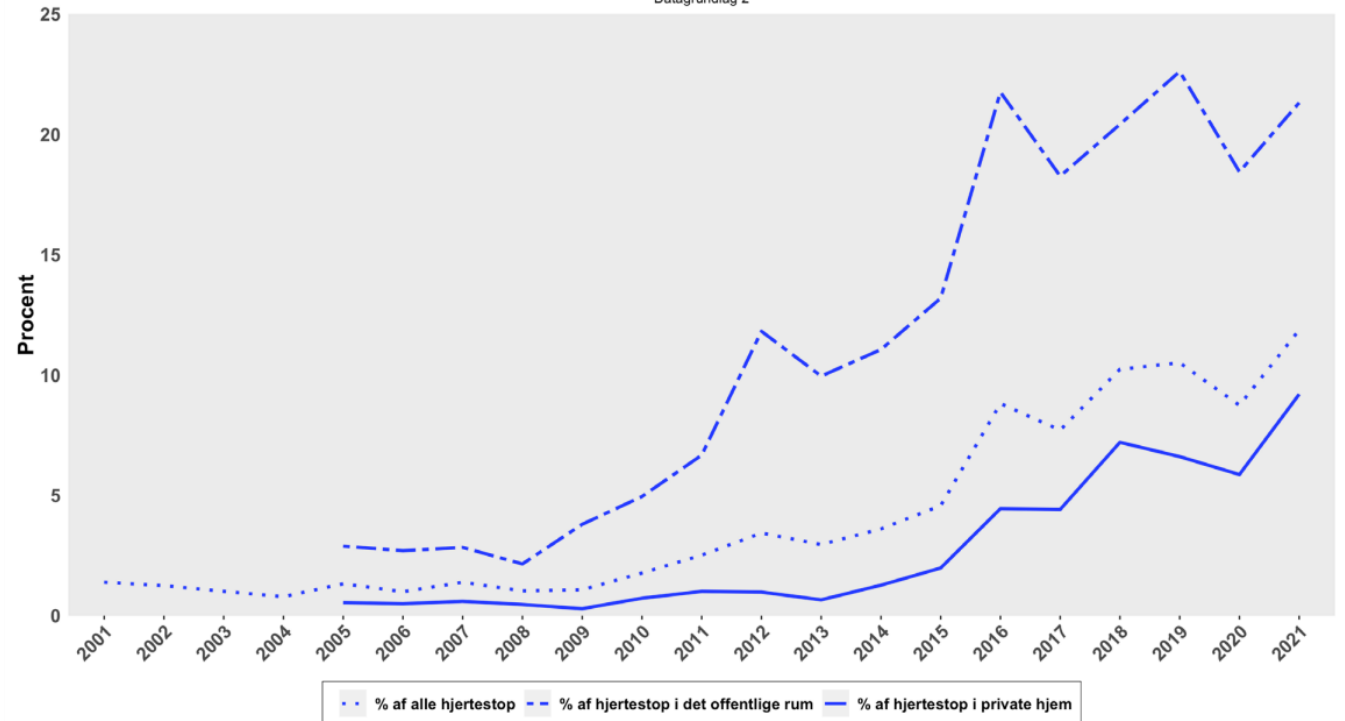
### Hjertestop hvor vidner eller førstehjælpere trådte til med hjertelungeredning

