

Implementing Lessons Learned from the Virginia Tech Shootings: Sports Medicine Team Perspectives



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METHOD

Lessons Learned Model

Weber, Aha & Becerra-Fernandez, 2001

Collect, Verify, Store, Disseminate, Reuse

Post-Event Review & Debriefing

Heil et al, 2009

1: Structured Interview with Group Process

Conversational Momentum - Convergence of Experience

2: Collect & Assimilate

Coherence with Theory - Thematic Analysis

3: Cyclical Review & Revision

Verify by Consensus - Crystallize Intuition

Sports Related Deaths

- Summer 74, Alfredo Edmead, Salem Pirates
- Fall 1977, Robert Voorhies, Virginia Tech
- Spring 1990, Ronaldo Romero, Gastonia Rangers
- Spring 1990, Hank Gathers, Loyola Marymount University
- 1995-2001, 21 Heat Related Deaths
- 2003, 3 Football deaths related to the head and neck
- Summer 01, Korey Stringer, Minnesota Vikings
- Summer 01, Rashidi Wheeler, Northwestern
- Summer 05, Aaron O'Neal, Missouri
- Summer 06, Dale Lloyd, Rice
- Winter 01, Devaughn Darling, Florida State
- Summer 04, Rhonda Pierce, Florida State
- Summer 01, Eraste Autin, Florida
- Winter 01, Dale Earnhart, Nascar
- Spring 00, Adam Petty, Nascar
- Winter 07, Keely Dorsey, South Florida
- Spring 07, Kayte Jones, Union Station Pistols (SB)
- Fall 07, Amy Moxie, Clemson
- Spring 04, Richard Jones, Canisius (BB)
- Fall 06, Dale Lloyd, Rice (FB)
- Spring 07, Guy Alang-Ntang, Wichita State Signee
- Winter 03, Steve Belcher, Baltimore Orioles
- Summer 03, Julian Yearwood, Wichita Stealth, Football
- Fall 07, Darcy Robinson, Asiago Hockey
- Summer 07, Mike Coolbaugh, Tulsa Drillers (Foul Ball)
- Spring 07, Arielle Newman, Track (Methyl Salicylate Overdose)
- Spring 08, Ereck Plancher, FB, UCF
- Spring 08, Deshean Porchea, Basketball, Alabama State
- Summer 08, Chad Wiley, FB, NC A&T



Non-Athletic Related Deaths

1988 Bob Walters, Coach, Western Carolins, Illness
1998 Eddie Ferrell, Trainer, Virginia Tech, Suicide
1986 Len Bias, Celtics/Overdose
2007 Bluffton Baseball, 6 deaths/Bus Crash
2007 Josh Hancock, St. Louis Cardinals, Auto Accident
2002 Darryl Kyle, St. Louis Cardinals
1979 Thurman Munson, NY Yankees/Plane Crash
2006 Cory Lidle, NY Yankees/Plane Crash
2003 Pat Tillman, Arizona Cardinals/Military
2003 Carlton Dotson, Baylor Basketball/Murder-Gun Shot
2006 6 players shot, Duquesne Basketball (all survived)
1997 Arkansas Football Player Suicide
2006 Brian Pata, Miami Hurricanes/Murder-Gun Shot
1995 Red Edmonds, Coach, Tusculum College/Suicide
2005 Hurricane Katrina
1999 Hurricane Floyd
1998 Texas A&M Bondfire
1998 Kentucky Football Player dies in alcohol related car crash
1970 14 Wichita State Football players die in plane crash
1931 Knute Rockne, plane crash, ND Head Football Coach
2007 Jonathan Baily, Rice Basketball Player , Heart
2007 Wally Pontiff, LSU Baseball Player, Heart
2007 Terry Hoepfner, IU Football Coach, Cancer
2007 Taylor Bradford, Memphis Football Player Shot
2007 De'Andre Adams, Wichita State Basketball, Car Wreck
2007 Damien Nash, Denver Broncos, Heart
2007 Darrent Williams, Denver Broncos, Shooting
2005 Brandon Middleton, NFL, Sleep Apnea
2003 Billy Gaines, PITT, Alcohol Accident
2003 Haris Charalambous, Toledo, Aneurism
2008 Meghan Kelly, Fl. Southern, Traffic Accident
2008 Mitch Farney, Hawaii FB
2008 Brentdrick Walker, Hardin-Simmons FB, Motorcycle Accident
2008 J.D. Burroughs, VT, Auto Accident
2008 Drew Wallace, Roanoke College
2008 David Hildebrandt, MBB Coach, Elms College, Drowning
2008 Kelly Roggensack, CC, Franciscan College, Vehicle Accident
2008 Shawn Coin, Youngstown State Video Coordinator

