

## **CURRICULUM VITAE**

**RICHARD J. MULLINS, M.D.**

**Professor of Surgery**

Trauma/Critical Care Section  
Division of General Surgery  
Department of Surgery  
Oregon Health & Science University  
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### **EDUCATION**

|           |   |
|-----------|---|
| 1966-1970 | Loyola University College of Arts and Sciences<br>Chicago, Illinois<br>Degree: B.S. With Honors |
| 1970-1974 | Tufts University School of Medicine<br>Boston, Massachusetts<br>Degree: M.D.                    |

### **INTERNSHIP**

|           |   |
|-----------|---|
| 1974-1975 | University of Oregon Health Sciences Center<br>Portland, Oregon |
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### **RESIDENCY**

|                        |   |
|------------------------|---|
| 1975-1978<br>1979-1980 | University of Oregon Health Sciences Center<br>Portland, Oregon |
|------------------------|---|

### **FELLOWSHIPS**

|           |   |
|-----------|---|
| 1978-1979 | Research Fellow<br>Trauma Service<br>Detroit Receiving Hospital<br>Department of Surgery<br>Wayne State University<br>Detroit, Michigan |
| 1980-1982 | NIH Postdoctoral Research Fellow<br>Department of Physiology<br>Basic & Clinical Science Trauma   |

Research Training Grant  
Albany Medical College  
Albany, New York

1982-1983

J. D. Martin Fellow in Trauma  
Department of Surgery  
Emory University School of Medicine  
Atlanta, Georgia

### **HONORS AND AWARDS**

1980

Martin Alfred Howard Memorial  
Scholarship Prize  
Good Samaritan Hospital  
Portland, Oregon

1987

Hiram C. Polk Award for Teaching  
Excellence (Given by Chief Residents)

1996

Deans Teaching Award  
Oregon Health & Science University  
Portland, Oregon

2000

Distinguished Alumnus Award  
Oregon Health & Science University  
Department of Surgery  
Portland, Oregon

2006

Marquam Hill Faculty Teaching Award  
Awarded by Chief General Surgery Residents

2007

Barry Goldwater Service Award for a Reserve Surgeon  
Uniform Services Surgical Association

2007

Trauma Achievement Award  
Committee on Trauma, American College of Surgeons

### **BOARD CERTIFICATION**

1981

American Board of Surgery 9-22-81; #36451 recertified 1991  
and 2001.

1987

Added Qualification in Surgical Critical Care; #130 recertified  
1995, 2006.

### **SPECIAL CERTIFICATION**

Advanced Trauma Life Support Instructor

## **MILITARY**

2006-current                      Captain, Inactive Ready Reserve  
United States Naval Reserve

## **LICENSURE**

07-1977-Present                      Oregon -  
07-1978-Present                      Michigan –

## **APPOINTMENTS**

1980-1982                      Instructor in Physiology  
Albany Medical College  
Albany, New York

1982-1983                      Instructor, Department of Surgery  
Emory University School of Medicine  
Atlanta, Georgia

1983-1989                      Assistant Professor (1983-88)  
Associate Professor (1988)  
Department of Surgery  
University of Louisville  
Louisville, Kentucky

1987-1988                      Asst. Chief of Surgery  
V.A. Medical Center  
Louisville, Kentucky

1989-1994                      Associate Professor  
Department of Surgery  
Oregon Health & Science University  
Portland, Oregon

1994-present                      Professor of Surgery  
Department of Surgery  
Oregon Health & Science University  
Portland, Oregon

1989-2001                      Director of Trauma Service  
Oregon Health Sciences University  
Portland, Oregon

2001-6-2007                      Chief, Trauma/Critical Care Section  
Oregon Health & Science University

Portland, Oregon

2007-present  
Professor of Surgery, Trauma/Critical Care Section  
Oregon Health & Science University  
Portland, Oregon

