

P.A.R.T.Y. Program

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Identifying Need

- ▶ In Colorado from 2015 – 2017, 219 drivers aged 20 or younger were killed in motor vehicle crashes with DUI's, distracted driving, and inexperience leading the list for contributing factors
- ▶ According to the 2017 Healthy Kids Colorado Survey, in the past 30 days, 36% of students reported texting or emailing while driving and 5% reported never or rarely wearing a seatbelt when riding in a car driven by someone else
- ▶ Target zip codes with the highest teen driver crash fatalities in the state (Colorado Hospital Association and Emergency Department data)
- ▶ In 2016 and 2017, the University of Colorado Hospital trauma registry data showed that 33 - 35% of 15-19 year olds entered into the registry had motor vehicle or motorcycle crashes as the major mechanism of injury

Intervention Design

- ▶ Program developed in Canada and modified for our regions
- ▶ High School students in counties surrounding our various hospitals
- ▶ Partner with the Colorado State Patrol, Colorado Department of Transportation, local ambulance companies, grief support groups and numerous units within the hospitals
- ▶ Five hour, in-hospital injury awareness and prevention program to reduce death and injury in alcohol, drug and risk-related crashes and other incidents
- ▶ Provide high school students with information about traumatic injury that will enable them to recognize potential injury producing situations, make safer choices and adopt behaviors that reduce risk.

Program Implementation

- ▶ Students are introduced to the program through the anatomy of a trauma presentation. Each step advances their knowledge of the ripple effect by visiting a crash car, interacting with local EMS, learning the roles of a trauma team activation, and exposing them to units influenced by a trauma.
- ▶ Students participate in stations simulating TBI, spinal cord injuries, distracted driving and driving under the influence
- ▶ Survivors share stories about destructive decisions made and the ripple effect of those influenced by a trauma
- ▶ Grant through CDOT provides funding for 3 coordinators, lunch for students, and equipment to run the program
- ▶ Offer a P.A.R.T.Y. on the Road program which modifies the in-hospital program, and meets the needs of schools unable to transport students to the hospital

Program Evaluation

- ▶ Students complete a pre-survey of five knowledge based questions on youth driving habits. Students also surveyed on certain self reported driving behaviors.
- ▶ Students complete a post-survey at end of program. Same five questions asked and also how likely they are to continue with previous behaviors now that they have completed the P.A.R.T.Y. program.
- ▶ Students given a 4-6 week and 3 month post-survey which mirrors the pre-test
- ▶ How many schools fall within focused zip codes
- ▶ Partnership with Children's Hospital; analyze data to determine top zip codes for ED visits among youth aged 15-19 years in a motor vehicle crash
- ▶ Problem Identification report showing teen fatalities in Colorado and by county
- ▶ Qualitative – Comments from students to staff or on surveys

Program Outcomes

- ▶ 53 programs in 4 hospitals reaching 1039 students last fiscal year
- ▶ 54% answered questions correctly on pre-test, 81% on post survey, 70% on 4-6 week post and 68% on 3 month post
- ▶ Self-reported driving behavior data currently being analyzed.
- ▶ Poster presentation in 2018 at the Society of Trauma Nurses
- ▶ One time program so have partnered with other organizations in Denver Metro to run a High School Challenge.
- ▶ This program can be implemented in most trauma centers. License required with Sunnybrook Health Sciences Centre