Sept. 11, 2001 Mari Rae Sopper, Coach, UC Santa Barbara
Sept. 11, 2001 Ace Bailey, Director of Pro Scouting, LA Kings
2001 2 players, 6 staff die in plane crash, Oklahoma State
1999 Payne Stewart and crew die in plane crash, PGA
1996 Rodney Culver, San Diego Chargers
1996 Brook Berringer dies in plane crash 2 days before NFL draft
1993 Davey Allison and crew die in plane crash, Nascar
1993 18 players and 5 staff die in plane crash, Zambia National Soccer Team
1993 Allan Kulwicki dies in aircraft crash, Nascar
1985 6 members of Iowa State Women's cross country team die
1980 Bo Rein dies in plane crash, LSU Football Coach
1977 14 players and 1 coach dies in plane crash, University of Evansville
1970 36 players and several staff members die in a plane crash, Marshall University
2005 Bradley Mosley, Cancer, South Florida
2001 Patrick Payton, Motorcycle Accident, South Florida
2005 Brandon Falkner, Murdered by teammate, Arizona State
2007 Kasey Davis, Murder, TCU, Gun Shot
2007 DeAndre Adams, Winthrop, Car Accident
2007 Marquise Hill, New England Patriots, Jet Ski Accident
2006 Maggie Dixon, Army Women's Basketball, Heart
2002 Brandon Fails, Texas A & M, Football, Heart
2007 Michael Guilford, Florida Football, Motorcycle Wreck
2007 Joe Kennedy, Toronto Blue Jays, Unknown
2007 Sean Taylor, Washington Redskins, Murder/Gun Shot
2007 Patrick Woehner, Wabash Swimmer, Accidental Fall
2008 Michael Hutts, Georgia Tech, Drug Overdose
2008 Brock Pigorsch, York WR, Van Accident
2008 Taylor Roark, Henderson State, Bb, Car Accident
2008 Danny Sickles, Missouri Southern, Bb
2008 Monterio James, Delta State
2008 Brian Mehan, Plattsburgh State, Bb, Cancer
2008 Todd Doxey, Oregon, Drowning
2008 Kevin Bryant, Illinois Wesleyan, Rafting Accident
2008 Kristen Dickmann, Navy VB
2008 Chelsi Peterson, BY, T & F, Car Accident
2008 Larry Carlson Thomas, Presbyterian, FB, Car Accident
2008 Jonathan Lavin, Francis Marion Golfer, Traffic Accident

School Deaths

- University of Texas at Austin massacre - Austin, Texas, August 1, 1966
- Kent State shootings - Kent, Ohio, May 4, 1970
- Jackson State killings - Jackson, Mississippi, May 14-15, 1970
- California State University, Fullerton Library Massacre - Fullerton, California, July 12, 1976
- Brenda Ann Spencer, Cleveland Elementary School - January 29, 1979
- Parkway South Junior High School shooting - Saint Louis, Missouri, January 20, 1983
- Stockton massacre - Stockton, California, January 17, 1989
- École Polytechnique Massacre - Montreal, Quebec, December 6, 1989
- University of Iowa shooting - Iowa City, Iowa, November 1, 1991
- Concordia University massacre -Montreal, Quebec, August 24, 1992
- Simon's Rock College of Bard shooting - Great Barrington, Massachusetts, December 14, 1992
- Richland High School shooting - Lynnville, Tennessee, November 15, 1995.
- Frontier Junior High shooting - Moses Lake, Washington, February 2, 1996
- Pearl High School shooting, Pearl, Mississippi, October 1, 1997
- Heath High School shooting, West Paducah, Kentucky, December 1, 1997
- Jonesboro massacre - Jonesboro, Arkansas, March 24, 1998
- Thurston High School shooting - Springfield, Oregon, May 21, 1998
- Columbine High School massacre - Littleton, Colorado, April 20, 1999
- Heritage High School shooting - Conyers, Georgia, May 20, 1999
- Santana High School - Santee, California, March 5, 2001
- Appalachian School of Law shooting - Grundy, Virginia, January 16, 2002
- Monash University shooting - Melbourne, Australia; October 21, 2002
- Rocori High School shootings - Cold Spring, Minnesota, September 24, 2003
- Southwood Middle School tragedy, Miami, Florida; February 3, 2004
- Red Lake High School massacre - Red Lake, Minnesota, March 21, 2005
- Campbell County High School - Jacksboro, Tennessee; November 8, 2005
- Dawson College shooting - Montreal, Quebec, Canada; September 13, 2006
- Platte Canyon High School shooting - Bailey, Colorado, September 27, 2006
- Amish school shooting - Nickel Mines, Lancaster County, Pennsylvania, October 2, 2006
- Weston High School shooting, Cazenovia, Wisconsin September 29, 2006
- Henry Foss High School - Tacoma, Washington, January 3, 2007
- Virginia Tech massacre - Blacksburg, Virginia, April 16, 2007