### **PROFESSIONAL ORGANIZATIONS**

|      |  |
|------|--|
| 1981 | Association for Academic Surgery (Senior Member) |
| 1983 | Surgical Infection Society                       |
| 1986 | American College of Surgeons - Fellow            |
| 1986 | Society of University Surgeons (Senior)          |
| 1987 | American Association for Surgery of Trauma       |
| 1989 | Portland Surgical Society                        |
| 1993 | Pacific Coast Surgical Association               |
| 2003 | American Surgical Association - Fellow           |

### **COMMITTEES**

|              |  |
|--------------|--|
| 1989-present | OHSU School of Medicine:<br>Trauma Committee   |
| 2002-2006    | Continuing Medical Education Advisory Committee  |
| 2003-2008    | Promotion and Tenure Committee   |
| 2005-2008    | Department of Surgery, Research Committee.<br>Outside of OHSU                                |
| 2002-2006    | Chair, Injury Research Grant Review Committee,<br>Centers for Disease Control and Prevention |
| 2004-2007    | Outcome Committee: American Association Surgery of<br>Trauma                                 |

### **FUNDED PEER REVIEW GRANTS**

1. 1984-1987 "Effect of Resuscitation from Endotoxin Shock on Interstitial Content"  
Veterans Administration Merit Review Grant
2. 1987-1990 "Regulation of Skin and Muscle Microvascular Permeability during Sepsis"  
Veterans Administration Merit Review Grant
3. 1991-1992 "Regulation of Protein Mass after Acute Hemodilution"  
Medical Research Foundation of Oregon
4. 1992-1995 "Acute Care of Injured Patients in Rural Trauma Centers"  
Centers for Disease Control and Prevention

Public Health Services  
Grant No. CCR006283

5. 1995-98 "Acute Care of Injured Patients in Rural Trauma Centers"  
Centers for Disease Control and Prevention  
Department of Health and Human Services  
Public Health Services  
Grant No. CCR006283
6. 1998-2001 "Acute Care of Injured Patients in Rural Trauma Centers"  
National Center for Injury Prevention and Control  
Centers for Disease Control and Prevention  
US Public Health Service  
Grant No. R49/CCR006283
7. 2001-2004 "Measuring Quality of Care Delivered in a Trauma System"  
National Center for Injury Prevention and Control  
Centers for Disease Control and Prevention  
US Public Health Service  
Grant No. R49/CCR006283

### **PUBLISHED MANUSCRIPTS**

1. Ledgerwood AM, Mullins RJ, Lucas CE. Primary repair versus ligation for carotid artery injuries. *Arch Surg* 1980; 115:488-93.
2. Mullins RJ, Lucas CE, Ledgerwood AM. The natural history following venous ligation for civilian injuries. *J Trauma* 1980; 20:737-43.
3. Sugawa C, Mullins RJ, Lucas CE, Liebold WC. The value of early endoscopy following caustic ingestion. *Surg Gynecol Obstet* 1981; 153:553-6.
4. Mullins RJ, Bell DR. Permeability of rabbit skin and muscle microvasculature after saline infusion. *J Surg Res* 1982; 32:390-400.
5. Bell DR, Mullins RJ. Effects of increased venous pressure on albumin and IgG-excluded volumes in skin. *Am J Physiol* 1982; 242:H1038-43.
6. Bell DR, Mullins RJ. Effects of increased venous pressure on albumin and IgG-included volumes in muscle. *Am J Physiol* 1982; 242:H1044-9.
7. Mullins RJ, Bell DR. Changes in interstitial volume and masses of albumin and IgG in rabbit skin and skeletal muscle following saline volume loading. *Circ Res* 1982; 51:305-13.
8. Malik AB, Mullins RJ, Barie PS, Bell DR, Lee BC. Thoracic duct lymph flow after

