

# TCCC Journal Watch

November 2017

Aldag M, Armstrong R, Bandak F, et al: The biological basis of chronic traumatic encephalopathy following blast injury: a literature review. *J Neurotrauma* 2017;34:S26-S43

Al x J, Uppstu T, Saveman B: The opinions of ambulance personnel regarding using a heated mattress for patients being cared for in a cold climate- an intervention study in ambulance care. *Int J Circumpolar Health* 2017;76:1379305

Amer K, Rehamn S, Amer K, Haydel C: Efficacy and safety of tranexamic acid in orthopaedic fracture surgery: a meta-analysis and systematic literature review. *J Orthop Trauma* 2017;31:520-525

Anderson G, Althoff J: Defense Health Board celebrates its 10th anniversary. *Mil Med* 2017;182:1745

Baldwin M, Boillini H, Lamvu G: Chronic pain and suicide: is there a role for ketamine? *Mil Med* 2017;182:1746-1748

Barsuk J, Cohen E, Williams M, et al: Simulation-based mastery learning for thoracentesis skills improves patient outcomes: a randomized trial. *Acad Med* 2017;Epub ahead of print

Begley J, Butson B, Kwa P: The emergency surgical airway. *Emerg Med Australas* 2017;29:570-575

Breeze J, Tong D, Gibbons A: Contemporary management of maxillofacial ballistic trauma. *Br J Oral Maxillofac Surg* 2017;55:661-665

Buehrer M, Eastridge B, Aden J, et al: Combat casualties and severe shock: risk factors for death at Role 3 military facilities. *Mil Med* 2017;e1922-e1928

Burgert J, Martinez A, O'Sullivan M, et al: Sternal route more effective than tibial route for intraosseous amiodarone administration in a swine model of ventricular fibrillation. *Prehosp Emerg Care* 2017;Epub ahead of print

Buriuli M, Kumari W, Verma D: Evaluation of hemostatic effect of polyelectrolyte complex-based dressings. *J Biomater Appl* 2017;Epub ahead of print

Cantle P, Cotton B: Balanced resuscitation in trauma management. *Surg Clin North Am* 2017;97:999-1014

Childers R, Parker P: In a stable battlefield, avoid using austere surgical units to meet the golden hour of trauma time to care goal. *Injury* 2017;Epub ahead of print

Cornell C: Tranexamic acid should be considered in fracture surgery. *J Orthop Trauma* 2017;31:511-512

Coughlin R, Chandler I, Binford J, et al: Enhancement of cricothyroidotomy education using a novel technique: cadaver autografting. *J Emerg Med* 2017;Epub ahead of print

Crock C, Hansen K, Fogg T, et al: Lessons learned from incidents involving the airway and breathing reported from Australasian emergency departments. *Emerg Med Australas* 2017;Epub ahead of print

Czorlich P, Dreimann M, Emami P, et al: Body-mass-index > 35 as an independent predictor of mortality in severe traumatic brain injury. *World Neurosurg* 2017;Epub ahead of print

Damodaran S, Sethi S, Malhotra S, et al: Comparison of oropharyngeal leak pressure of air-Q™, i-gel™, and laryngeal mask airway supreme™ in adult patients during general anesthesia: a randomized controlled trial. *Saudi J Anaesth* 2017;11:390-395

David J, Voiglio E, Cesareo E, et al: Prehospital parameters can help to predict coagulopathy and massive transfusion in trauma patients. *Vox Sang* 2017;112:557-566

Davidson A, Ferencz S, Sosnow J, et al: Presenting hypertension, burn injury, and mortality in combat casualties. *Burns* 2017;Epub ahead of print

Davidson A, Russo R, Ferencz S, et al: A novel model of highly lethal uncontrolled torso hemorrhage in swine. *J Surg Res* 2017;218:306-315  
de la Cruz R, Cooper J: Aerospace, decompression illness. *StatPearls* 2017;2017 Aug 15

Dennis B, Bellister S, Guillamondegui O: Thoracic trauma. *Surg Clin North Am* 2017;97:1047-1064

Desai N, Schofield N, Richards T: Perioperative patient blood management to improve outcomes. *Anesth Analg* 2017;Epub ahead of print