LESSONS LEARNED REPORT

Shock & Recovery
The Leader / Helpers Dilemma
Turning Points
Philosophic Perspectives
Action Response
A Banner Year for VT Athletics

Shock & Recovery



Shock & Recovery



SHOCK

Memory Disruption

Gaps – Vivid Recollections

Sleep Disturbance

Immediate Aftermath

Time Distortion

Long Duration

Emotional Response

Cycling

Shock & Recovery



RECOVERY

Emotional Equilibrium

Facilitated by Action

Frustrated by Logistics

RESPONSE over TIME

Protracted - Scale of Events

"+" Factor

Genuine Support - Unified Community

"-" Factor

Exploitation - Media



Today we are all Hokies.

The Leader / Helpers Dilemma

Personal Loss

Professional Responsibility

Redefining Role

Respect for the Dead

Care for the Living

The Leader / Helpers Dilemma

REDEFINING ROLE

"Head Down, Feet Moving"

Action over Chaos

Goforth Power Point

ROLE

Core Values - Student Welfare

Reaching Out to All

Beamer at Hospital

The Leader / Helpers Dilemma

Respect for the Dead

&

Care for the Living

Suspension of the Ordinary

As Respect During Crisis

&

Value of Sport to Athletes

Value of Sport to Community



TURNING POINTS

First Sports Event- Baseball
Beginning to Move Forward

First Football Game
A National Memorial

VT Baseball v NY Yankees
Bringing Closure

TURNING POINTS

VT Baseball
*Beginning to Move
Forward*

4 Days Later
4,000 Attended
Baseballs at Memorial
Sense of Normalcy



TURNING POINTS

1st Football Game

National Memorial

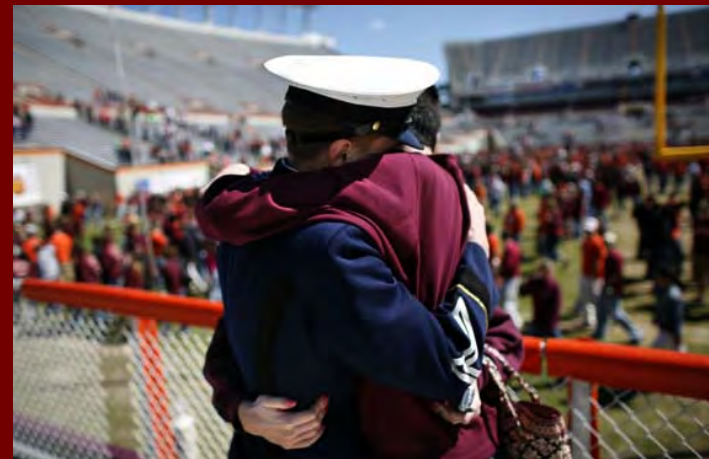
Athletic Event

Community Festival

Challenge

Playing the Game

Hosting a Memorial



TURNING POINTS

VT Baseball

v

NY Yankees

Bringing Closure

Academic Year

Sports Season

Period of Mourning

Celebration



Perspectives on Lessons Learned

Reassessment – Personal & Professional

Philosophic Perspectives

Action Response

A Banner Year for VT Athletics

Philosophic Perspectives

**Power of
Information**

Good News

Relief

Bad News

**What Needs to be
Done**

*"Tell people what
you know & tell
them what you
don't know but be
sure to
communicate"*

Philosophic Perspectives

REVALUING SPORT

Well Being

Health & Emotional Support

Shared Bond

Rivals & Community

Celebration of Human Condition

ACTION RESPONSE

Communication

Quick Team Communication Plan

Crisis Management

Support System

Expand Concept & Service Plan

Mass Casualty Training

VCOM Medical School

Banner Year for VT Athletics

REVALUING SPORT

Practical & Philosophic

ReFocus on Core Values

Work Ethic - Meaning of Sport

Role as Standard Bearer for VT

