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Editorial

Dear Colleagues,

Welcome to a new and exciting newsletter from ISCAIP! On behalf of the ISCAIP Board, I am very pleased to announce that our newsletter has returned in both print and electronic media! I hope that all our members will use this to share your work, announce plans for meetings, and provide information on research and practice. This is your newsletter and it is now back at your service!

This newsletter also celebrates ISCAIP's presence at the 9th World Conference on Injury Prevention and Safety Promotion in Mexico 15-18 March 2008. I hope that you are all attending the ISCAIP's pre-conference meeting on 14 Mar 2008 at the Hyatt hotel. We will have an exciting event with a focus on global child injury prevention; colleagues from the World Health Organization, Injury Prevention, and ISCAIP members will share their work. I hope that our members will be ready for the active discussions!

I am delighted to report that we have a renewed and stronger relationship with our sister journal – Injury Prevention (<http://injuryprevention.bmj.com>). ISCAIP is now represented on the board of Injury Prevention and we have the

capacity to publish news relevant to our mission. Remember you receive a discounted subscription to the journal as a result of your membership of ISCAIP!

I invite all ISCAIP members and others interested in child and adolescent injuries to become active in our activities. This is an important time for our field – the WHO and UNICEF are working to produce a global report on child injuries; and many more surveys and research are being published to acknowledge the impact of child injuries. This is the time for all of us to be active in research, practice, policy and advocacy for our child injury prevention.

Adnan A. Hyder, MD MPH PhD
President, ISCAIP

INJURY
PREVENTION
JOURNAL

ISCAIP's recommended
peer-reviewed publication



Published by the
British Medical Journal
Publishing Group



Source: UNICEF Vietnam & TASC

The ISCAIP International Meeting

ISCAIP's Child Injury Prevention Meeting

"Child Injury Prevention - Knowledge into Practice"

Merida - Mexico - March 14, 2008

Venue: Hyatt Regency

The ISCAIP pre-World Conference meeting is open to ISCAIP members and non-members, researchers, practitioners and policy makers, who are interested in child injury prevention. It is an opportunity to hear from dedicated experts involved in child injury prevention at global and local levels. It is a chance to meet peers and to discuss issues relevant to us all.

PROGRAM AGENDA

09:00 Welcome and Introduction

Adnan Hyder: Johns Hopkins University and ISCAIP President

09:15 Plenary Session

CHALLENGES TO PUTTING KNOWLEDGE INTO PRACTICE FOR CHILD INJURY PREVENTION. Adnan Hyder, Margie Peden, Brian Johnston

Reflections: Joan Ozanne Smith, Monash University Accident Research Centre, Melbourne, Australia.

11:00 Round Table Session – Part 1

CURRENT CHALLENGES IN PUTTING KNOWLEDGE INTO PRACTICE FOR CHILD INJURY PREVENTION

Current challenges in using existing knowledge for child injury prevention and control into practice will be the focus of this session. Reflection on key issues that present barriers to evidence based action for child injury prevention and management will be used to develop a research and action agenda for the future. Participants might be invited to breakout into smaller groups for this session.

12:30 Lunch and Poster Judging

13:30 Round Table Session – Part 2

RESEARCH AND ACTION PRIORITIES FOR PUTTING KNOWLEDGE INTO PRACTICE FOR CHILD INJURY PREVENTION

Participants will provide feedback on current challenges; and the plenary discussion will focus on how these challenges can be addressed over the coming years. This international meeting provides a unique opportunity to hear views and advice on priorities for improving child injury prevention in the future from experienced researchers, policy makers and practitioners. Particularly interested in hearing these views are the ISCAIP Board and the authors of the WHO World Report on Child Injury.

Reflections: Morag McKay, The European Child Safety Alliance.

15:30 ISCAIP Business Session

16:30 Refreshments and close and a celebration of Barry Pless's term of office as editor of Injury Prevention.



