Title: “Aortography is not indicated in the youngest of pediatric victims of blunt trauma”
Primary Author: Craige Blackmore, M.D.
OEMS Receipt Date: 8/05/1998
Approval Date: Scientific Project Application: 08/21/1998
Abstract: 02/18/1999

Title: Relationship Between Glasgow Coma Score, Survival, and FIM Score in Head injured and Non-injured patients”
Primary Author: Osi Udekwu, M.D.
OEMS Receipt Date: 6/16/1998
Approval Date: Scientific Project Application: 02/18/1999
Abstract:

Title: “A Comparison of Outcomes Between Level I and II Trauma Center Hospitals In Patients With Major Blunt Injuries”
Primary Author: Thomas Clancy, M.D.
OEMS Receipt Date: 4/20/1998
Approval Date: Scientific Project Application: 05/20/1998
Abstract: Manuscript: 02/08/1999

Title: “Helmet Use, Severity of Injury, and Hospital Charges of Survivors of Motorcycle Accidents with Traumatic Head Injuries in the Carolinas”
Primary Author: Michael Thomason, M.D.
OEMS Receipt Date: 3/9/1998
Approval Date: Scientific Project Application:
Abstract:

Title: “AIS Data-Driven Model of Injury Severity”
Primary Author: Robert Rutledge, M.D.
OEMS Receipt Date: 3/9/1998
Approval Date: Scientific Project Application:?
Abstract:

Title: “Assessment of Functional Outcomes Following Traumatic Injury: A Multi-Trauma Center Prospective”
Primary Author: Michele K. Ziglar, RN, MSN
OEMS Receipt Date: 8/1/1997
Approval Date: Scientific Project Application: 8/19/1997
Abstract:

Title: “Brain Injuries in NC”
Primary Author: Nancy Washburn and Cecil Greene, BIANC
OEMS Receipt Date: 7/28/1997
Approval Date: Scientific Project Application: 07/28/1997 (Approved at Task Force Mtg)
Abstract:

Title: “Assessment of the Accuracy of Various Databases in the Evaluation of Trauma Care”
Primary Author: John P. Hunt, MD
OEMS Receipt Date: Initial request 5/29/1997; second request 7/10/1997
Approval Date: Scientific Project Application: Disapproved initially, with final approval 8/1/1997
Abstract:
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<tr>
<td>&quot;Correlation of Hypothermia in Trauma and Patient Outcomes&quot; (topic);</td>
<td>KM Patrick and JE Szalados (UNC Dept. of Anesthesiology)</td>
<td>12/11/1996 (scientific project); 9/16/1997 (abstract)</td>
<td>Pending (10/2/1997)</td>
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<td>and &quot;Retrospective Analysis of Over 21,000 Trauma Patients Using Hypothermia as a Predictor of Mortality&quot; (abstract)</td>
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<td>&quot;Appropriate Use of the Glasgow Coma Scale in Intubated Patients&quot; (scientific project) and &quot;The Conundrum of the Glasgow Coma Scale in Intubated Patients: Elimination of the Verbal Component&quot; (abstract); and &quot;The Conundrum of the Glasgow Coma Scale in Intubated Patients: A Linear Regression Prediction of the Glasgow Verbal Score from the Glasgow Eye and Motor Scores&quot; (manuscript)</td>
<td>Wayne Meredith, MD</td>
<td>11/13/1996 (scientific project); 1/8/1997 (abstract); 9/12/1997 (manuscript)</td>
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<td>&quot;Base Deficit as a Measure of Injury Severity&quot; (scientific project) and &quot;Validating Base Deficit as a Measure of Injury Severity&quot; (abstract)</td>
<td>Robert Rutledge, MD</td>
<td>11/8/1996 (scientific project); 1/8/1997 (abstract)</td>
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<td>&quot;Field Triage of Trauma Patients Based on Assessment of Patient’s AVPU” (scientific project) and (a) “Simplified Field Triage Based Upon Patient Age, ‘AVPU’ and Blood Pressure Outperforms the Revised Trauma Score” (abstract)</td>
<td>Paul Cunningham, MD</td>
<td>11/8/1996 (scientific project); 1/8/1997 (abstract)</td>
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<td>(b) “Validation of Emergency Department AVPU as a Predictor of Outcome in Trauma Patients” (abstract)</td>
<td>Michael Thomason, MD</td>
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<td>“A Validation Study of the Utility of FIM as a Predictor of Resource Utilization &amp; Survival”</td>
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<td>“The End of ISS and TRISS: ICISS, an ICD-9-Based Prediction Tool, Outperforms Both ISS and TRISS as Predictors of Trauma Patient Survival, Hospital Charges, and Length of Stay”</td>
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<td>“Pediatric Trauma: A Regional Analysis of Incidence, Length of Stay, Hospital Charges, Survival &amp; Mechanism of Injury”</td>
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<td>“A Statewide Study of Pediatric Injuries: A Benchmark for Pediatric Trauma”</td>
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<td>Primary Author: Samir Fakhry, MD</td>
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<td>9/20/1996</td>
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<td>“Small Bowel Injuries in Blunt Trauma”</td>
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<td>Primary Author: Robert Rutledge, MD/B. Eugene Parker, Jr., Ph.D.</td>
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<td>“Algorithms for Pre-Hospital Trauma Triage”</td>
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<td>Primary Author: Andy Kiser, MD</td>
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<td>“Delayed Repair of Blunt Tracheobronchial Injuries”</td>
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<td>Primary Author: Michele Ziglar, RN, MSN</td>
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<td>7/15/1996</td>
<td>8/2/1996</td>
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<td>“Implementation of a Model Program to Deal with Substance Abuse Among Injured Patients”</td>
<td>Michele Ziglar, RN, MSN</td>
<td>7/15/1996</td>
<td>8/2/1996</td>
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Title: “Frequency of Hollow Viscus Injury in Children With Solid Viscus Injury from Blunt Abdominal Trauma” (scientific project)
Primary Author: Ronald Sing, DO
OEMS Receipt Date: 7/11/1996
Approval Date: Scientific Project Application: 8/2/1996
Abstract:

Title: “Is There a Difference Between Level I and II Trauma Centers?” (scientific project) and “Outcome Comparisons Between Level I and II Trauma Centers in a Rural State: Is There a Difference? (abstract) and “A Comparison of Outcomes and Resource Utilization Between Level I and Level II Trauma Centers in North Carolina” (abstract 2)
Primary Author: Thomas Clancy, MD
OEMS Receipt Date: 7/11/1996 (scientific application); 2/28/1997 (abstract)
Approval Date: Scientific Project Application: 8/2/1996
Abstract: 4/2/1997
Abstract 2: 5/20/1998

Title: “Development of Pedestrian and Bicyclist Injury Databases” (scientific project)
Primary Author: Jane Stutts
OEMS Receipt Date: 4/2/1996
Approval Date: Scientific Project Application: 4/19/1996
Abstract:

Title: “Splenic Injuries” (scientific project)
Primary Author: John Hunt, MD
OEMS Receipt Date: 4/1/1996
Approval Date: Scientific Project Application: 4/19/1996
Abstract:

Title: “Analysis of Blunt and Penetrating Colon Injury: Repair vs. Colostomy” (scientific project)
Primary Author: Ronald Sing, DO
OEMS Receipt Date: 2/1/1996
Approval Date: Scientific Project Application: 2/16/1996
Abstract:

Title: “Analysis of Traumatic CPR and Survival” (scientific project)
Primary Author: Ronald Sing, DO
OEMS Receipt Date: 2/1/1996
Approval Date: Scientific Project Application: 2/16/1996
Abstract:

Title: “Outcome of Unresponsive Trauma Patients Related to Pre-hospital Airway Control” (scientific project)
Primary Author: Ronald Sing, DO
OEMS Receipt Date: 2/1/1996
 Approval Date: Scientific Project Application: 2/16/1996
Abstract:

Title: “Analysis of the Treatment and Outcome of Blunt Pancreatic Injury” (scientific project)
Primary Author: Edward Bradley, MD/Robert Rutledge, MD
OEMS Receipt Date: 5/15/1995
Approval Date: Scientific Project Application: 5/31/1995
Abstract:
Title: “The Treatment and Outcome of Thoracic Aortic Injuries Secondary to Blunt Trauma” (abstract)
Primary Author: Christopher Baker, MD
OEMS Receipt Date: 2/5/1995
Approval Date: Scientific Project Application: (Filed much earlier)
Abstract: 3/17/1995