- pancreatitis: role in circulatory collapse. *Adv Shock Res* 1982; 8:81-9.
9. Bell DR, Mullins RJ, Powers MP. Extravascular distribution of albumin and I<sub>g</sub>G during high permeability edema in skin. *Am J Physiol* 1983; 244:H599-606.
  10. Stone HH, Strom PR, Mullins RJ. Management of the major coagulopathy with onset during laparotomy. *Ann Surg* 1983; 197:532-5.
  11. Harrigan C, Lucas C, Ledgerwood A, Mullins RJ. Effects of altered tidal volume on oxygen dynamics in shock lung. *Am Surg* 1984; 6:340-5.
  12. Stone HH, Strom PR, Mullins RJ. Pancreatic abscess management by subtotal resection and packaging. *World J Surg* 1984; 8:340-5.
  13. Mullins RJ, Dawe EJ, Lucas CE, et al. Mechanisms of impaired renal function with PEEP. *J Surg Res* 1984; 37:189-96.
  14. Stone HH, Mullins RJ, Strom PR, et al. Ceftriaxone versus combined gentamicin and clindamycin for polymicrobial surgical sepsis. *Am J Surg* 1984; 148:30-4.
  15. Stone HH, Mullins RJ, Dunlop WE, et al. Extraperitoneal versus transperitoneal drainage of the intra-abdominal abscess. *Surg Gynecol Obstet* 1984; 159:549-52.
  16. Paloski WH, Barie PS, Mullins RJ, Newell JC. Effects of changing inspiratory to expiratory time ratio on carbon dioxide elimination during high-frequency jet ventilation. *Am Rev Respir Dis* 1985; 131:109-14.
  17. Mullins RJ, Stone HH, Dunlop WE, Strom PR. Hepatic Trauma: evaluation of routine drainage. *South Med J* 1985; 78:259-61.
  18. Mullins RJ, Sherman RT. Thrombophlebitis following a bullet embolus to the popliteal vein. *J Trauma* 1985; 25:266-8.
  19. Stone HH, Mullins RJ and Scovill WA. Vagotomy plus Billroth II gastrectomy for the prevention of recurrent alcohol-induced pancreatitis. *Ann Surg* 1985; 201:684-9.
  20. Larson GM, Bond SJ, Shallcross C, Mullins RJ, Polk HC Jr. Colonoscopy after curative resection of colorectal cancer. *Arch Surg* 1986; 121:535-40.
  21. Mullins RJ. Bradykinin causes a prolonged increase in skin microvascular permeability. *J Surg Res* 1986; 40:540-549.
  22. Mullins RJ, Lenfesty BS. Skin microvascular permeability after resuscitation with Ringer's lactate from endotoxin shock. *Surg Gynecol Obstet* 1987; 164:49-56.
  23. Mullins RJ, Powers MR, Bell DR. Albumin and I<sub>g</sub>G in skin and skeletal muscle after plasmapheresis with saline loading. *Am J Physiol* 1987; 252:H71-9.

