WESTERN TRAUMA ASSOCIATION, INC.

16TH ANNUAL MEETING

March 1 - 8, 1986

Sun Valley, Idaho
1) in vivo identification of motor nerves
2) with cold section
3) tissue adhesive
4) Space occupying to when external fixation pins removed

? Incidence of osteo in external fixation pin track
? Truly rare

1987 Feb 21-28 Jackson Hole

WESTERN TRAUMA ASSOCIATION, INC. 1985-1986

Officers

Rudolph A. Klassen, M.D. President
Robert J. Neviaser, M.D. President-Elect
Robert C. Edmondson, M.D. Vice-President
Stephen Carveth, M.D. Secretary
George Pierce, M.D. Treasurer

Scientific Program

Peter Mucha, M.D.

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John B. Moore, M.D. David E. Street, M.D.

Past Presidents

Robert G. Volz, M.D. 1971 Vail
Robert G. Volz, M.D. 1972 Vail
Peter V. Tear, M.D. 1973 Vail
William R. Hamma, M.D. 1974 Aspen
Arthur M. McGuire, M.D. 1975 Sun Valley
Lynn Ketchum, M.D. 1976 Snowmass
Frederick C. Chang, M.D. 1977 Park City
Glen D. Nelson, M.D. 1978 Steamboat
Gerald D. Nelson, M.D. 1979 Snowmass
Kevin G. Ryan, M.D. 1980 Snowbird
David S. Bradford, M.D. 1981 Jackson Hole
Erick R. Ratzer, M.D. 1982 Vail
William R. Olsen, M.D. 1983 Jackson Hole
Earl G. Young, M.D. 1984 Steamboat
Robert J. Rutherford, M.D. 1985 Snowbird
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March 3, 1986

**SCIENTIFIC PROGRAM**

**Monday Morning**

**Moderator:**
Peter Mucha, Jr., M.D.

**6:30 - 7:00 a.m.**
Breakfast

**7:30 a.m.**
Welcome
Rudy Klassen (President)

**7:45 a.m.**
Extra-Anatomic Bypass for Severe Antecubital Brachial Artery Injuries
David Feliciano
Houston, Texas

**8:05 a.m.**
Hyperbaric Oxygen Therapy and Its Effect on Patients on the Trauma Service
Alan Rosenberger
Denver, Colorado

**8:25 a.m.**
Antibiotic Prophylaxis for Basilar Skull Fractures -- A Comparative Analysis
Richard Frazee
Rochester, Minnesota
Peter Mucha

**8:45 a.m.**
Determinants of Outcome after Pulmonary Contusion
Joel A. Johnson
La Crosse, Wisconsin
Thomas H. Cogbill

**9:05 - 10:30 a.m.**
Discussion

**Monday Afternoon**

**Moderator:**
Peter Mucha, Jr., M.D.

**4:30 p.m.**
Analysis of 300 Emergency Thoracotomies for Penetrating Trauma
Robert F. Wilson
Detroit, Michigan
E. E. Moore

**4:50 p.m.**
Use of the Sutureless Intraluminal Aortic Prosthesis in Traumatic Rupture of the Aorta
Mark T. Metsdorff
Portland, Oregon
Barry C. Earle

