

Community people's safety should be the priority to avoid or reduce health effects.

Early Morning Sessions Tuesday 20.9.2016 8:30–9:15

Experiences from 'the saving of lives from Drowning project' in Bangladesh; an implementation research study

TUE W 2

213 EXPERIENCES FROM 'THE SAVING OF LIVES FROM DROWNING PROJECT' IN BANGLADESH: AN IMPLEMENTATION RESEARCH STUDY

10.1136/injuryprev-2016-042156.213

Background Drowning is the leading cause of injury deaths among under-five children globally. In Bangladesh, more than 15,000 under-five children drown annually, and drowning accounts for 43% of death from all-causes, and more than 90% of all injury deaths among the 1 – 4 year olds. With support of the Bloomberg Philanthropies, the Johns Hopkins International Injury Research Unit in collaboration with the Centre for Injury Prevention and Research, Bangladesh and the International Centre for Diarrhoeal Disease Research, Bangladesh is implementing a large-scale implementation research study, the Saving of Lives from Drowning (SoLiD) project, to address the burden of childhood drowning in Bangladesh. SoLiD is a three-year (2012 – 2015) study that aims to assess the effectiveness and cost-effectiveness of two child drowning prevention interventions (playpen and crèche), and their implementation activities. About 80,000 children are receiving the interventions and 1.2 million people are under an injury surveillance system as part of the project.

Description This session will comprise three presentations that focus on the entire spectrum of childhood drowning prevention in Bangladesh.

Session chair Adnan A Hyder, Johns Hopkins International Injury Research Unit, USA

- **Talk 1: Burden, trend and epidemiology of childhood drowning in rural Bangladesh** – Amin Rahman, Centre for Injury Prevention and Research, Bangladesh
 - **Abstract:** This talk will discuss and present results from a large population based baseline survey implemented as part of the SoLiD program. It will highlight data on trend, epidemiology and risk factors of childhood drowning in rural Bangladesh.
- **Talk 2: Effectiveness and cost-effectiveness of SoLiD interventions** – Olakunle Alonge, Johns Hopkins International Injury Research Unit, USA
 - **Abstract:** This talk will focus on the study design and interventions implemented as part of the SoLiD program. Initial results on effectiveness and cost-effectiveness of these interventions will also be presented.
- **Talk 3: Integrating childhood drowning prevention interventions to child health survival programs** – Fazlur

Rahman, Centre for Injury Prevention and Research, Bangladesh

- **Abstract:** This presentation will discuss issues related to integrating such programs into ongoing activities at the city or district level. Efforts to integrate the SoLiD interventions into health and rural government program/policies will be described. Early experiences, challenges and policy implications will be presented.
- **Discussion and Q&A** The session will end with a discussion on the implications of these lessons to the implementation of other drowning prevention strategies in low-and-middle-income settings.

214 SEVERE TRAFFIC ACCIDENTS IN SOUTHERN FINLAND 2006–2015 AS SEEN FROM LEVEL 1 TRAUMA CENTRE

Lauri Handolin, Tim Söderlund, Tuomas Brinck. *Helsinki University Hospital Trauma Unit Finland*

10.1136/injuryprev-2016-042156.214

Session has four presentations on different types of severe traffic accidents: pedestrian, motor vehicle, motor bike, and bicycle accidents.

Helsinki University Hospital trauma unit (Töölö hospital) is a tertiary trauma centre providing trauma care in severe injuries for Helsinki and its quite densely populated surroundings, resulting in a catchment area of nearly 2 million people (about 35% of the total Finnish population). The total number of annual ISS >15 (severe trauma) trauma patents in Töölö hospital is around 450.

Töölö hospital's trauma registry was established in 2006. All trauma admissions to Töölö hospital have been reviewed by three trauma nurses and all patients with NISS (New Injury Severity Score) over 15 have been included in the registry. The data input includes demographic, process mapping, and outcome data. The registry data collected 2006–2015 on severe traffic accidents is presented in this session focusing in patient demographics, injury mechanisms and patterns, severity of injuries, outcome, and changes in incidences during past decade in the Southern Finland.

Open Workshop to Improve Safety at Offroad Sports Offroad Safety Campaign

TUE W 3

215 MX SAFETY MOVEMENT AND SAFETY PROJECT

Teija Piirto. *Mx Safety Project Founder and Leader, Finland*

10.1136/injuryprev-2016-042156.215

Background MX Safety campaign started 2014. Campaign is lead by Teija Piirto who's mission is very personal due to a loss of her own brother. MX Safety's aim is to create encouraging safety debate and advance safety at off road tracks with track users. Target is zero fatal accidents in basic training environment and national and club level races, worldwide. All the work is done through voluntary work. Project has a wide range of knowledge and a large spectrum of track users involved. Finnish Rescue