24. Mullins RJ, Whitworth PW, Polk HC Jr. Preoperative screening for colon neoplasms by surgical residents with a flexible sigmoidoscope. *Ann Surg* 1987; 205:659-64.
25. Mullins RJ, Hudgens RW. Hypertonic saline resuscitates dogs in endotoxin shock. *J Surg Res* 1987; 43:37-44.
26. Wehry M, Penner J, Campbell F, Mullins RJ, Rink R. Exchange-transfusion with pyridoxalated polymerized hemoglobin: effects of liver PO<sub>2</sub>. *Circ Shock* 1987; 23:249-61.
27. Mullins RJ, Malangoni MA, Bergamini TM, et al. Controversies in the management of pancreatic pseudocysts. *Am J Surg* 1988; 155:165-71.
28. Mullins RJ, Hudgens RW. Increased skin lymph protein clearance after bradykinin infusion. *Am J Physiol* 1988; 253:H1462-9.
29. Barie PS, Mullins RJ. Experimental methods in the pathogenesis of limb ischemia. *J Surg Res* 1988; 44:284-307.
30. Larson G, Mullins RJ, Wieman TJ, Polk HC. Evaluation of endoscopy training in general surgery residency. *Am Surg* 1988; 54:64-7.
31. Evers MA, Mullins RJ, Matthews TM, Broghamer WL, Polk HC. Multiple adenocarcinoma of the colon and rectum. *Dis Colon Rec* 1988; 31:518-22.
32. Kinney E, Goderwis D, Mullins RJ, Larson GM. Management of recurrent duodenal ulcer disease. *Am Surg* 1988; 54:15-8.
33. Mullins RJ, Malias MA, Hudgens RW. Isoproterenol inhibits the increase in microvascular membrane permeability produced by bradykinin. *J Trauma* 1989; 29:1053-64.
34. Mullins RJ, Garrison RN. Fractional change in blood volume following normal saline infusion in high-risk patients before non-cardiac surgery. *Ann Surg* 1989; 209:651-61.
35. Malangoni MA, Mullins RJ. Proximal gastric vagotomy for duodenal ulcer disease. *South Med J* 1989; 82:733-5.
36. Malangoni MA, Miller FB, Cryer HM, Mullins RJ, Richardson JD. The management of penetrating pelvic trauma. *Am Surg* 1990; 56:61-5.
37. Mullins RJ, Trunkey DD, Samuel D. Gross: pioneer academic trauma surgeon of 19th century America. *J Trauma* 1990; 30:528-38.
38. Juhl G, Larson GM, Mullins RJ, Bond S, Polk HC. Six-year results of annual colonoscopy after resection of colorectal cancer. *World J Surg* 1990; 14:255-61.
39. Mullins R, Wehry M, Hudgins R, Rink R. Plasma albumin repletion after transfusion

- with polymerized hemoglobin. *J Surg Res* 1990; 49:441-6.
40. Mullins RJ, Tahamont MV, Bell DR, Malik AB. Effect of fluid resuscitation from endotoxin shock on lung transvascular fluid and protein exchange. *Am J Physiol* 1991; 260:H1415-23.
  41. Mullins RJ. The sustained increase in permeability produced by bradykinin is dose related. *J Trauma* 1991; 31:934-41.
  42. Hedges JR, Osterud HR, Mullins RJ. Adult minor trauma patients: good outcome in small hospitals. *Ann Emerg Med* 1992; 21:402-6.
  43. Feliciano PD, Mullins RJ, Trunkey DD, et al. A decision analysis of traumatic splenic injuries. *J Trauma* 1992; 33:340-8.
  44. Faringer PD, Fairfax CS, Feliciano PD, Mullins RJ. Plasma protein shifts in acute isovolemic hemodilution. *Surg Forum* 1992; 51-2.
  45. Greene MA, Mullins RJ, Malangoni MA, Feliciano PD, Richardson JD, Polk HC. Laparotomy wound closure with absorbable polyglycolic acid mesh. *Surg Gynecol Obstet* 1993; 176:213-9.
  46. Faringer PD, Mullins RJ, Johnson RL, Trunkey DD. Blood component supplementation during massive transfusion of AS-1 red cells in trauma patients. *J Trauma* 1993; 34:481-7.
  47. Faringer PD, Mullins RJ, Feliciano PD, Duwelius PJ, Trunkey DD. Selective fecal diversion in complex open pelvic fractures from blunt trauma. *Arch Surg* 1994; 129:958-64.
  48. Hedges JR, Mullins RJ, Zimmer-Gembeck M, Helfand M, Southard P. Oregon trauma system: change in initial admission site and postadmission transfer of injured patients. *Acad Emerg Med* 1994; 1:218-26.
  49. Mullins RJ, Veum-Stone J, Helfand M, et al. Outcome of hospitalized injured patients after institution of a trauma system in an urban area. *JAMA* 1994; 271:1919-24.
  50. Frank E, Frankel P, Mullins RJ, Taylor N. Injuries resulting from bicycle collisions. *Acad Emerg Med* 1995; 2:200-3.
  51. Mullins RJ, Veum-Stone J, Hedges JR, Zimmer-Gembeck M, Mann C, Helfand M. An analysis of hospital discharge index as a trauma data base. *J Trauma* 1995; 39:941-7.
  52. Zimmer-Gembeck M, Southard PA, Hedges JR, et al. Triage in an established trauma system. *J Trauma* 1995; 39:922-8.
  53. Mullins RJ, Veum-Stone J, Hedges JR, et al. Influence of a statewide trauma system on location of hospitalization and outcome of injured patients. *J Trauma* 1996; 40:536-46.
  54. Sharma S, Mullins RJ, Trunkey DD. Ventilatory management of pulmonary contusion

