Hans Dahll Lecture 2017 Saving More Lives Together

Conflicts of Interest

Chairman/CEO Laerdal Medical ECCU 2017 New Orleans December 6 – Tore Laerdal Chairman Laerdal Global Health

Sauda Norway

14 16-141 H-13





Toydolls









Helping Hands





CPR Today

500 million trained

2.5 million lives saved

Average survival ~ 10 %



*Per communication with Mickey Eisenberg/Tom Rea

Why 10-fold Difference in Survival?



*Per communication with Mickey Eisenberg/Tom Rea





A Call to Establish a Global Resuscitation Alliance

> Global Resuscitation Alliance

Ten steps to increased survival including

- Cardiac registry
- $\circ~$ Active prompting by the dispatcher
- High performance CPR
- o Rapid dispatch
- Community/School CPR training

Survivors per million population

Note

50% increased survival/m would be obtained by going from 10% survival of attempted 500/m to 12,5% of attempted 600/m. Denmark and Seattle already today report 700 attempted/m

How many more could be Saved from SCA?

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Sudden Cardiac Deaths

Saving More Lives from SCA

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Saving More Lives from SCA

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Primary Respiratory Arrests vs. SCD

Photo by Paolo Patruno

1444

50% reduced early mortality

1) Four studies; from Tenzania, Nepal, Uganda and Ghana; http://journals.plos.org/plosone/article/id=10.1371/journal.pone.10178073

Saving Lives at Birth

Saving More Lives Together

50,000 Happy Birthdays

Midwife Faith saved Baby Naomi

Midwife Musama

Strengthening Midwifery Globally

CPR could Save 400,000 Lives from Respiratory Deaths

~ 380,000 by scaling-up *Helping Babies Survive* program to reach to 1 million birth attendants

~ 20,000 by reducing current death toll ~ 200,000 in high income countries by 10%

> 95% of this potential relate to Low/Middle Income Countries

> Average life years saved may be over 5 times higher for these victims than for SCA victims

Take Home Messages

1

CPR has the potential to save up to half a million more lives each year by efficient education and implementation partnerships.

2

Most of these lives can be saved from

primary respiratory arrest victims in low/middle income countries.