
NTDB™ data points

“Study this”

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When looking at the introduction in the *Annual Report for 2003* of the National Trauma Data Bank™, the following statement stands out: “The purpose of this report is to inform the medical community, the public, and decision makers about a wide variety of issues that characterize the current state of care for injured persons in our country. It has implications in many areas, including epidemiology, injury control, research, education, acute care, and resource allocation.”

To that end, we wish to highlight a few of the 105 studies, reports, and analyses that have been performed to date on the information contained in the National Trauma Data Bank. The table on this and the next page is a sampling of these activities.

As evidenced by the depth and breadth of topics listed, the goals of the largest accumulation of trauma data anywhere are being met. These data are open to researchers and other interested parties. There is an online data application at <http://www.facs.org/trauma/ntdbapp.html> and an NTDB Reference Manual available as well at <http://www.facs.org/trauma/ntdbmanual.pdf>.

The American College of Surgeons Committee on Trauma encourages you to take a look and make a request for these data.

Project title

A Need for Trauma System Reorganization in the Changing Surgical Educational Environment
A New Measure of Injury Severity Based on ICD-9 Injury and Pre-Existing Condition Codes
A Phase II/III Randomized, Controlled and Open-Labeled Trial of a Second Generation HBOC for the Pre-Hospital Resuscitation of Hemorrhagic Shock Patients
Assessment of Potential Usage of Hemostatic Bandage in Non-Military Trauma Setting
Base Deficit in the Pediatric Population: A Predictor of Outcomes?
Benchmarking, Withdrawal of Care, Variability in Diagnosis & Management and Research into Evaluating, Improving, and Auditing the NTDB
Burn Patient Mortality National Trends
Characteristics of Near-Fatal Suicide
Coordination, Communication, Expertise, and Information Technology Use in a Dynamic Environment
Current Screening Criteria for Blunt Cerebrovascular Injury (BCVI) May be Inadequate
Data Visualization to Identify Trauma Patients at Risk for Medical Error
Determining the Cost of Trauma
Distal Radius Fractures in Elderly Patients
Does ICP Monitoring Affect Outcome In Severely Brain-Injured Patients?
Effect of AAST Injury Scale on Outcome in Pediatric Splenic Trauma
Effects of Ultrasound FAST Exam in Decreasing Time to OR in Patients with Hemoperitoneum Due to Blunt Trauma Injury
Evaluation of NTDB As Reference Database for Trauma Center Outcome Studies
Examination of Injury Severity and Hospital Charges by Mechanism of Injury in Pediatric Patients
Functional Outcome of Trauma Patients Admitted to Higher Versus Lower Level or Undesignated Centers
Functional Status following Blunt and Penetrating Carotid Artery Injuries
Gender Differences in Outcomes in Pediatric Trauma
Identifying Quality Outliers Using Severity-Adjusted Mortality Rates or Functional Discharge Status: Does It Make a Difference?
Impact of Obesity on Outcome of Trauma Patients
Incidence of VAP Caused by Gram-Negative Bacilli in Trauma ICU Patients
Infections Complications in Trauma Patients—Does Hypothermia Increase the Risk?
Intra-Abdominal Peritoneal Lavage Study following Abdominal Trauma
Morbidity and Mortality Associated with Airbag Deployment in Children
Mortality after Pelvic Fracture: The Effects of Hemodynamic Shock and the Use of External Fixation
National Assessment of Alcohol-Related Injury: Do We Have An Estimate of the Impact?
National Variability in Pre-Hospital Care for Trauma
Neural Network Decision Algorithm for Pre-Hospital Injury Severity Risk Assessment
Never Too Old: National Survey of Intentional Injury in the Elderly Using the NTDB
Partnership for Development and Dissemination of Outcomes Measures for Injured Children
Patterns of Trauma in Middle Aged Motorcyclists
Potential Patient and System Factors That Influence Discharge from Acute Care to Inpatient Rehabilitation
Predictive Value of Early Hospital Assessment on Outcome in Pediatric Trauma
Presence of Emergency Medicine Residency Programs at Level I Trauma Centers: Is There an Effect on Trauma Patient Outcome?
Prognostic Indicators Predictive of Mortality in Geriatric Patients: When Is Resuscitation Futile?

continued on next page

It is through evaluation and research that we further the care of the injured patient.

Throughout the year we will be highlighting these data through brief monthly reports in the *Bulletin*. For a complete copy of the National Trauma Data Bank *Annual Report 2003*, visit us online at our Web address, <http://www.ntdb.org>.

If you are interested in submitting your trauma center's data, contact Melanie L. Neal, Manager, NTDB, at mneal@facs.org.

Project title (continued)

Re-Calculation of TRISS Survival Statistic Co-Efficients Utilizing the NTDB Data Set
 The Burden of Suicide on Trauma Centers
 The Combinations of Race and Ethnicity on Rates and Results of Drug and Alcohol Screening in Trauma Patients
 The Effect of Payment Source and Race on Resource Utilization and Outcomes Following Major Trauma
 The Effect of Pulmonary Artery Catheter Use on Mortality in Critically Injured Patients
 The Effect of Vena Cava Filters on the Survival of Trauma Patients at High Risk for Venous Thromboembolism
 The Impact of Volume on Geriatric Trauma Outcome
 The Use of Pre-Hospital Data for Mortality Prediction: A Comparison of Neural Networks with Revised Trauma Score
 Trauma and Pregnancies Risk Factors and Outcomes
 Traumatic Hip Fracture Surgery Outcomes and Complications
 Use of Double Contrast CT Scan in Blunt Abdominal Trauma
 Variation in Rates of Tracheostomy in Trauma Patients with Acute Respiratory Failure
 Violence Prevention in Pediatric Population
 Volume-Outcome Relationship in Trauma Centers: Is It a Function of Patient Risk?

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