Datagrundlag 2



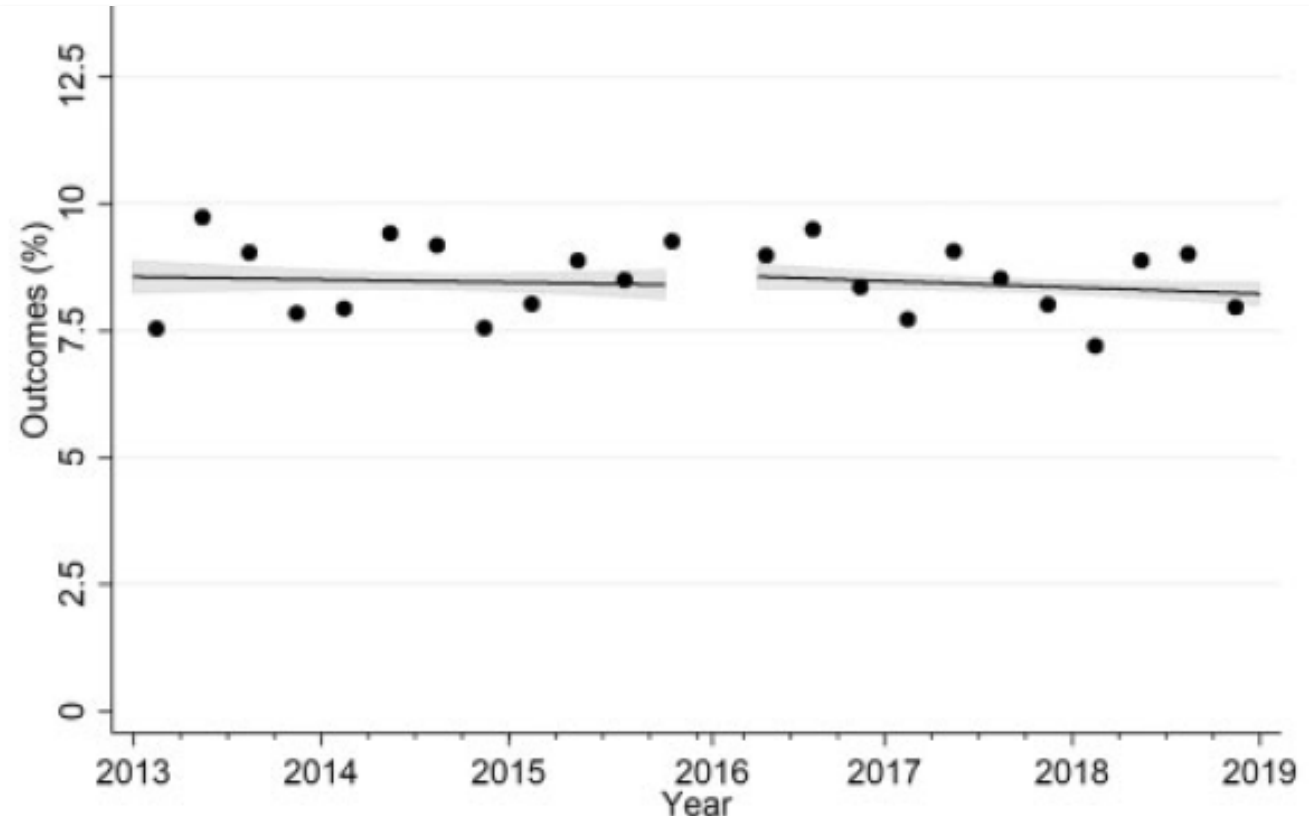
### Hjertestop hvor vidner eller førstehjælpere gav stød med hjertestartere

Datagrundlag 2



# 2015 Guidelines for Cardiopulmonary Resuscitation and survival after adult and paediatric out-of-hospital cardiac arrest