Other Scientific Project Applications Approved in 1995:

“The Use of the North Carolina Trauma Registry to Predict the Statewide Events in Trauma: a Prediction of Alcohol Use and Motor Vehicle Crashes and Seatbelt Use in the Entire State of North Carolina, Based on Data in the North Carolina Trauma Registry” (Robert Rutledge, MD, 1/27/1995)

“Study Designed to Analyze the Nonoperative Management of Acute Epidural Hematomas” (Robert Rutledge, MD, 1/27/1995)

“The Frequency and Outcome of Intracranial Pressure Monitoring in Severe Head Injury” (Robert Rutledge, MD, 1/27/1995)

“Injury Prevention Grant Proposal to Cannon Foundation of Concord, NC” (Kathy Dutton, 1/13/1995)

Other Abstracts Approved in 1995:

“The Use of a Weighting Strategy for the Adjustment of Trauma Registry Data to the Population of Trauma Hospitalizations in North Carolina” (Michael Bowling, Ph.D., 12/10/1995)

Routine Data Requests

Title: “ISS range by Level (1 and 2)”
Requesters: Debra Petrarca (Wake)
CDCA Receipt Date: 09/14/2000
Completion Date: 09/15/2000

Title: “Count of admissions and frequency of usage of safety equipment by year by level (1,2, other) of kids le 15.9 years of age who were injured on an ATV (ecode=821)”
Requesters: Heather Keenan (UNC)
CDCA Receipt Date: 08/30/2000
Completion Date: 09/13/2000

Title: “Age, admission count by month, and pediatric admission count by month - by year (1994-1998)”
Requesters: Melinda Bartlett (Pitt)
CDCA Receipt Date: 08/25/2000
Completion Date: 08/25/2000

Title: “Home zipcode frequency. Revised version: separate files by year of admission (1994-1999)”
Requesters: Arvilla Stiffler (UNC)
CDCA Receipt Date: 08/16/2000
Completion Date: 08/23/2000
Revised Version CDCA Receipt Date: 08/23/2000?
Revised Version Completion Date: 08/25/2000
Title: “Incidence where injury zipcode does and does not equal home zipcode”
Requesters: Dale Oller (Wake)
CDCA Receipt Date: 08/21/2000
Completion Date: 08/25/2000

Title: “Burns, Trauma, and Burns with Trauma – Complications, Frequency and ISS
Requesters: Bruce Cairns (UNC)
CDCA Receipt Date: 07/25/2000 (Renewed request from Nov 1999)
Completion Date: 07/28/2000

Title: “LOS (average and total) and Charges by Complications and Ecode Category
Requesters: Melinda Bartlett (Pitt)
CDCA Receipt Date: 07/10/2000. Ecodes received 07/25/2000
Completion Date: 07/26/2000

Title: “Average ICU LOS for 01 Jun 1998 – 01 Jun 1999 for ISS ge 15 for State (minus Mission)”
Requesters: Leanne Adams (Mission)
CDCA Receipt Date: 03/23/2000
Completion Date: 03/28/2000

Title: “Average Age and LOS for 1999 by ISS category for State, Level 1, Level 2 (minus Mission)”
Requesters: Leanne Adams (Mission)
CDCA Receipt Date: 03/13/2000
Completion Date: 03/17/2000 (limited version)

Title: “Average LOS for 1999 by ISS category for State, Level 1, Level 2 (minus Mission)”
Requesters: Leanne Adams (Mission)
CDCA Receipt Date: 02/25/2000, Revised 02/28/2000
Completion Date: 03/01/2000

Title: “Number of children in registry for Jan-Jun 1999”
Requesters: Sue Hohenhaus (OEMS – EMSC)
CDCA Receipt Date: 02/24/2000
Completion Date: 02/24/2000

Title: “Falls by Age Group for ge 50 for 1997”
Requesters: Melinda Bartlett, (Pitt)
CDCA Receipt Date: 02/21/2000
Completion Date: 02/29/2000

Title: “For State excluding Moses Cone, then for Moses Cone alone: Mortality, Hospital LOS, ICU LOS, Hospital Charges, Reimbursed Charges, and Vent days by Year, Blunt, and ISS Category”
Requesters: Annette O’Dell, (Moses Cone)
CDCA Receipt Date: 01/18/2000
Completion Date: 01/20/2000