- patients. *Am J Surg* 1996; 171:529-32.
55. Hulka F, Mullins RJ, Frank EH. Blunt brain injury activates the coagulation process. *Arch Surg* 1996; 131:923-8.
  56. Mullins RJ, Huckfeldt R, Trunkey DD. Abdominal vascular injuries (review). *Surg Clin North Am* 1996; 76:813-32.
  57. Hulka F, Mullins RJ, Mann NC, et al. Influence of a statewide trauma system on pediatric hospitalization and outcome. *J Trauma* 1997; 42:514-9.
  58. Mullins RJ, Mann NC, Brand DM, Lenfesty BS. Specifications for calculation of risk adjusted odds of death using trauma registry data. *Am J Surg* 1997; 173:422-5.
  59. Duwelius PJ, Huckfeldt R, Mullins RJ, et al. The effects of femoral intramedullary reaming on pulmonary function in a sheep lung model. *J Bone Joint Surg* 1997; 79:194-202.
  60. Hedges JR, Mann NC, Mullins RJ, Rowland D, Worrall W, Zechnich AD. Impact of a statewide trauma system on rural emergency department patient assessment documentation. *Acad Emerg Med* 1997; 4:268-76.
  61. Mann NC, Hedges JR, Mullins RJ, Helfand M, Worrall W, Zechnich AD. Rural hospital transfer patterns before and after implementation of a statewide trauma system. *Acad Emerg Med* 1997; 4:764-71.
  62. Mayberry JC, Mullins RJ, Crass RA, Trunkey DD. Prevention of abdominal compartment syndrome by absorbable mesh prosthesis closure. *Arch Surg* 1997; 132:957-62.
  63. Eshraghi N, Mullins RJ, Mayberry JC, Brand DM, Crass RA, Trunkey DD. Surveyed opinion of American trauma surgeons in management of colon injuries. *J Trauma* 1998; 44:93-7.
  64. Gentile AT, Feliciano PD, Mullins RJ, Crass RA, Eidemiller LR, Sheppard BC. The utility of polyglycolic acid mesh for abdominal access in patients with necrotizing pancreatitis. *JACS* 1998; 186:313-8.
  65. Mullins RJ, Mann NC, Hedges JR, Worrall W, Jurkovich GJ. Preferential benefit of implementation of a statewide trauma system in one of two adjacent states. *J Trauma* 1998; 44:609-17.
  66. Mullins RJ, Mann NC, Hedges JR, et al. Adequacy of hospital discharge status as a measure of outcome among injured patients. *JAMA* 1998; 279:1727-31.
  67. Slater M, Mullins RJ. Rhabdomyolysis and myoglobinuric renal failure in trauma and surgical patients: a review. *JACS* 1998; 186:693-716.
  68. Hulka F, Mullins RJ, Leonardo V, Harrison MW, Silberberg P. Significance of peritoneal