Celebration in honor of Barry Pless, Board member of ISCAIP and outgoing Editor of Injury Prevention Journal

Barry Pless' term of office as editor of Injury Prevention is ending. He has edited the journal since its foundation in 1995 and was involved in its development before the first issue. To celebrate his huge contribution, a festschrift is being held in Merida, Mexico, to coincide with the 9th World Conference on Injury Prevention and Safety Promotion. The festschrift, which is being organised with assistance from ISCAIP, will immediately follow the ISCAIP March 14, 2008 Conference. There is no charge for attendance but pre-registration is required to allow us to manage numbers. Final details of the programme, timings and venue will be published in due course. If you would like to attend, please contact [Mike Hayes](mailto:mike.hayes@capt.org.uk). (mike.hayes@capt.org.uk).



Contributions about child safety at ISCAIP 2008 Meeting

Important and outstanding contributions have been received for the 2008 meeting. The contributed program has been chaired by Mariana Brussoni and here are presented all the corresponding abstracts.

Who Was With You?: An Investigation of Family Supervisors & Bystanders of Child Injury Events

Caroline Pitrowski, Lynn Warda, Milton Tenenbein, Stephen Nap, Marni Hanna, Faisal Alsonali & Gemma Briggs

Inadequate supervision is one of the leading hazards contributing to injury and is not well understood, particularly for school-aged children. This study describes the nature and extent of parent and sibling supervision during an injury event that resulted in medical attention at an emergency department. The frequency of adult versus sibling supervision for school-aged children and the presence or absence of family members as bystanders or participants in injury events are reported.

Contact: Caroline C. Pitrowski—piotrow@cc.umanitoba.ca, Department of Family Social Sciences, University of Manitoba

Validation of Virtual Reality as a Means to Study Pedestrian Behavior

Joanna Gaines, David C. Schwebel, Joan Severson, Matthew Schikore, Corey Bruse & Richard Vanderleest

Virtual Reality (VR) is useful and affordable, but no empirical evidence is available to suggest children's behaviour in VR matches behaviour in real-world. This study validates a virtual pedestrian environment using an immersive interactive virtual pedestrian environment developed to model a local street environment using three computers monitors driven by one PC. The result offers empirical evidence that behaviour in virtual environment is valid.

Contact: Joanna Gaines—joannag@uab.edu, Department of Psychology, UAB

Childhood drowning in Developing Countries – a Neglected Research Priority

Nagesh Narayan Borse & Hyder Adnan



Source: UNICEF Bangladesh

Data available for Low and Middle Income Countries indicates that the burden of drowning in children is significant and becoming a leading public health problem. This study reveals a lack of data on incidence rates and risk factors, public health interventions, research on intervention effectiveness, cost effectiveness and national drowning prevention programs. Based on this evidence, the study calls for immediate attention to this issue by increasing research investment and specifically proposes a drowning intervention study focusing on children less than five years in LMICs as an example of appropriate

research investment.

Contact: Nagesh Narayan Borse—(443)255-1787, Department of International Health, John Hopkins Bloomberg School of Public Health

Alcohol-related injury risk in late adolescence: Across-national comparison of Canadian & American university students

Caroline C. Pitrowski & Michael A. Ichiyama

Binge drinking is a serious public health concern and an especially pervasive problem among late adolescents who have just begun their post-secondary studies. The study builds surveys Canadian and American undergraduates on alcohol-related injuries. Overall, American adolescents were at greater risk for alcohol-related injury than Canadian adolescents who drank more.



Contacts: Caroline C. Pitrowski—piotrow@cc.umanitoba.ca, Department of Family Social Sciences, University of Manitoba

Temporal trends in unintentional injuries among Canadian children, 1994-2003.

Alison MacPherson, Allyson Hewitt, Nicole Bebeb & Anneliese Spinks

This study describes changes in unintentional injury related deaths and hospitalizations among Canadian children over a ten year period and compares the trends over time with all cause mortality and morbidity. Data was obtained pertaining to unintentional injury related fatalities and hospital admissions for children aged 19 years and under from Statistics Canada and the Canadian Institute of Health Information. Evidence shows a significant decline in unintentional pediatric injury related deaths and hospitalization and suggests that the severity of injury also decreases.