DeSoucy E, Shackelford S, DuBose J, et al: Review of 54 cases of prolonged field care. *J Spec Oper Med* 2017;17:121-129

Dietrich K: Aircrew and handheld laser exposure. *Aerosp Med Hum Perform* 2017;88:1040-1042

Dijkink S, Nederpelt C, Krijnen P, et al: Trauma systems around the world: a systematic overview. *J Trauma Acute Care Surg* 2017;83:917-925

Driver B, Dodd, K, Klein L, et al: The bougie and first-pass success in the emergency department. *Ann Emerg Med* 2017;70:473-478

Eckel A, Hess J: Transfusion practice in trauma resuscitation. *South Med J* 2017;110:554-558

Elster E, Bailey J: Prehospital blood transfusion for combat casualties. *JAMA* 2017;318:1548-1549

Eroğlu O, Deniz T, Kisa Ü, et al: Effect of hypothermia on apoptosis in traumatic brain injury and hemorrhagic shock model. *Injury* 2017;Epub ahead of print

Etchill E, Fang R, Haut E: Does tranexamic acid cause venous thromboembolism after trauma? Who cares, if it saves lives? *JAMA Surg* 2017;Epub ahead of print

Fakharian E, Abedzadeh-Kalahroudi M, Atoof F: Effect of tranexamic acid on prevention of hemorrhagic mass growth in patients with traumatic brain injury. *World Neurosurgery* 2017;Epub ahead of print

Feliciano D: Contributions of military surgeons to the management of vascular trauma. *J Trauma Acute Care Surg* 2017;83:777-783

Feliciano D: For the patient: evolution in the management of vascular trauma. *J Trauma Acute Care Surg* 2017;Epub ahead of print

Fitzgerald M, Esser M, Russ M, et al: Pelvic trauma mortality reduced by integrated trauma care. *Emerg Med Australas* 2017;29:444-449

Floyd C, Padua R, Olson C: Hemostatis and safety of a novel fibrin dressing versus standard gauze in bleeding cancellous bone in a caprine spine surgery. *Spine Deform* 2017;5:310-313

Fouche P, Stein C, Simpson P, et al: Nonphysician out-of-hospital rapid sequence intubation success and adverse events: a systematic review and meta-analysis. *Ann Emerg Med* 2017;70:449-459

Galvagno S, Fox E, Appana S, et al: Outcomes after concomitant traumatic brain injury and hemorrhagic shock: a secondary analysis from the pragmatic, randomized, optimal platelets and plasma ratios trial. *J Trauma Acute Care Surg* 2017;83:668-674

Gausden E, Qudsi R, Boone M, et al: Tranexamic acid in orthopaedic trauma surgery: a meta-analysis. *J Orthop Trauma* 2017;31:513-519

Girad E, Abba J, Boussat B, et al: Damage control surgery for non-traumatic abdominal emergencies. *World J Surg* 2017;Epub ahead of print

Goh S, Xu W, Teo L: Decompression of tension pneumothoraces in Asian trauma patients: greater success with lateral approach and longer catheter lengths based on computed tomography chest wall measurements. *Eur J Trauma Emerg Surg* 2017;Epub ahead of print

Goldstein A, Soffer D: Trauma to the heart: a review of presentation, diagnosis, and treatment. *J Trauma Acute Care Surg* 2017;83:911-916

Gondek S, Schroeder M, Sarani B: Assessment and resuscitation in trauma management. *Surg Clin North Am* 2017;97:985-998

Goolsby C, Branting A, Ausman J, et al: Systematic review of live tissue versus simulation education for prehospital trauma providers. *Mil Med* 2017;182:e1824-e1833

Green-Hopkins I, Monuteaux M, Lee L, et al: Use of ondansetron for vomiting after head trauma: does it mask clinically significant traumatic brain injury? *Pediatr Emerg Care* 2017;Epub ahead of print

Gupta A: 2017 Military Supplement: hemoglobin-based oxygen carriers: current state-of-the-art and novel molecules. *Shock* 2017;Epub ahead of print

Gupta N, Hackla S, Bhagat V, et al: Cross-border firing and injury patterns. *J Emerg Trauma Shock* 2016;9:17-21

Güven H: Topical hemostatic for bleeding control in pre-hospital setting: then and now. *Ulus Travma Acil Cerrahi Derg* 2017;23:357-361