- fluid as an isolated finding on abdominal computed tomographic scans in pediatric trauma patients. *J Trauma* 1998; 44:1069-72.
69. Mullins RJ, Mann NC. Development of a systematic review of published evidence regarding the efficacy of trauma systems. *J Surg Outcomes* 1998; 1:45-53.
  70. Mann NC, Hedges JR, Sandoval R, Worrall W, Zechnich AD, Jurkovich GJ, Mullins RJ. Trauma system impact on admission site: a comparison of two states. *J Trauma* 1999; 46:631-7.
  71. Mangus RS, Mann NC, Worrall W, Mullins RJ. Statewide variation in the treatment of patients hospitalized with spleen injury. *Arch Surg* 1999; 134:1378-1384.
  72. Mayberry JC, Goldman RK, Mullins RJ, Brand DM, Crass RA, Trunkey DD. Surveyed opinion of American trauma surgeons on the prevention of the abdominal compartment syndrome. *J Trauma* 1999; 47:509-514.
  73. Mullins RJ, Mann NC. Introduction to the academic symposium to evaluate evidence regarding the efficacy of trauma systems. *J Trauma* 1999; 47:S3-S7.
  74. Mullins RJ. A historical perspective of trauma system development in the United States. *J Trauma* 1999; 47:S8-S14.
  75. Mann NC, Mullins RJ, MacKenzie EJ, Jurkovich GJ, Mock CN. Systematic review of published evidence regarding trauma system effectiveness. *J Trauma* 1999; 47:S25-S33.
  76. Mullins RJ, Mann NC. Population-based research assessing the effectiveness of trauma systems. *J Trauma* 1999; 47:S59-S66.
  77. Mann NC, Mullins RJ. Research recommendations and proposed action items to facilitate trauma system implementation and evaluation. *J Trauma* 1999; 47:S75-S78.
  78. Trunkey DD, Cahn RM, Lenfesty B, Mullins RJ. Management of geriatric trauma patients at risk of death. *Arch Surg* 2000; 135:34-38.
  79. Sharma S, Mayberry JC, Deloughery TG, Mullins RJ. Fatal cerebroembolism from nonbacterial thrombotic endocarditis in a trauma patient: Case report and review. *Military Med* 2000; 165:83-85.
  80. deBoisblanc MW, Goldman RK, Mayberry JC, Brand DM, Pangburn PD, Soifer BE, Mullins RJ. Weaning injured patients with prolonged pulmonary failure from mechanical ventilation in a non-intensive care unit setting. *J Trauma* 2000; 49:224-231.
  81. Downard C, Hulka F, Mullins RJ, Piatt J, Chesnut R, Quint P, Mann NC. Relationship of cerebral perfusion pressure and survival in pediatric brain-injured patients. *J Trauma* 2000; 49:654-660.

82. Templeton J, Oakley PA, MacKenzie G, Cook AL, Brand D, Mullins RJ, Trunkey DD. A comparison of patient characteristics and survival in two trauma centres located in different countries. *Injury* 2000; 31(7):493-501.
83. Eastes LS, Norton R, Brand D, Pearson S, Mullins RJ. Outcomes of patients using a tiered trauma response protocol. *J Trauma* 2001; 50:908-913.
84. Mann NC, Mullins RJ, Hedges JR, Rowland D, Arthur M, Zechnich AD. Mortality among seriously injured patients treated in remote rural trauma centers before and after implementation of a statewide trauma system. *Med Care* 2001; 39:643-653.
85. Mann NC, Cahn RM, Mullins RJ, Brand DM, Jurkovich GJ. Survival among injured geriatric patients during construction of a statewide trauma system. *J Trauma* 2001; 50:1111-1116.
86. Olson CJ, Arthur M, Mullins RJ, Rowland D, Hedges JR, Mann NC. Influence of trauma system implementation on process of care delivered to seriously injured patients in rural trauma centers. *Surgery* 2001; 130(2):273-279.
87. Mullins RJ, Hedges JR, Rowland D, Arthur M, Mann NC, Price DD, Olson CJ, Jurkovich GJ. Survival of Seriously Injured Patients First Treated in Rural Hospitals. *J Trauma* 2002; 52(6):1019-1029.
88. Mann NC, Pinkney KA, Price DD, Rowland D, Arthur M, Hedges JR, Mullins RJ. Injury mortality following the loss of air medical support for rural interhospital transport. *Acad Emerg Med* 2002; 9:694-698.
89. Sattin RW, Mullins RJ. Geriatric trauma: the continuing epidemic [comment]. *J Amer Geriatrics Soc* 2002; 50:394-5.
90. Rehm CG, Wanek SM, Gagnon EB, Pearson SK, Mullins RJ. Cricothyroidotomy for elective airway management in critically ill trauma patients with technically challenging neck anatomy. *Crit Care* 2002; 6(6):531-5.
91. McConnell KJ, Newgard CD, Hedges JR, Arthur M, Mullins RJ. Mortality benefit of transfer to level 1 vs. level 2 trauma centers for head injured patients: analysis using instrumental variables. *Acad Emerg Med* 2003; 10(5):509.
92. Goldman R, Zilkoski M, Mullins R, Mayberry J, Deveney C, Trunkey D. Delayed celiotomy for the treatment of bile leak, compartment syndrome and other hazards of non-operative management of blunt liver injury. *Am J Surg* 2003; 185(5):492-7.
93. Kerr-Valentic MA, Arthur M, Mullins RJ, Pearson TE, Mayberry JC. Rib fracture pain and disability; Can we do better? *J Trauma* 2003; 54:1058-64.
94. Olson CJ, Brand D, Mullins RJ, Harrahill M, Trunkey DD. Time to death of hospitalized injured patients as a measure of quality of care. *J Trauma* 2003; 55:45-52.