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**WTA Membership List**

<table>
<thead>
<tr>
<th>NAME</th>
<th>ADDRESS</th>
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<th>SPECIALTY</th>
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</thead>
<tbody>
<tr>
<td>STREET, David E. (Karen)</td>
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<td>TAWEE, Roy L. Jr. (Joyce)</td>
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<td>TEAL, Peter V. (Margaret)</td>
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<td>THOMAS, J. Herbert, III</td>
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<td>VOLZ, Robert G. (Anne)</td>
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<tr>
<td>WALDRON, John F. (Helen)</td>
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<td>Pediatric Surgery</td>
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<tr>
<td>WATTS, Charles H. (Ruth)</td>
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<td>313-434-6144</td>
<td>Internal Medicine</td>
</tr>
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<td>WHITLEY, Ronald</td>
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<td>Orthopedic Surgery</td>
</tr>
<tr>
<td>Name</td>
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<tr>
<td>Osborne, Robert W. Jr. (Martha)</td>
<td>419 South L Street, Tacoma, WA 98405</td>
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</tr>
<tr>
<td>Phillips, Thomas F. (Bonnie)</td>
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</tr>
<tr>
<td>Pierce, George E. (Carolyn)</td>
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</tr>
<tr>
<td>Polack, Edward P. (Wendy)</td>
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<td>Plastic Surgery</td>
</tr>
<tr>
<td>Ratcliffe, John W. (Joanne)</td>
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<td>General Surgery</td>
</tr>
<tr>
<td>Ratzer, Erick R. (Jeanne)</td>
<td>3 Gimarron Drive, Littleton, CO 80121</td>
<td>O: 803-399-1194</td>
<td>General and Oncologic Surgery</td>
</tr>
<tr>
<td>Rosenberger, Alan (Mary)</td>
<td>4200 W. Conjos Place, Denver, CO 80204</td>
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</tr>
<tr>
<td>Rutherford, Robert B. (Kay)</td>
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</tr>
<tr>
<td>Ryan, Kevin C. (Sue)</td>
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<td>Radiology</td>
</tr>
<tr>
<td>Seibert, Charles E. (Mary)</td>
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<td>Radiology</td>
</tr>
<tr>
<td>Seymore, John (Joan)</td>
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</tr>
<tr>
<td>Sloan, David F. (Anne)</td>
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<td>Plastic Surgery</td>
</tr>
<tr>
<td>Smith, Donald R. (Kathryn)</td>
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<td>O: 318-222-8203</td>
<td>Neurosurgery</td>
</tr>
<tr>
<td>Stoltenberg, John J. (Jennifer)</td>
<td>5830 Oakview Lane, Plymouth, MN 55442</td>
<td>O: 612-786-1850</td>
<td>General Surgery</td>
</tr>
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</table>

**Complete Thoracic and Lumbar Body Dislocation**

Ken Pettine  
Rochester, Minnesota  
Rudy Klassen

**The Medical and Physical Parameters of Motorcycle-Induced Trauma**

James Bried  
Tucson, Arizona  
Robert G. Voit

**Optimal Management of the Multiple Organ Donor**

James A. Edney  
Omaha, Nebraska

**Discussion**

Board of Directors Meeting

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**Not a Substitute for Surgical Fix - an Adjunct**

- Neurovascularization
- Revascularization
- Collagen Sutures
- Wound Killing

**Hep Ischemia - 50% Substantial Improvement**

**Predictors of Mortality**

- 25% Injury Severity Score
- ≤ 7 Glasgow Coma Score
- ≥ 3 units
March 4, 1986

SCIENTIFIC PROGRAM

Tuesday Morning

Moderator:
Tom Cogbill, M.D.

6:30 - 7:00 a.m.

Breakfast

7:30 a.m.

Axillary Subclavian Vein Thrombosis
Sam Snyder
Temple, Texas
Peter Mucha

7:50 a.m.

Tarsal Dislocation, An Uncommon Injury
John G. Cletcher, Jr.
Longmont, Colorado

8:10 a.m.

Diagnostic and Therapeutic Problems
with Renal Injuries
Robert F. Wilson
Detroit, Michigan
E. E. Moore

8:30 a.m.

Life Flight: A Financial Analysis
R. Stephen Lucie
Jacksonville, Florida

8:50 a.m.

Does Euvolemic Autotransfusion Cause
Consumption Coagulopathy? An Answer
Using the Rate of 1725 Fibrinogen
Utilization
Tom Phillips
Brooklyn, New York

9:10 - 10:30 a.m.

Discussion

Tuesday Afternoon

Moderator:
Dave Fuciliano, M.D.

4:30 p.m.

An Audit of Trauma Center Outcome
Howard R. Champion
Washington, D.C.

4:50 p.m.

Natural History of Inferior Vena Cava
Injuries - Nonoperative Management
in a Swine Model
Mitchell G. Posner
Denver, Colorado
E. E. Moore

5:10 p.m.