Title: “Mortality, Hospital LOS, ICU LOS, Hospital Charges, Reimbursed Charges, and Vent days by Year, Blunt, and ISS Category”
Requesters: Annette O’Dell, (Moses Cone)
CDCA Receipt Date: 12/29/1999
Completion Date: 01/03/2000

Title: “Average LOS for 1999 by ISS category for State, Level 1, Level 2 (minus Mission)”
Requesters: Leanne Adams (Mission)
CDCA Receipt Date: 02/25/2000, Revised 02/28/2000
Completion Date: 03/01/2000
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<tr>
<td>“Hospital and ICU LOS by ISS by year by mortality, Mortality by Year.”</td>
<td>Annette O’Dell, (Moses Cone)</td>
<td>12/10/1999</td>
<td>12/14/1999</td>
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<td>“Frequency of chief complaint for all age groups for past three years. Addendum to request on Falls.”</td>
<td>Melinda Bartlett (Pitt)</td>
<td>11/05/1999</td>
<td>11/08/1999</td>
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<td>“Falls over the past three years: multiple descriptive requests.”</td>
<td>Melinda Bartlett (Pitt)</td>
<td>11/05/1999</td>
<td>11/08/1999</td>
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<td>“Rear Seat MVA Passengers ge 12 yo: Outcome and Hospchrg by Restrained/Unrestrained”</td>
<td>Debra Petrarca (Osi Udekwu, Liz Newlin) (Wake)</td>
<td>03/29/1999</td>
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<td>“Transfer rates and Survival”</td>
<td>Natalie Armstrong (Non-NCTR request)</td>
<td>03/19/1999</td>
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<td>“Average Age by Year, Transfer Rate”</td>
<td>Bonnie Snyder (Pitt)</td>
<td>03/18/1999</td>
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<td>“Motorcycle Crash Outcomes by Helmet Use”</td>
<td>Charlie Branas (University of California, Berkeley)</td>
<td>02/22/1999</td>
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<td>“JCAHO Review: Comparison of UNC Data to NTDB Report”</td>
<td>Michele Ziglar (UNC)</td>
<td>02/01/1999</td>
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<td>“Childhood Bicycle Injuries – Effect of Helmet Use on Survival”</td>
<td>Nancy Washburn, BIANC</td>
<td>01/14/1999</td>
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<td>“Bicycle Injuries in Children – Helmet Usage”</td>
<td>Liz Newlin (Wake)</td>
<td>01/11/1999</td>
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Title: “Number of Falls Resulting in Hip Fracture, Age 65”
Requesters: Alice Matthews (New Hanover)
CDCA Receipt Date: 11/13/1998
Completion Date: 11/13/1998

Title: “Count of children 12 and under involved in MVA. Frequency of safety belt use where child died.”
Requesters: Debra Petrarca/Liz Newlin (Wake)
CDCA Receipt Date: 10/29/1998
Completion Date: 10/29/1998

Title: “Halloween Pedestrian vs MV injuries”
Requesters: Sue Ballato (New Hanover)
CDCA Receipt Date: 10/27/1998
Completion Date: 10/27/1998

Title: “Chief Complaint by Age Group”
Requesters: Crela Landreth (Mission)
CDCA Receipt Date: 10/26/1998
Completion Date: 10/26/1998

Title: “Total number of Patients with Procedure Codes of 51.02-51.04 (Cholecystostomy), 51.21-51.22 (Cholecystectomy)”
Addendum: Sort the Above by Existence of Liver or Gallbladder injuries”
Addendum 2: Of the above patients without liver or gallbladder injuries, which ones had dcodes in 575.0-575.4?
Requesters: Debra Petrarca/Dr. Safran (Wake)

Title: “Total number of GSW for 1997 Sorted by Dead/Alive”
Requesters: Debra Petrarca (Wake)
CDCA Receipt Date: 09/16/1998
Completion Date: 09/16/1998

Title: “Children’s Injuries in Bicycle Accidents – Use of Helmets”
Requesters: Jane Stutts (Highway Safety Commission)
CDCA Receipt Date: 09/01/1998
Completion Date: 09/02/1998