95. Mayberry JC, Welker KJ, Goldman RK, Mullins RJ. Mechanism of acute ascites formation after trauma resuscitation. *Arch Surg* 2003; 138:773-776.
96. Mayberry JC, Terhes JM, Ellis TJ, Wanek S, Mullins RJ. Absorbable Plates for Rib Fracture Repair: Preliminary Experience. *J Trauma* 2003; 55(5):835-839.
97. Mullins RJ. A Tradition of National Service in Times of Crisis. *Arch Surg* 2003; 138:1297-1301.
98. Malinoski DJ, Slater MS, Mullins RJ. Crush Injury and Rhabdomyolysis. *Crit Care Clin.* 2004; 20:171-192.
99. Zareth I, Arthur M, Mullins RJ, Hart RA. Variations in Injury Patterns, Treatment, and Outcome for Spinal Fracture and Paralysis in Adult Versus Geriatric Patients. *Spine* 2004; 29(7):796-802
100. Mayberry JC, Brown CV, Mullins RJ, Velmahos GC. Blunt Carotid Artery Injury; The futility of aggressive screening and diagnosis. *Arch Surg* 2004; 139:609-613
101. Mayberry JC, Burgess EA, Goldman RK, Pearson TE, Brand D, Mullins, RJ. Enterocutaneous fistula and ventral hernia after absorbable mesh prosthesis closure for trauma: the plain truth. *J. Trauma* 2004; 57:157-163.
102. Todd SR, Mullins RJ, Arthur MA. Hospital factors associated with splenectomy for splenic injury; A national perspective. *J Trauma* 2004; 57:1065-1071
103. Newgard CD, Hedges JR, Arthur M, Mullins RJ. The propensity score: A method of reducing bias when estimating treatment effect in observational research. *Acad Emer Med* 2004; 11:953-961
104. Diggs BS, Lenfesty B, Arthur MA, Hedges JR, Newgard CD, Mullins, RJ. The incidence and burden of ladder, structure and scaffolding falls. *Acad Emer Med* 2005; 12:267-270.
105. McConnell KJ, Newgard CD, Mullins RJ, Arthur M, Hedges JR. Mortality Benefit of Transfer to Level I versus Level II Trauma Centers for Head-Injured Patients. *Health Services Research* 2005; 40:435-458.
106. Malinoski DJ, Todd SR, Slone S, Mullins RJ, Schreiber MA. Correlation of central venous and arterial blood gas measurements in mechanically ventilated trauma patients. *Arch Surg* 2005; 140:1122-1125.
107. Mullins RJ, Diggs BS, Hedges JR, Newgard CD, Arthur M, Adams AL, Veum-Stone J, Lenfesty B, Trunkey DD. Regional differences in outcomes of hospitalized injured patients. *J Trauma* 2006; 60:691-700
108. Hedges JR, Newgard CD, Mullins RJ. Emergency medical treatment and active labor act and trauma triage. *Prehospital Emer Care* 2006; 10:332-339.