Financial Implications of Trauma

patients
Steve Dixon
Los Angeles, California
Barry Barzig

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WTA Membership List

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<tr>
<td>LUCRE, Thomas G. (Sally Ann)</td>
<td>8370 West 38th Avenue Denver, CO 80233</td>
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<td>Orthopedics</td>
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<tr>
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<tr>
<td>LUZANSKI, Edward M.</td>
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<td>H: 1445-3700</td>
<td>Emergency Medical</td>
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<tr>
<td>MacCOLLUM (Bliff) H.S. (Fran)</td>
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<td>Orthopedic and Plastic Surgery</td>
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<tr>
<td>MROTE, Kenneth L. (June)</td>
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<td>General and Thoracic Surgery</td>
</tr>
<tr>
<td>MCQUEEN, Arthur W. (Peggy)</td>
<td>3110 Hermitage Road Pebble Beach, CA 93953</td>
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<td>MILLER, Harry C. (Kari)</td>
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<td>Urology</td>
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<tr>
<td>MOORE, E. Eugene (Sarah)</td>
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<tr>
<td>MOORE, John B. (Debbie)</td>
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<td>MUMMA, Peter Jr. (Sonja)</td>
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<tr>
<td>NELSON, Gerald D. (Doris)</td>
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<td>Plastic Surgery</td>
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<tr>
<td>NELSON, Glen D. (Marilyn)</td>
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<tr>
<td>NEVISSER, Robert J. (Anne)</td>
<td>2150 Pennsylvania Ave. N.W. Washington, DC 20037</td>
<td>H: 202-676-7482</td>
<td>Orthopedic Surgeon (Hand)</td>
</tr>
<tr>
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<td>General &amp; Vascular Surgery</td>
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<td>DEMAREST, Gerald B.</td>
<td>221 Lomas, NE, Albuquerque, NM 87101</td>
<td>505-843-2210</td>
<td>General Surgery</td>
</tr>
<tr>
<td>EDMONSON, Robert C. (Ann)</td>
<td>1201 Fairchild Court, Woodland, CA 95695</td>
<td>916-666-1631</td>
<td>Internal Medicine</td>
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<tr>
<td>EDNEY, James A. (Patricia)</td>
<td>Univ. of NE Med. Center, Omaha, NE 68105</td>
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<tr>
<td>ESRIG, Barry C.</td>
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<td>818-572-0112</td>
<td>Thoracic Surgery</td>
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<td>FELICIANO, David (Barbara)</td>
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<td>Plastic Surgery</td>
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<tr>
<td>GEMMA, Frank E. (Lila)</td>
<td>1003 Medical Drive, Killeen, TX 76541</td>
<td>817-532-8050</td>
<td>General Surgery</td>
</tr>
<tr>
<td>GOOD, James T., Jr. (Jan)</td>
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<td>Internal Medicine</td>
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<tr>
<td>GRIFFIN, William T. (Sheila)</td>
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<td>General Surgery</td>
</tr>
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</tr>
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<td>JOHNSON, James H. Jr.</td>
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<tr>
<td>JOSEPH, Jon W. (Irene)</td>
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<td>Orthopedic Surgery (Hand)</td>
</tr>
</tbody>
</table>

Long-Term Arterial Changes Secondary to Traumatic A-V Fistula
Brian McCroskey
Kansas City, Kansas
George Pierce

Mexico City: A Personal Perspective on Effects of the Earthquake
Robert W. Osborne
Tacoma, Washington

Discussion
Executive Board Meeting
Optional—Sleigh Ride

Dinner at The Cabin
Wednesday Morning

Moderator
Ron Linscheid, M.D.

6:30 - 7:00 a.m.
Breakfast

7:30 a.m.
Avascular Necrosis of the Femoral Head
Secondary to Short-Term Steroid Therapy
Peter Teal
Billings, Montana

7:50 a.m.
Three-Wheeler Accidents
Tom Cogbill
La Crosse, Wisconsin

8:10 a.m.
Successful Management of Cardiac
Impalement: The Result of an
Integrated EMS-Trauma System
John W. McGill
Denver, Colorado
E. C. Moore

8:30 a.m.
External Fixation of High Energy
Injuries of the Upper Extremity
Douglas K. Smith
Rochester, Minnesota
Rudy Klassen

8:50 a.m.
Penetrating Injuries of the Diaphragm:
An Analysis of 154 Cases
Robert F. Wilson
Detroit, Michigan
E. C. Moore

9:10 - 10:30 a.m.
Discussion

Wednesday Afternoon

Moderator
Tom Phillips

4:30 p.m.
Major Complications and Deaths Following
984 Consecutive Lapaortomies
Mark Ammons
Denver, Colorado
E. C. Moore

4:50 p.m.
Use of a Hospital Base One Day Surgery
Unit in Emergency Surgery
Jon Joseph
Minneapolis, Minnesota

5:10 p.m.
Results with Liberal Use of Emergency
Center Thoracotomy
Dave Feliciano
Houston, Texas
4:50 p.m. C3 and C4

5:00 p.m. 6.5 cm

5:10 p.m. Ligament repair seems to be a big problem to me.