Title: “Mechanism of Transport to ED (Helicopter vs Ambulance vs Other) by Seatbelt Use (for Teleconference)”
Requesters: Frank Smith (Governor’s Highway Safety Commission), thru Sharon Rhyne
CDCA Receipt Date: 08/17/1998
Completion Date: 08/20/1998

Title: “Hispanic Population”
Requesters: Bonnie Snyder (Pitt) – for the Registrar’s Research Group
CDCA Receipt Date: 08/08/1998
Completion Date: 08/10/1998

Title: “Domestic Violence”
Requesters: Miriam Ornstein (IPRRC, UNC)
CDCA Receipt Date: 07/21/1998
Completion Date: 08/20/1998 (following several iterations of the request)
Title: “UNC: Distribution of MOI (1997), Monthly Count (1998), and Missing Data (1997)”
Requesters: Michele Ziglar (UNC)
CDCA Receipt Date: 06/18-19/1998
Completion Date: 06/18-19/1998

Title: “Average Length of Stay by Age group: Peds vs Adult”
Requesters: Debra Petrarca (Wake)
CDCA Receipt Date: 05/29/1998
Completion Date: 06/03/1998

Title: “Survival Rate and LOS for ISS > 15”
Requesters: Sharon Lee (Moses Cone)
CDCA Receipt Date: 03/19/1998
Completion Date: 03/26/1998

Title: “Restraints in Drivers Aged 16-19 in MVC”
Requesters: Barbara Ozmar (CMC)
CDCA Receipt Date: 03/12/1998
Completion Date: 03/18/1998

Title: “Penetrating Abdominal Injuries, Head Injuries with 2 or More Long Bone Fractures”
Requesters: Robert Rutledge
CDCA Receipt Date: 02/13/1998
Completion Date: 02/16/1998

Title: “Spleen Injuries”
Requesters: Larry Reed (Duke)
CDCA Receipt Date: 01/30/1998
Completion Date: 02/06/1998

Title: “Head Injuries for MVC and MCC”
Requesters: Tony Goldman
CDCA Receipt Date: 01/14/1998
Completion Date: 01/14/1998

Title: “Hospital-Specific Admission Counts for 1997”
Requesters: Bill Carpenter (UNC)
CDCA Receipt Date: 01/08/1998
Completion Date: 01/08/1998
Request denied: data for 1997 not in registry yet.

Title: “ISS vs Survival by Age Group”
Requesters: Dr. Jacobs/Linda Spallone (CMC)
CDCA Receipt Date: 01/08/1998
Completion Date: 01/08/1998

Title: “Trauma Census, Average LOS, and Payor Mix”
Requesters: Michele Ziglar (UNC)
CDCA Receipt Date: 12/29/1997
Completion Date: 12/31/1997

Title: “Blunt and Penetrating Injuries by Race, Sex, Age, and Drug/ETOH Involvement”
Requesters: Fred Long (Wake)
CDCA Receipt Date: 12/03/1997
Completion Date: 12/08/1997
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<td>“Fluids vs Survival in Blunt and Penetrating Trauma”</td>
<td>Jeff Guy (UNC)</td>
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<td>“Survival Rate and LOS for ISS &gt; 15”</td>
<td>Sharon Lee (Moses Cone)</td>
<td>09/15/1997</td>
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<td>“Medicaid Waiver Background Information”</td>
<td>Anne King</td>
<td>09/09/1997</td>
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<td>“Number of Injuries by ISS Category and Year of Admission”</td>
<td>Herb Garrison (Pitt)</td>
<td>09/04/1997</td>
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<td>“Average LOS and Hospital Charges by Chief Complaint, Insurance”</td>
<td>Bonnie Snyder (Pitt)</td>
<td>08/28/1997</td>
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<td>“Overall Mortality and Trauma Score”</td>
<td>Vivian Watson (Wake)</td>
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<td>“Brain Injury”</td>
<td>Mike Massey</td>
<td>01/15/1997</td>
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<td>“Insurance Status and Transfer Rates”</td>
<td>Ronald Sing and Michael Thomason, MD (CMC)</td>
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<td>“Negative CT Rates”</td>
<td>Barbara Ozmar (CMC)</td>
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