

Contents

Foreword xi

INTRODUCTION 3

Aims of Project 4

Facets of Unintentional Injury Prevention 5

Unintentional Head and Spinal Cord Injuries across the Lifespan 6

Evaluation Framework and the BRIO Case Study Model 11

Methodology 13

Implementation of Best Practices Survey 20

Summary of Criteria 22

Prologue to the Case Studies 23

CASE STUDIES 25

Prevention of Asphyxiation-Related Injuries 27

Best Practices

Pool Fencing: Effectiveness of Legislation and Education 29

Prevention of Motor and Other Road Vehicle-Related Injuries 39

Best Practices 41

Red Light Camera Enforcement 41

Roundabouts 48

Rumblestrips 60

Child Pedestrian Injury Prevention Project (CPIPP) 67

RoadWise: A Manitoba Public Insurance Safety Campaign 78
SafetyBeltSafe U.S.A. 88

Promising Practices 96

Retro-Reflective Clothing 96

Intelligent Traffic Signals for Pedestrian Detection 99

SAFE KIDS Buckle Up: A National SAFE KIDS

Campaign Project 103

The PARTY Program 108

HEROES 118

Prevention of Sports, Playground, and Recreation-Related Injuries 125

Best Practices 127

Bicycle Helmets: Educational and Legislative Intervention to Increase Use in Victoria, Australia 127

Snowmobile Trail Officer Patrol Program (STOP) 135

Promising Practices 142

The Varsity Athlete Concussion Research Project 142

Fair-Play Rules in Youth Ice Hockey 145

The National Action Plan for the Prevention of

Playground Injuries 147

Prevention of Farm-Related and Occupational Injuries 151

Best Practices 153

Tractor Rollover Protective Structure (ROPS) Rebate Scheme 1997/98 153

Promising Practices 162

Small Business Falls Prevention Project 162

North American Guidelines for Children's Agricultural Tasks (NAGCAT) 173

Farm Response Program 176

Prevention of Fall-Related Injuries 179

Best Practices 181

Children Can't Fly: A New York Department of Health Initiative 181

Tai Chi and Computerized Balance Training for Falls Prevention in Older Adults 186

Multiple-Risk-Factor Reduction Strategy for Falls Prevention in Older Adults 195

No Falls! No Fear! Prevention Project 203

Comprehensive Community-Based Prevention Strategies	213
<i>Best Practices</i>	215
Harlem Hospital Injury Prevention Program: Safe Kids / Healthy Neighbourhoods	215
Think First Foundation: A National Brain and Spinal Cord Prevention Program	223
Latrobe Safe Communities: Latrobe Valley Better Health Project	236
<i>Promising Practices</i>	249
Risk Watch	249
DISCUSSION AND CONCLUSION	259
General Lessons Learned	261
Moving Towards Evidence-Based Prevention Practices	263
Injuries Are Preventable	263
APPENDIX A: INTERVIEW GUIDE	267
APPENDIX B: INJURY-PRODUCING EVENTS BY AGE GROUP	275
APPENDIX C: SUMMARY TABLES OF CASE STUDIES	276
Asphyxiation-Related Injury Prevention	277
Motor Vehicle and Road-Related Injury Prevention	278
Sports, Playground, and Recreation-Related Injury Prevention	283
Farm-Related and Occupational Injury Prevention	285
Fall-Related Injury Prevention	286
Comprehensive Community-Based Injury Prevention	290
APPENDIX D: CONTACT DIRECTORY	293
General/Other	293
Asphyxiation-Related Injuries	299
Motor- and Other Road Vehicle-Related Injuries	300
Sports, Playground, and Recreation-Related Injuries	307
Farm-Related and Occupational Injury	313
Fall-Related Injury	317
Comprehensive Community-Based Strategies	322
APPENDIX E: URLS FOR INJURY PREVENTION AND CONTROL RESEARCH CENTRES	325
Canada	325
United States	325
International	326
APPENDIX F: RESEARCH TEAM PROFILE	328

X CONTENTS

APPENDIX G: CONSORTIUM MEMBERS PROFILE	331
APPENDIX H: PARTNER LIST	334
APPENDIX I: INDEX OF CD CONTENTS	336
REFERENCES	337
INDEX	365