The Development of a Sports Injury Surveillance Registry for Adolescents

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**Background**

- **Sports Injuries:**
  - 1,000,000 sports injuries annually recorded for adolescents ages 10-17 years
  - Lead to losses of thousands of dollars
  - One of the leading reasons for school-related hospitalizations

- **Sports Injury Surveillance:**
  - Needed to capture incidence, prevalence, risk factor, and exposure information
  - No national, state, or local injury surveillance registries for adolescents

**Purpose**

Develop a sports injury registry for high school athletes that will capture exposure and risk factor information leading to targeted ecological interventions.

**Methods**

- **Injury Registry Development**
  - Sports injury surveillance registry for high school athletes developed by the Sports Medicine and Athletic Related Trauma (SMART) Institute in Florida
  - Utilized professional sports injury surveillance software created by Simtrak™.

- **Data Collection**
  - Utilizes the software installed on the laptops of 10 certified athletic trainers (ATCs) from 10 public high schools in Hillsborough County, Florida.
  - At least 1700 athletes in these schools expected to be injured annually
  - Multiple software training sessions for data collection for the ATCs
  - Exporting of collected data to the university for analysis once a week

- **Analysis**
  - **Data Analysis**
    - SAS will be used to analyze all frequency data and to determine significant relationships between the variables and sport injury.