Hale D, Sexton J, Benavides L, et al: Surgical instrument sets for special operations expeditionary surgical teams. *J Spec Oper Med* 2017;17:40-45

Hart D, Rush R, Rule G, et al: Training and assessing critical airway, breathing and hemorrhage control procedures for trauma care: live tissue versus synthetic models. *Acad Emerg Med* 2017;Epub ahead of print

Hayakawa M, Maekawa K, Kushimoto S, et al: Hyperfibrinolysis in severe isolated traumatic brain injury may occur without tissue hypoperfusion: a retrospective observational multicentre study. *Crit Care* 2017;21:222

Heaney J, Schroll R, Turner J, et al: Implications of the trauma quality improvement project inclusion on nonsurvivable injuries in performance benchmarking. *J Trauma Acute Care Surg* 2017;83:617-621

Hernandez M, Aho J, Zielinski M, et al: Definitive airway management after pre-hospital supraglottic airway insertion: outcomes and a management algorithm for trauma patients. *Am J Emerg Med* 2017;Epub ahead of print

Hewes H, Dai M, Mann N, et al: Prehospital pain management: disparity by age race. *Prehosp Emerg Care* 2017;Epub ahead of print

Howard J, Kotwal R, Santos A, et al: Re-examination of a battlefield trauma golden hour policy. *J Trauma Acute Care Surg* 2017;Epub ahead of print

Howard J, Stockinger Z, Cap A, et al: Military use of tranexamic acid in combat trauma: does it matter? *J Trauma Acute Care Surg* 2017;83:579-588

Hsu S, Chen C, Chou Y, et al: Effect of early pelvic binder use in the emergency management of suspected pelvic trauma: a retrospective cohort study. *Int J Environ Res Public Health* 2017;14:pii:E1217

Huang G, Dunham C: Mortality outcomes in trauma patients undergoing prehospital red blood cell transfusion: a systematic literature review. *Int J Burns Trauma* 2017;7:17-26

Huebner B, Moore E, Moore H, et al: 14-day thawed plasma retains clot enhancing properties and inhibits tPA-induced fibrinolysis. *J Surg Res* 2017;219:145-150

Imran J, Eastman A: Pneumothorax. *JAMA* 2017;318:974

Jansen J, Pallmann P, MacLennan G, et al: Bayesian clinical trial design: another option for trauma trials? *J Trauma Acute Care Surg* 2017;83:736-741

Jehan F, O'Keeffe T, Khan M, et al: Early thromboprophylaxis with low-molecular-weight heparin is safe in patients with pelvic fractures managed nonoperatively. *J Surg Res* 2017;219:360-365

Johnson M, Alarhayem A, Convertino V, et al: Comparison of compensatory reserve and arterial lactate as markers of shock and resuscitation. *J Trauma Acute Care Surg* 2017;83:603-608

Johnston L, Rodriguez C, Elster E, Bradley M: Evaluation of military use of tranexamic acid and associated thromboembolic events. *JAMA Surg* 2017;Epub ahead of print

Keneally R, Szpisjak D, Hoffman P, et al: Vital signs and physiologic derangement in patients with thoracic trauma in Iraq and Afghanistan. *Mil Med* 2017;182:e1881-e1884

Kim M, Lee J, Choi Y, et al: Comparison of the laryngeal mask airway supreme and the i-gel in paralysed elderly patients: a randomised controlled trial. *Eur J Anaesthesiol* 2017;Epub ahead of print

Kleine-Brueggene M, Kotarlic M, Theiler L, Greif R: Limitations of pediatric supraglottic airway as conduits for intubation- an in vitro study. *Can J Anaesth* 2017;Epub ahead of print

Kornhall D, Jørgensen J, Brommeland T, et al: The Norwegian guidelines for the prehospital management of adult trauma patients with potential spinal injury. *Scand J Trauma Resusc Emerg Med* 2017;25:2

Kragh J, Aden J, Lambert C, et al: Unwrapping a first aid tourniquet from its plastic wrapper with and without gloved worn: a preliminary study. *J Spec Oper Med* 2017;17:25-34