Contacts: Anneliese Spinks—a.spinks@griffith.edu.au, Griffith University, Australia

Ten years of burn injuries among Canadian children

Anneliese Spinks, Jason Wasiak, Allyson Hewitt, Nicole Beben, Heather Clelland, & Alison MacPherson

Statistics Canada mortality data and Canadian Institute of health Information data were used to describe burn injury related deaths and hospital admission trends in Canadian children aged 0-19 years. Data show a reduction in the number of patients with burn injury requiring hospital admissions, which indicates success in safety initiative to prevent and treat burn injuries.

Contact: Anneliese Spinks—A.spinks@griffith.edu.au, Griffith University, Australia

Characteristics of Injuries among Young People at the Port-of-Spain Hospital

Melissa C. Nelson, Glennis Andall-Breton & John E. Ehiri

This study presents a descriptive overview of injuries among males and female aged 15-24 years presenting to the main public hospital in the North West Regional Health Authority of Trinidad and Tobago. A prospective, 21-day interviewer-administered survey of all injuries was conducted at Accident and Emergency Department of the Port-of-Spain General Hospital. The data show that the most common causes of injuries were being struck by a person or object and stab/cut, the most common body part injured was the head/face was the most common body part injured, and the most common type of injury was open wounds.

Contact: Melissa C. Nelson—nelsonmc@uab.edu, Department of Maternal and Child Health, University of Alabama at Birmingham

Road Safety Education Trial in Low and Middle Income Countries: A Research Gap?

Prasanthi Puvanachandra, Ellen Schenk & Adnan Hyder



This study provides a rationale for an intervention trial within Low and Middle Income Countries. An extensive literature review of published studies and “gray” literature was undertaken to formally assess the data and

studies available on the evaluations of Road Safety Education (RSE) programs. The study found a distinct gap in the literature regarding the effectiveness of RSE which needs to be addressed. An evaluation of RSE programs to generate knowledge and improve quality of life for children within LMIC must be made.

Contacts: Prasanthi Puvanachandra—ppuvanac@jhsp.edu, Department of Internal health, Johns Hopkins Bloomberg School of Public Health

Comparison and use of repeated measures injury data from two child cohort studies.

Julie Mytton

Unintentional injuries are one of the leading causes of death and disability in children across the world. This study looks the repeated measure in Dunedin Multidisciplinary Child Development Study (New Zealand) and the repeated measures injury data from primary school aged children in the Avon Longitudinal Study of Parents and Children (England). The frequency, type and circumstances of injuries across the two cohorts are presented. The two cohorts differ in geographical setting and timing of recruitment to the study; therefore, the descriptive epidemiology results that are consistent between the two cohorts are likely to be robust and can potentially be generalized to inform the development of targeted intervention programs.

Contact: Julie Mytton—Julie.mytton@uwe.ac.uk, University of the West of England

The Portrayal of Unintentional Injury in British Children's Favourite Television Programs

Karen Pfeffer & Jane Orum

This study examines the depiction of unintentional injury in children's TV programs preferred by boys and girls. The number of times safe behaviour, risk, potential injury and actual injury occurred within each episode watched by the children were recorded. Conclusions were that the types of programs preferred by boys show a lot of risky behaviour performed by adult male role models.

Contact: Karen Pfeffer—kpfeffer@lincoln.ac.uk, Department of Psychology, University of Lincoln

Patterns of safety behaviours and unintentional injuries among youth in British Columbia, Canada

Lise Olsen, Pamela Joshi, Mariana Brussoni & Rollin Brant

This study examines the occurrence and patterns of injury among youth, as well as how these injuries are associated with other safety and risk behaviours, and with social contextual factors using data from the 2003 Adolescent Health Survey (AHS) III – a large, population based survey of youth in British Columbia, Canada. The study includes a description of the patterns and demographics of unintentional injury occurrence and describe relationships found between safety related behaviours, injury outcomes and factors in the social environment including school and family connectedness.

