

# Canadian Hospitals Injury Reporting and Prevention Program (CHIRPP) and other injury prevention highlights – 25 Year Timeline



1990

## LAUNCH

of Children's Hospitals Injury Research and Prevention Program (CHIRPP) with 10 pediatric hospitals

- Janeway Children's Health and Rehabilitation Centre, St. John's, NL
- Izaak Walton Killam - Grace Health Centre, Halifax, NS
- CHU Sainte-Justine, Montreal, QC
- Montreal Children's Hospital, Montreal, QC
- Children's Hospital of Eastern Ontario, Ottawa, ON
- The Hospital for Sick Children, Toronto, ON
- Children's Hospital at London Health Sciences Centre, London, ON
- Winnipeg Children's Hospital, Winnipeg, MB
- Alberta Children's Hospital, Calgary, AB
- British Columbia's Children's Hospital, Vancouver, BC

1994

## CHIRPP News,

an eight-page newsletter containing brief reports about selected types of injuries and news of activities at participating hospitals and at the Child Injury Division (CID), is introduced and released 3 times per year



1992

## changes its name

to Canadian Hospitals Injury Reporting and Prevention Program after the addition of general hospitals to the program

1997

## Migration

of CHIRPP database to a custom designed Oracle platform due to expanding number of records

CHIRPP News publishes the results of a comparison study of injuries on the main types of playground equipment, highlighting the importance of providing energy-absorbing surfaces, since 65% of the injuries occurred from falls from equipment



1999

## The Canadian Collaborating Centres for Injury Prevention (CCCCIP) is created

2000

10<sup>th</sup> Anniversary of CHIRPP

1,000,000 CHIRPP records

2003

Canadian Injury Prevention Curriculum launched by CCCIP

## Development

of the first Nova Scotia Injury Prevention Strategy, resulting in new programs, partnerships, and initiatives

2004

## Evidence to action:

CHIRPP data help inform baby walker ban in Canada (sale, manufacturing, advertising, distribution and importation)

2012

## Addition

of two general hospitals

- Carbonear General Hospital, Carbonear, NFLD
- Kelowna General Hospital, Kelowna, BC

## Nova Scotia

is first jurisdiction worldwide to legislate mandatory all-ages helmet use while skiing and snowboarding

## Parachute Created

from merger of SafeKids Canada, ThinkFirst Canada, Safe Communities Canada, and SMARTRISK

## Key Report

• Injury in Review 2012 Edition: Spotlight on Road and Transport Safety

2009

2,000,000 CHIRPP records

## Addition

of one pediatric hospital

- Stollery Children's Hospital, Edmonton, AB

## Key Reports

• Child & Youth Injury Review 2009 Edition: Spotlight on Consumer Product Safety

• Economic Burden of Injury in Canada report (SMARTRISK)

2015

25<sup>th</sup> Anniversary of CHIRPP

2,800,000 CHIRPP records

## 100+ peer-reviewed studies

published to date. Topics range from playground equipment, brain injuries, off road vehicles, sports, and many others

## Key Reports

• Cost of Injury in Canada report by Parachute, Conference Board of Canada and Public Health Agency of Canada (PHAC)

• Canadian Injury Prevention Resource document by Parachute with funding from PHAC

2014

## Pilot Project

HEADS-ED in Children's Hospital of Eastern Ontario initiated to improve self-inflicted injury data collection

## Addition

of six general hospitals to the program

- Stanton Regional Hospital, Yellowknife, NT
- Hôpital de l'Enfant-Jésus, Quebec, QC
- Sioux Lookout Zone Hospital, Sioux Lookout, ON
- Kingston General Hospital, Kingston, ON
- Hotel Dieu Hospital, Kingston, ON
- Centre hospitalier régional de Rimouski, Rimouski, QC

1991-94

## LAUNCH

of the Injury Section Website by the Laboratory Centres for Disease Control (LCDC) with a record of 900 visits per week by 1998



1996

## LAUNCH

of first Safe Kids Week

1995

## Evidence to action:

• CHIRPP data (including Kingston study by Mowat et al.) help inform new Canadian Standards Association guidelines on children's playspaces and equipment

• Montreal Children's Hospital Trauma Centre and CHIRPP data help inform by-law banning trampolines from English Montreal School Board's phys-ed programs

1998

## Evidence to action:

Montreal Children's Hospital Trauma Centre is the first Pediatric and Adolescent Trauma Centre to sound the alarm about concussions in hockey and other contact/collision sports

2002



## Enactment of the minimum-age legislation for ATV use

in Nova Scotia

2005

2001

CHIRPP undergoes formal evaluation (Hayes et al.)

2006

## Evidence to action:

• CHIRPP data help inform Hockey Canada's ban on body checking among 9-10 year old boys. A 2006 study by McPherson et al. showed increased risk of injury associated with body checking

• CHIRPP data used to demonstrate injuries related to single pronged display hooks and the potential danger to consumers of all ages. To date, the Hudson's Bay stores have changed over 10 million display hooks, Chapters has changed all of its display hooks, as have the Sony stores, the Disney Stores and the Gap worldwide

2010

20<sup>th</sup> Anniversary of CHIRPP

CHIRPP Modernization plans underway, creation and implementation of

## eCHIRPP

via Canadian Network for Public Health Intelligence (CNPHI)

## Evidence to action:

• CHIRPP + PreVAil Network - launches expansion of CHIRPP for intentional injury surveillance

• CHIRPP data from Montreal Children's Hospital help topple Quebec ban on wearing turbans while playing soccer

2013



## eCHIRPP injury syndromics (early warning rules) development and testing

2015+

- LEGEND
- Launches
  - Additions of new site
  - Evidence to action
  - News
  - Milestones
  - Key Reports