Lack W, Crist B, Seymour R, et al: Effect of tranexamic acid on transfusion: a randomized clinical trial in acetabular fracture surgery. *J Orthop Trauma* 2017;31:526-530

Leatherman M, Fluke L, McEvoy C, et al: Bigger is better: comparison of alternative devices for tension hemopneumothorax and pulseless electrical activity in a Yorkshire swine model. *J Trauma Acute Care Surg* 2017;Epub ahead of print

Leisman D, Goldman C, Doerfler M, et al: Patterns and outcomes associated with timeliness of initial crystalloid resuscitation in a prospective sepsis and septic shock cohort. *Crit Care Med* 2017;45:1596-1606

Levy M, Goolsby C, Eastman A: Improvised vs commercial tourniquets. *JAMA* 2017;318:575

Lin Y, Mukhopadhyay S, Meguid R, Kuwayama D: The Colorado humanitarian surgical skills workshop: a cadaver-based workshop to prepare residents for surgery in austere settings. *J Surg Educ* 2017;Epub ahead of print

Lloyd B, Murray C, Shaikh F, et al: Early infectious outcomes after addition of fluoroquinolone or aminoglycoside to posttrauma antibiotic prophylaxis in combat-related open fracture injuries. *J Trauma Acute Care Surg* 2017;83:854-861

Lohr B, Pfeifer Y, Heudorf U, et al: High prevalence of multidrug-resistant bacteria in Libyan War casualties admitted to a tertiary care hospital, Germany. *Microb Drug Resist* 2017;Epub ahead of print

Lynch M, Suyama J, Guyette F: Scene safety and force protection in the era of ultra-potent opioids. *Prehosp Emerg Care* 2017;Epub ahead of print

Madurska M, Sachse K, Jansen J, et al: Fibrinolysis in trauma: a review. *Eur J Trauma Emerg Surg* 2017;Epub ahead of print

Malgras B, Prunet B, Lesaffre X, et al: Damage control: concept and implementation. *J Visc Surg* 2017;Epub ahead of print

Maher P, Utarnachitt R, Louzon M, et al: Logistical concerns for prehospital blood product use by air medical services. *Air Med J* 2017;36:263-267

Majors J, Brennan J, Holt G: Management of high-velocity injuries of the head and neck. *Facial Plast Surg Clin North Am.* 2017;25:493-502

Maskell N: Pneumothorax management: time to improve the evidence base. *Thorax* 2017;Epub ahead of print

McQuilten Z, Crighton G, Brunskill S, et al: Optimal dose, timing and ratio of blood products in massive transfusion: results from a systematic review. *Transfus Med Rev* 2017;Epub ahead of print

Mendoza A, Wybourn A, Charles A, et al: Routine computed tomography after recent operative explosion for penetrating trauma: what injuries do we miss? *J Trauma Acute Care Surg* 2017;83:575-578

Momeni M, Nkoy Ena L, Van Dyck M, et al: The dose of hydroxyethyl starch 6% 130/0.4 for fluid therapy and the incidence of acute kidney injury after cardiac surgery: a retrospective matched study. *PLoS One* 2017;12:e186403

Mutlak H, Weber C, Meininger D, et al: Laryngeal tube suction for airway management during in-hospital emergencies. *Clinics*;72:422-425

Nakano S, Nakahira J, Kuzukawa Y, et al: The effects of endotracheal tube and i-gel™ supraglottic airway device of respiratory impedance: a prospective observational study. *Anesth Pain Med* 2016;7:e42964

Newgard C, Fu R, Lerner B, et al: Deaths and high-risk trauma patients missed by standard trauma data sources. *J Trauma Acute Care Surg* 2017;83:427-437

Ohchi F, Komasa N, Mihara R, et al: Effect of cricoid pressure on the insertion efficacy of six supraglottic devices: a crossover randomized simulation trial. *J Emerg Med* 2017;Epub ahead of print

Okonkwo D, Shutter L, Moore C, et al: Brain oxygen optimization in severe traumatic brain injury phase-II: a phase II randomized trial. *Crit Care Med* 2017;1907-1914

Ongaya J, Mung'ayi V, Sharif T, Kabugi J: A randomized controlled trail to assess the effect of a ketamine infusion on tourniquet hypertension during general anaesthesia in patients undergoing upper and lower limb surgery. *Afr Health Sci* 2017;17:122-132