Contact: Lise Olsen—lolsen@cw.bc.ca, BC Injury Research and Prevention Unit

The foreign body injuries in children: The SusySafe project results

The SusySafe Study Group

Injuries due to foreign body (FB) aspiration/choking/ingestion/insertion are common in children up to 14 years old. This study looks at 6943 pediatric patients in 28 European hospitals and 1 Pakistani hospital, information gathered by The SusySafe registry- a pan-European registry of such injuries, started in 2004. Conclusions were that the foreign body injury remains a major burden for children and the risk it presents makes it mandatory to increase the awareness in general population.

Contact: Paola Berchiolla—Paola.berchiolla@unito.it, Department of Public Health and Microbiology, University of Torino



Recent Publications Focusing on Child Injuries

More than one thousand contributions appeared in the last year in Pubmed, focusing on injuries involving children below 14 years of age. Here are few of them involving our members.

Hyder AA, Wali S, Fishman S, Schenk E. The Burden of Unintentional Injuries among the under-five population in South Asia. *Acta Paediatrica* 2008 97: 267-278

Hyder AA, Puvanachandra P, Tran NH. Child and Adolescent injuries: a new agenda for child health. *Inj Prev.* 2008 14(1): 67

Barss P, Subait OM, Ali MH, Grivna M. Drowning in a high-income developing country in the Middle East: Newspapers as an essential resource for injury surveillance. *J Sci Med Sport* 2008 [Epub ahead of print].

Mashreky SR, Rahman A, Chowdhury SM, Giashuddin S, Svanström L, Linnan M, Shafinaz S, Uhaa IJ, Rahman F. Epidemiology of childhood burn: Yield of largest community based injury survey in Bangladesh. *Burns.* 2008 Jan 31; [Epub ahead of print]

Berchiolla P, Stancu A, Scarinzi C, Snidero S, Corradetti R, Gregori D. Web-based tool for injury risk assessment of foreign body injuries in children. *J Biomed Inform.* 2008 Jan 24; [Epub ahead of print]



Source: UNICEF Vietnam

Karkhaneh M, Naghavi M, Rowe BH, Hagel BE, Jafari N, Saunders LD. Epidemiology of bicycle injuries in 13 health divisions, Islamic Republic of Iran 2003. *Accid Anal Prev.* 2008 Jan;40 (1):192-9.

Snidero S, Rahim Y, Berchiolla P, Gregori D. Risk factors and geographical heterogeneity in unintentional home injuries incidence rate: new evidence based on Multiscopo survey in Italy. *Int J Inj Contr Saf Promot.* 2007 Dec;14(4):203-13.

Christie N, Ward H, Kimberlee R, Towner E, Sloney J. Understanding high traffic injury risks for children in low socioeconomic areas: a qualitative study of parents' views. *Inj Prev.* 2007 Dec;13(6):394-7.

Cohen AD, Gurfinkel R, Glezinger R, Kriger Y, Yancolevich N, Rosenberg L. Pediatric burns in the Bedouin population in southern Israel. *ScientificWorldJournal.* 2007 Nov 12;7:1842-7.

Hawkins ER, Brice JH, Overby BA. Welcome to the world: findings from an emergency medical services pediatric injury prevention program. *Pediatr Emerg Care.* 2007 Nov;23(11):790-5.

Schwebel DC, Brezaussek CM. Nocturnal Awakenings and Pediatric Injury Risk. *J Pediatr Psychol.* 2007 Nov 14; [Epub ahead of print]

Rudan I, Gibson J, Kapiriri L, Lansang MA, Hyder AA, Lawn J, Darmstadt GL, Cousens S, Bhutta ZA, Brown KH, Hess SY, Black M, Gardner JM, Webster J, Carneiro I, Chandramohan D, Kosek M, Lanata CF, Tomlinson M, Chopra M, Ameratunga S, Campbell H, El Arifeen S, Black RE; Child Health and Nutrition Research Initiative

(CHNRI). Setting priorities in global child health research investments: assessment of principles and practice. *Croat Med J.* 2007 Oct;48(5):595-604.

Bener A, Hyder AA, Schenk E. Trends in childhood injury mortality in a developing country: United Arab Emirates. *Accid Emerg Nurs.* 2007 Oct;15(4):228-33.