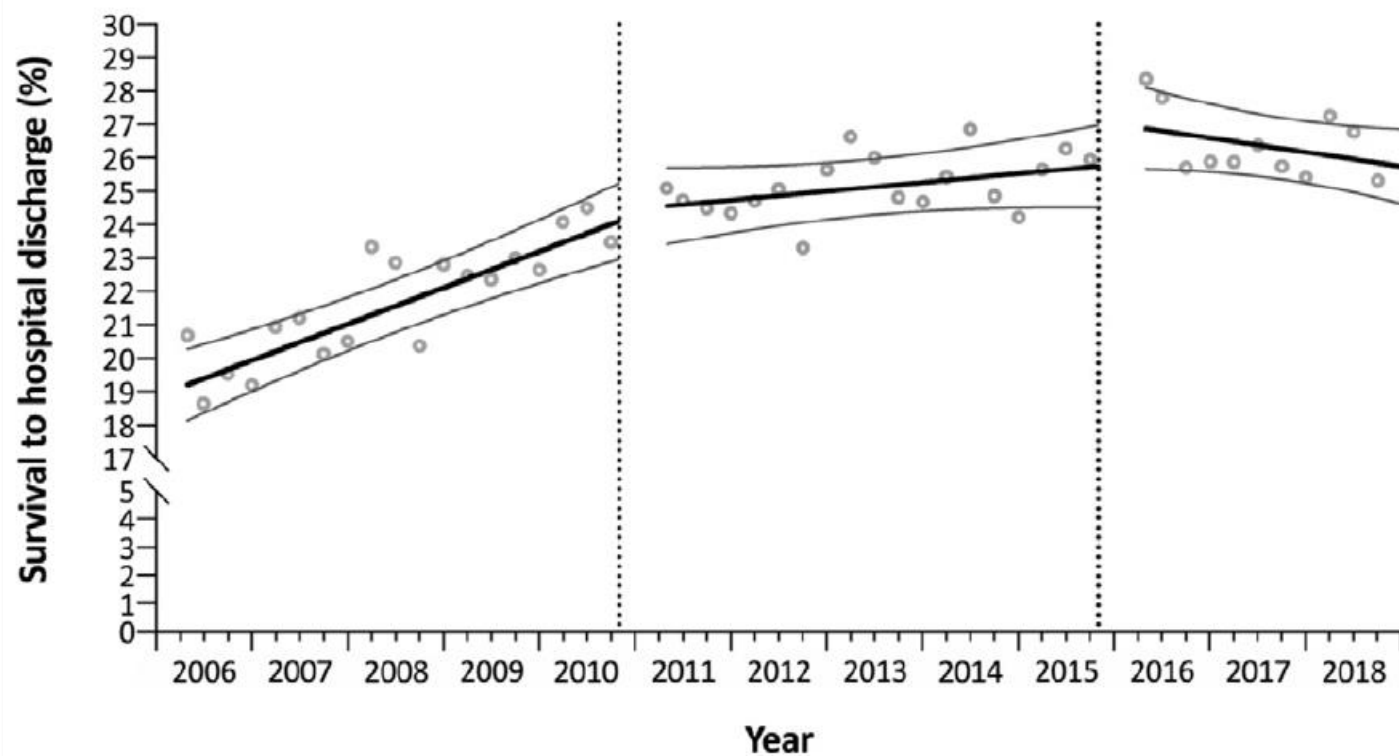
Asger Granfeldt <sup>1,2\*</sup>, Mathias J. Holmberg <sup>3,4,5</sup>, Michael W. Donnino<sup>5,6</sup>,  
Lars W. Andersen<sup>1,3,5</sup> and the CARES Surveillance Group



## Trends in survival and introduction of the 2010 and 2015 guidelines for adult in-hospital cardiac arrest



Mathias J. Holmberg<sup>a,b,c</sup>, Asger Granfeldt<sup>d,e</sup>, Saket Girotra<sup>f</sup>, Michael W. Donnino<sup>b,g</sup>,  
Lars W. Andersen<sup>a,b,h,i,\*</sup>, for the American Heart Association's Get With The  
Guidelines<sup>®</sup>-Resuscitation Investigators<sup>1</sup>