Oteir A, Smith K, Stoelwinder J, et al: Prehospital predictors of traumatic spinal cord injury in Victoria, Australia. *Prehosp Emerg Care* 2017;21:583-590

Pandove P, Singla R, Mittal P, et al: Role of tranexamic acid on blood loss in laparoscopic cholecystectomy. *Niger J Surg* 2017;23:111-114

Pakkanen T, Kämäräinen A, Huhtala H, et al: Physician-staffed helicopter emergency medical service has a beneficial impact on the incidence of prehospital hypoxia and secured airways on patients with severe traumatic brain injury. *Scand J Trauma Resusc Emerg Med* 2017;25:94

Park M, Kwon W, Kim K, et al: Pre-hospital supraglottic airway was associated with good neurological outcome in cardiac arrest victims especially who received prolonged cardiopulmonary resuscitation. *Acad Emerg Med* 2017;Epub ahead of print

Peterson C, Rush S, Gallo I, et al: Optimization of simulation and moulage in military-related medical training. *J Spec Oper Med* 2017;17:74-80

Pfeifer R, Heussen N, Michalewicz E, et al: Incidence of adult respiratory distress syndrome in trauma patients: a systematic review and meta-analysis over a period of three decades. *J Trauma Acute Care Surg* 2017;83:496-506

Planchon J, Vacher A, Comblet J, et al: Serious game training improves performance in combat lifesaving interventions. *Injury* 2017;Epub ahead of print

Polat O, Oguz A, Eneyli M, et al: Applied anatomy for tibial intraosseous access in adults: a radioanatomical study. *Clin Anat* 2017;Epub ahead of print



Prabhakaran K, Petrone P, Lombardo G, et al: Mortality rated of severe traumatic brain injury patients: impact of direct versus nondirect transfers. *J Surg Res* 2017;219:66-71

Prat N, Daban J, Voiglio E, Rongieras F: Wound ballistics and blast injuries. *J Visc Surg* 2017;Epub ahead of print

Rall J, Cox J, Maddry J: The use of the abdominal aortic and junctional tourniquet during cardiopulmonary resuscitation following traumatic cardiac arrest in swine. *Mil Med* 2017;182:e2001-e2005

Ramsey G: Blood component transfusion in mass casualty events. *Vox Sang* 2017;112:648-659

Ren Z, Li S, Sheng L, et al: Topical use of tranexamic acid can effectively decreases hidden blood loss during posterior lumbar spinal fusion surgery: a retrospective study. *Medicine* 2017;96:e8233

Renouf T, Parsons M, Francis L, et al: Emergency management of tension pneumothorax for health professionals on remote Cat Island Bahamas. *Cureus* 2017;9:e1390

Reynolds C, Celio A, Bridges L, et al: REBOA for IVC bleeding? Resuscitative balloon occlusion of the inferior vena cava (REBOVC) to abate massive hemorrhage in retro-hepatic vena cava injuries. *J Trauma Acute Care Surg* 2017;Epub ahead of print

Reynolds S, Bryant K, Studnek J, et al: Randomized controlled feasibility trial of intranasal ketamine compared to intranasal fentanyl for analgesia in children with suspected extremity fractures. *Acad Emerg Med* 2017;Epub ahead of print

Rohrich R, Cho M: The role of tranexamic acid in plastic surgery: review and technical considerations. *Plast Reconstr Surg* 2017;Epub ahead of print

Russo R: Making minutes matter. *Mil Med* 2017;182:1749-1751

Sakles J, Douglas M, Hypes C, et al: Management of patients with predicted difficult airway in an academic emergency department. *J Emerg Med* 2017;53:163-171

Schauer S, April M, Cunningham C, et al: Prehospital cricothyrotomy kits used in combat. *J Spec Oper Med* 2017;17:18-20

Schauer S, April M, Naylor J, et al: Prehospital administration of tranexamic acid by ground forces in Afghanistan: the prehospital trauma registry experience. *J Spec Oper Med* 2017;17:55-58

Schauer S, Mora A, Maddry J, Bebartha V: Multicenter prospective study of prehospital administration of analgesia in the U.S. combat theater of Afghanistan. *Prehosp Emerg Care* 2017;Epub ahead of print