Hyder AA, Sugerman D, Ameratunga S, Callaghan JA. Falls among children in the developing world: a gap in child health burden estimations? *Acta Paediatr.* 2007 Oct;96(10):1394-8. Review.

Hesham El-Sayed, Suzan Gad, Hanan Saied and Dalia Gamaal. School-based program for injury prevention and safety promotion in Ismailia governorate. *Suez Canal University Medical Journal,* 10(1):57-64, 2007.

Fatmi Z, Hadden WC, Razzak JA, Qureshi HI, Hyder AA, Pappas G. Incidence, patterns and severity of reported unintentional injuries in Pakistan for persons five years and older: results of the National Health Survey of Pakistan 1990-94. *BMC Public Health.* 2007 Jul 10;7(147):152.

Donati C, Benelli B, Consonni N, Fabregant M, Mantyla T, Carelli G, Corradetti R, Snidero S, Scarinzi C, Morra B, Gregori D. Are FPCIs a source of increased risk for children? Results of a multicenter, experimental study comparing children's behaviour with FPCIs and toys. *J Safety Res.* 2007;38(5):589-96.

Schwebel DC, Gaines J. Pediatric unintentional injury: behavioral risk factors and implications for prevention. *J Dev Behav Pediatr.* 2007 Jun;28(3):245-54. Review.

Barton BK, Schwebel DC. The roles of age, gender, inhibitory control, and parental supervision in children's pedestrian safety. *J Pediatr Psychol.* 2007 Jun;32(5):517-26.

Hyder AA, Malik FA. Violence against children: a challenge for public health in Pakistan. *J Health Popul Nutr.* 2007 Jun;25(2):168-78. Review.

Schwebel DC, Simpson J, Lindsay S. Ecology of drowning risk at a public swimming pool. *J Safety Res.* 2007;38(3):367-72..

Khambalia A, Joshi P, Brussoni M, Raina P, Morrongiello B, Macarthur C. Risk factors for unintentional injuries due to falls in children aged 0-6 years: a systematic review. *Inj Prev.* 2006 Dec;12(6):378-81.



Source: TASC



Source: TASC

From Europe: the revision of the Toy Directive



The **European Commission (Commissioner Verheugen-DG Enterprise)** has adopted on 25 January 2008 a **proposal for a new Directive on the Safety of Toys**. The aim of this proposal is to **replace and modernize the 20 years old Toys Directive 88/378/EEC of 3rd May 1988**. The revision has a threefold objective: first and foremost there will be new and higher safety requirements to cope with recently identified hazards, secondly it will strengthen manufacturers' and importers' responsibility for the marketing of toys and finally it enhances the market surveillance obligations of Member States.

The proposal addresses a wide range of issues to improve the existing rules for the marketing of toys that are produced in and imported into the EU in view to reducing toy related accidents and to achieving health benefits. It will, in particular:

Prohibit the use of chemical substances that are susceptible to provoke cancer, so-called **CMR** (Carcinogenic, Mutagenic or toxic for Reproduction) substances;

Reduce the allowed limits of certain dangerous **chemical substances** like lead or mercury;

Prohibit allergenic fragrances;

Oblige toy manufacturers to issue appropriate **warnings** to improve the prevention of accidents. The Commission will also carry out further work on more detailed guidelines on warnings;

Strengthen the rules to prevent accidents due to **small parts** in toys;

Ban toys firmly attached to a food product at the moment of consumption (which require food to be consumed before getting access to the toy), while at the same time **establishing safety requirements for packaging used to separate toys from food products;**

Require toy manufacturers to establish comprehensive technical information for all their toys to allow

Market Surveillance authorities to check the design and manufacture of the toy;

Foresee **testing of toys through independent laboratories where no standards** for toys yet **exist** (e.g. for toys with magnets);

Reinforce the importer's responsibility for ensuring that toys imported into the EU are safe;

Enhance the **visibility of the CE mark** on the toy;

Oblige Member States to **strengthen market surveillance and controls** on the spot and at the EU-borders,

Oblige Member States to lay down impose **penalties** if toy manufacturers/importers do not produce toys in line with the safety requirements of the Directive.