LAY RESCUER

PROFESSIONAL RESPONDER

SURVIVOR



**CALL  
911**



**START  
CPR**



**USE  
AED**



**EMS  
RESPONSE**



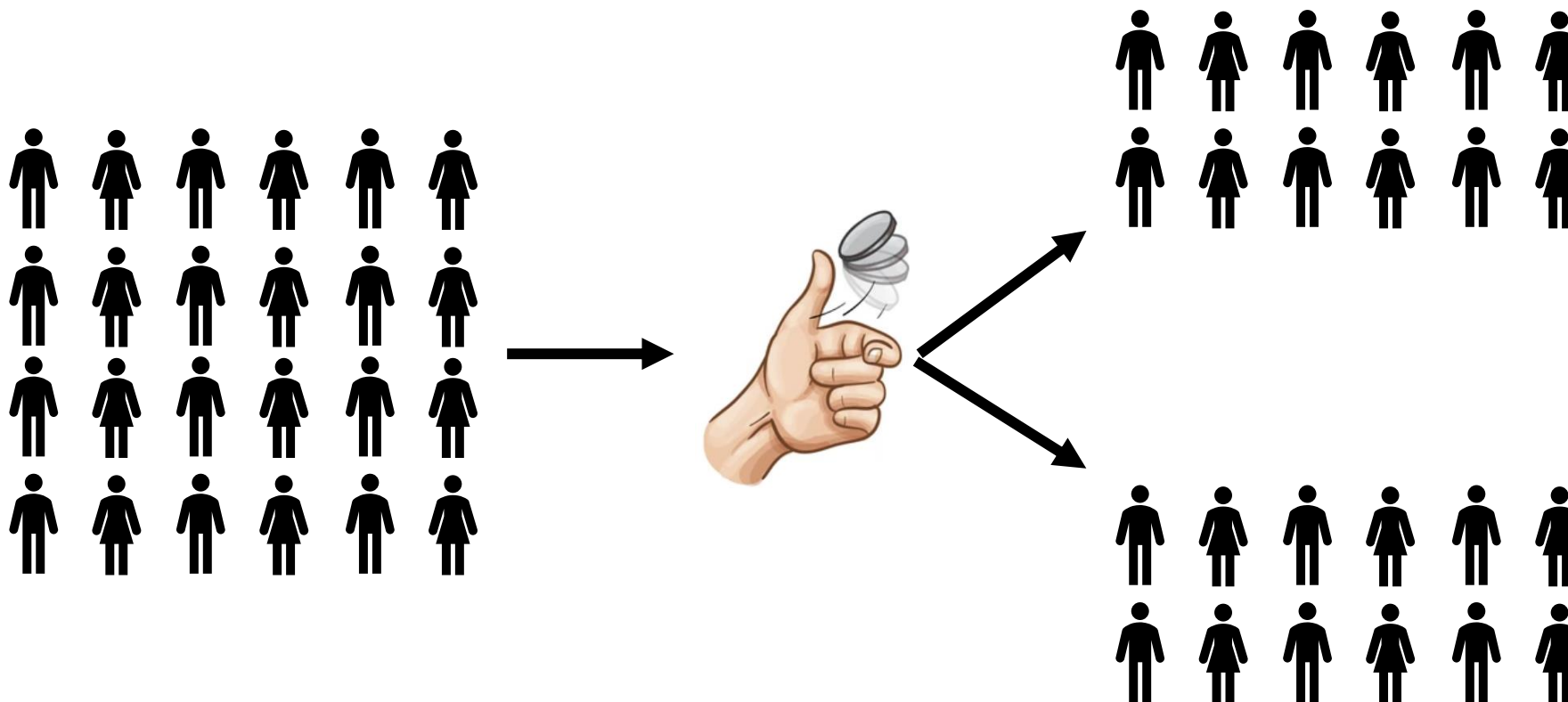
**HOSPITAL  
CARE**



**RECOVERY**

# Kliniske forsøg

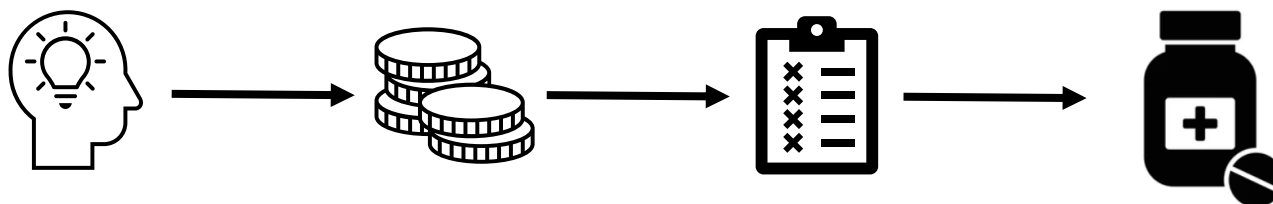
- Nødvendige for at teste nye interventioner
- Randomisering er essentielt



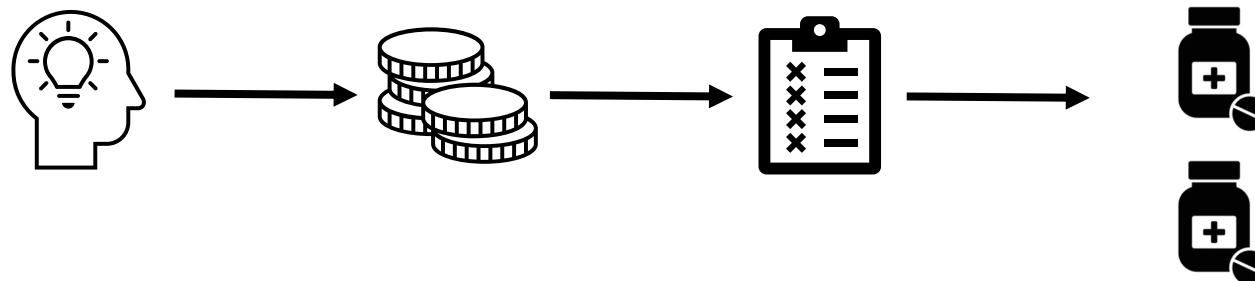


# Kliniske forsøg

- Traditionelt:



- Nyt design:



ORIGINAL ARTICLE

Blood-Pressure Targets in Comatose Survivors of Cardiac Arrest

J. I. S.

ORIGINAL ARTICLE

Oxygen Targets in Comatose Survivors of Cardiac Arrest

M. I.

ORIGINAL ARTICLE

H. Schmi  
L.E. Ri  
B. Nyholm,  
M.A. Steng  
R. Frikke-

Duration of Device-Based Fever Prevention after Cardiac Arrest