5:30 p.m. Penetrating Wounds to the Back and Flank: A Reassessment of Mandatory Celiotomy only 1/22 still wound L

5:50 p.m.

6:10 p.m. - 7:30 p.m. Discussion

Basic and Advanced Cardiac Life Support
American Heart Association 1986 Update
Steve Carveth
Lincoln, Nebraska

Ulnar Translation of the Carpus
Ron Link 
Rochester, Minnesota

Penetrating Wounds to the Back and Flank: A Reassessment of Mandatory Celiotomy
Greg Jarkovich
Mobile, Alabama
E. E. Moore

The Clinical Impact of Computed Tomography for Blunt Abdominal Trauma
John Morris
Nashville, Tennessee
Steve Carveth

5:30 p.m.

6:00 p.m.

5:40 p.m.

Surgical Treatment of Radial Collateral Ligament Injuries of the Thumb Metacarpophalangeal Joint
Dave Arnold
Rochester, Minnesota
Ron Link

FEATURED PRESENTATION
(Friends and Families Invited)

Inside Afghanistan, 1985
John W. McGill, M.D.
Denver General Hospital
Denver, Colorado
March 6, 1986

**Thursday Morning**

**Moderator**
E. E. Moore, M.D.

6:30 - 7:00 a.m.

**Breakfast**

7:30 a.m.

*Extravasation Injury, A Complication of Cancer*
Bob Edmonson
Woodland, California

7:50 a.m.

*Early Evaluation of Cardiac Injury by Two-Dimensional Echocardiography in Patients Suffering Blunt Chest Trauma*
Charles Beggs
Thomas S. Helling
Kansas City, Missouri
George Pierce

8:10 a.m.

*Acute Spinal Cord Ischemia: Prevention of Paraplegia with Verapamil*
Joseph Golins
Brooklyn, New York
Thomas Phillips

8:30 a.m.

*Arterial Thromboembolism: A 20-Year Perspective*
Roy Wenn
San Mateo, California

8:50 a.m.

*Enterococcal Infection After Cephalosporin Prophylaxis for Penetrating Abdominal Trauma*
Dave Feliciano
Houston, Texas

9:10 - 10:30 a.m.

**Discussion**

**Thursday Afternoon**

**Moderator**
Peter Mucha, Jr., M.D.

4:30 p.m.

**HYPOTHERMIA - Case Presentations**
Alan Rosenberger
Scott Millikan
Rocky Daly

**Systematic Approach to Therapy - Panel Discussion**
Peter Mucha

5:30 p.m.

**Business Meeting**

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March 7, 1986

**Friday Morning**

**Moderator**
Rudy Klassen, M.D.

6:30 - 7:00 a.m.

**Breakfast**

7:30 a.m.

*Impressionist's Ear - Twentieth Century Vincent Van Gogh*
Brian Scott
Phil Polack
Wheeling, West Virginia

7:50 a.m.

*Factors Affecting the Incidence of "Negative" Laparotomies for Penetrating Trauma*
Robert Wilson
Detroit, Michigan
E. E. Moore

8:10 a.m.

*The Long-Term Results of Swanson Silastic Interposition Wrist Arthroplasty*
Andrew Palmer
Syracuse, New York
Frank Nichols
Rochester, Minnesota
Peter Mucha

8:30 a.m.

*Traumatic Bilateral Renal Artery Occlusion: Successful Outcome Without Surgical Intervention*
Steve Greenholz
Denver, Colorado
E. E. Moore

9:10 - 10:30 a.m.

**Discussion**

**Friday Afternoon**

**Moderator**
Peter Mucha, Jr., M.D.

4:30 p.m.

*The Clinical Trauma Registry: An Application for Microcomputers*
Alan Goldstein
Brooklyn, New York
Thom Phillips

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