The Commission proposal will now be discussed with the European Parliament and the Council of Ministers with a view to an adoption in the co-decision procedure.

Further details can be found on: http://ec.europa.eu/enterprise/toys/index_en.htm



9th World Conference on Injury Prevention and Safety Promotion

Date: 15-18 March 2008

Place: Merida, Mexico



The World Conference on Injury Prevention and Safety Promotion is a platform for sharing the latest scientific knowledge on preventing violent and injury-related death and disability. It will draw more than 1500 leading researchers, practitioners, policy-makers and advocates.

Participants will share information and experiences, discuss current approaches and plan next steps in data collection, policy development, services for victims and prevention. Special attention will be given to globalization and its implications for violence and injury prevention.

In conjunction with the conference, the Mexican government will host a regional meeting on violence and injury prevention for Ministers of Health of the Americas on 14 March 2008.

The meetings are co-sponsored by WHO and Mexico's Ministry of Health.

ISCAIP Profile



The **International Society for Child and Adolescent Injury Prevention (ISCAIP)** is an association which was created 15 years ago by motivated professionals to address the issue of injuries in children. ISCAIP has a dedicated membership interested in addressing childhood injuries through research, policy development, and implementation of programs. With over 10 years of experience, ISCAIP intends to promote evidence based actions for the reduction of childhood injuries around the world.

ISCAIP BOARD:

Adnan Hyder, USA President

Gopalkrishna Gururaj, India Secretary

David Schwebel, USA Treasurer

Regional Representatives:

Mariana Brussoni Americas

Hesham El-Sayed Africa

Krishnan Rajam Asia

Dario Gregori Europe

Ann Weaver Australia/Pacific

Jean Simpson Australia Pacific

Injury Prevention Editor:

Brian Johnston

ISCAIP's **goal** is to promote a reduction in the global burden of injuries to children and adolescents through international collaboration. The **specific objectives** of ISCAIP are to:

- Provide a multidisciplinary forum for global dialogue
- Assist in providing advocacy at national and international levels
- Foster national and international injury prevention initiatives
- Stimulate the translation of research findings into programs and policies
- Facilitate collaborative and interdisciplinary international research

The Society is governed by an eight-member Board, comprising of the President, Secretary, Treasurer, and representatives from the following regions: Africa, Americas, Asia, Australia, Europe. The term of each Board member is 3 years and all members are eligible for election.



The Society promotes the exchange of ideas, science, and experience among members to facilitate international collaborations, activities, and seminars on research, programming, and policy.

JOINING

Membership to the Society is open to any person with an interest or involvement in the prevention or treatment of injuries to children and adolescents. Injury prevention is a multidisciplinary endeavor and the ISCAIP membership reflects a broad range of interests and expertise. Members include health practitioners, pediatricians, researchers, educators, engineers, architects, legislators, public safety professionals, media, students and representatives from the private sector or government institutions. The Society is equally interested in having participation from both the developed and the developing world.

ISCAIP membership provides access to:

- A website that serves as a virtual home for the Society
- A database of the international child and adolescent injury prevention community
- Experts across disciplines and information from a variety of sources
- An internet discussion group that promotes dialogue around pressing issues regarding injury (ISCAIP/Yahoo Health Discussion Group)
- International meetings with reduced registration for ISCAIP-organized events
- Notifications of grants and funding opportunities
- Discount for an email or print subscription to Injury Prevention, the Society's recommended journal (to obtain this please contact the BMJ fulfillment department direct on subscriptions@bmjgroup.com)

To join the ISCAIP list serve on Yahoo Groups first go to the following website

<http://health.groups.yahoo.com/group/ISCAIP/> and click on the "Join this Group" icon. If you have a Yahoo ID and password, "Sign In", if you do not then you can "Sign Up" for a new Yahoo ID. Once you have logged on using your Yahoo ID you will be asked to complete a form to request membership to the ISCAIP list serve. Once you have submitted this form, the ISCAIP moderator will approve the request and you will have access to ISCAIP on Yahoo Groups. Please note, the moderator will only approve membership requests to the list serve if the person requesting membership is already a member of ISCAIP.



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