Christian Hassager, M.D., D.M.Sc., Henrik Schmidt, M.D., D.M.Sc., Jacob E. Møller, M.D., D.M.Sc., Johannes Grand, M.D., Ph.D., Simon Mølstrøm, M.D., Rasmus P. Beske, M.D., Søren Boesgaard, M.D., D.M.Sc., Britt Borregaard, R.N., Ph.D., Ditte Bekker-Jensen, R.N., M.Sc., Jordi S. Dahl, M.D., Ph.D., Martin S. Frydland, M.D., Ph.D., Dan E. Høfsten, M.D., Ph.D., Yusuf A. Isse, B.Sc., Jakob Josiassen, M.D., Ph.D., Vibeke R. Lind Jørgensen, M.D., Ph.D., Daniel Kondziella, M.D., Ph.D., Matias G. Lindholm, M.D., Ph.D., Emil Moser, M.D., Benjamin C. Nyholm, M.D., Laust E.R. Obbling, M.D., Laura Sarkisian, M.D., Ph.D., Frederik T. Søndergaard, B.Sc., Jakob H. Thomsen, M.D., Ph.D., Jens J. Thune, M.D., Ph.D., Søren Venø, M.D., Sebastian C. Wiberg, M.D., Ph.D., Matilde Winther-Jensen, Ph.D., Martin A.S. Meyer, M.D., and Jesper Kjaergaard, M.D., D.M.Sc.

# Har vi nået toppen?

Nej

- Implementering
- Ny viden