109. Mullins RJ. The influence of imaging on the trauma surgeon's initial evaluation of seriously injured patients. *Seminars in Roentgenology*. 2006; 41:159-76.
110. Newgard CD. Hedges JR. Adams A. Mullins RJ. Secondary triage: early identification of high-risk trauma patients presenting to non-tertiary hospitals. *Prehospital Emergency Care*. 2007; 11:154-63.
111. Teh SH. Sheppard BC. Mullins RJ. Schreiber MA. Mayberry JC. Diagnosis and management of blunt pancreatic ductal injury in the era of high-resolution computed axial tomography. *Am J Surg*. 2007; 193:641-3; discussion 643.
112. Mayberry JC. Pearson TE. Wiger KJ. Diggs BS. Mullins RJ. Equestrian injury prevention efforts need more attention to novice riders. *J Trauma*. 2007; 62:735-9.
113. Mullins RJ. Brand D. Lenfesty B. Newgard CD. Hedges JR. Ham B. Statewide assessment of injury and death rates among riders of off-road vehicles treated at trauma centers. *JACS*. 2007; 204:216-24.

## **BOOK CHAPTERS**

1. Mullins RJ, Garrison RN. Respiratory pathophysiology. In: Richardson JD, Polk HC Jr, Flint LM, editors. *Trauma: Clinical Care and Pathophysiology*. Chicago: Yearbook Medical Publishers; 1987.
2. Mullins RJ. Duodenum, small intestine, and colon. In: *Current Therapy of Trauma* Philadelphia: BC Decker Inc; 1990.
3. Mullins RJ, Larson G. Stress gastritis in surgical patients; pathophysiologic hazards vs. benefits of prevention. In: *Advances in Trauma and Critical Care, Volume 5*. Chicago: Mosby Year Book, Inc.; 1991.
4. Stone HH, Mullins RJ. Trauma. In: Polk HC, Gardner B, Stone HH, editors. *Basic Surgery*. 5th ed. St. Louis: Quality Medical Publishing, Inc.; 1995.
5. Trunkey DD, Hulka F, Mullins RJ. Splenic trauma. In: Hiatt JR, Phillips EH, Morgenstern L, editors. *Surgical Diseases of the Spleen*. New York: Springer Verlag; 1997.
6. Mullins RJ. Acute renal failure complicating injury. In: *Current Therapy of Trauma*, 4<sup>th</sup> Edition. Philadelphia: Mosby-Year Book, Inc.; 1998.
7. Mullins RJ. Acute Renal Failure. In *Current Surgical Therapy*, 6<sup>th</sup> Edition Philadelphia: Mosby-Year Book, Inc.; 1998.
8. Mayberry JC, Mullins RJ, Trunkey DD. Absorbable mesh prosthesis closure for abdominal

trauma and other catastrophies. *Advances in Surgery*, Vol. 33, Mosby; 1999.

9. Mullins RJ. Management of shock. In: Moore EE, Mattox KL, Feliciano DV, editors. *Trauma*. 4<sup>th</sup> Edition. New York, New York: McGraw-Hill; 2000.
10. Mullins RJ. Fluid electrolytes and shock. Courtney Townsend, Jr. MD. Editor in Chief, Associate Editors, R. Daniel Beauchamp, B. Mark Evers, Kenneth L. Maddox. *Sabiston Textbook of Surgery*. 16<sup>th</sup> Edition. W.B. Saunders Co; 2001.
11. Mullins RJ. Renal Support. Corson, JD, Williamson RCN, editors. *Surgery*. Mosby; 2001.
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### **INVITED LECTURES**

2007: H. Harlan Stone Lecture. Emory University School of Medicine

2007: Barry Goldwater Service Award. Uniform Services University,  
University Surgical Associates