Schweigkofler U, Wohlrath B, Trentsch H, et al: Diagnostics and early treatment in prehospital and emergency-room phase in suspicious pelvic ring fractures. *Eur J Trauma Emerg Surg* 2017;Epub ahead of print

Shackelford S, Del Junco D, Powell-Dunford N, et al: Association of prehospital blood product transfusion during medical evacuation of combat casualties in Afghanistan with acute and 30-day survival. *JAMA* 2017;318:1581-1591

Sharda M, Kapoor M, Atray R, Garg S: Insertion of i-gel™ by the reversed technique improves the success rate and reduces the time takes for its placement: a prospective, randomized, controlled, interventional trial. *J Anaesthesiol Clin Pharmacol* 2017;33:226-230

Shlaifer A, Siman-Tov M, Radomislensky I, et al: Prehospital administration of freeze-dried plasma, is it the solution for trauma casualties? *J Trauma Acute Care Surg* 2017;83:675-682

Sinha V, ali ma: Airway, surgical suctioning. *StatPeals* 2017;2017 Aug 1

Slama R, Villaume F: Penetrating vascular injury: diagnosis and management updates. *Emerg Med Clin North Am* 2017;35:78-801

Smart L, Mangat H, Issarow B, et al: Severe traumatic brain injury at a tertiary referral center in Tanzania: epidemiology and adherence to brain trauma foundation guidelines. *World Neurosurg* 2017;105:238-248

Spinella P, Cap A: Prehospital hemostatic resuscitation to achieve zero preventable deaths after traumatic injury. *Curr Opin Hematol* 2017;24:529-535

Sritharen Y, Hernandez M, Haddad N, et al: External validation of a tube thoracostomy complication classification system. *World J Surg* 2017;Epub ahead of print

Stewart I, Snow B, Clemens M, et al: Hyperkalemia in combat casualties: implications for delayed evacuation. *Mil Med* 2017;182:e2046-e2051

Stubbs J, Tran S, Emery R, et al; Cold platelets for trauma-associated bleeding: regulatory approval, accreditation approval, and practice implementation-just the “tip of the iceberg”. *Transfusion* 2017;Epub ahead of print

Sulzgruber P, Datler P, Sterz F, et al: The impact of airway strategy on the patient outcome after out-of-hospital cardiac arrest: a propensity score matched analysis. *Eur Heart J Acute Cardiovasc Care* 2017;Epub ahead of print

Tan L, Tse K, Tan Y, et al: Face shield design against blast-induced head injuries. *Int J Numer Method Biomed Eng* 2017;Epub ahead of print

Tatli O, Turkmen S, Imamoglu M, et al: A novel method for improving chest tubes insertion skills among medical interns. Using biomaterial-covered mannequin. *Saudi Med J* 2017;38:1007-1012

Te Grotenhuis R, van Grunsven P, Heutz W, Tan E: Use of hemostatic nasal plugs in emergency medical services in the Netherlands: a prospective study of 33 cases. *Prehosp Emerg Care* 2017;Epub ahead of print

Ten Brinke J, Gebbink W, Pallada L, et al: Value of prehospital assessment of spine fracture by paramedics. *Eur J Trauma Emerg Surg* 2017;Epub ahead of print

Tsutsumi Y, Fukuma S, Tsuchiya A, Ikenoue T, et al: Association between spinal immobilization and survival at discharge for on-scene blunt traumatic cardiac arrest: a nationwide retrospective cohort study. *Injury* 2017;Epub ahead of print

Van P, Holcomb J, Schreiber M: Novel concepts for damage control resuscitation in trauma. *Curr Opin Crit Care* 2017;Epub ahead of print

Vertu N, Nascimento M, Pasquier P: Buddy-aid battlefield pain management. *J Trauma Acute Care Surg* 2017;83:992

Vulliamy P, Gillespie S, Gall L, et al: Platelet transfusion reduces fibrinolysis but does not restore platelet function during trauma hemorrhage. *J Trauma Acute Care Surg* 2017;83:388-397

Wilson S, Gangthimmaiah V: Does prehospital management by doctors affect outcome in major trauma? A systematic review. *J Trauma Acute Care Surg* 2017;83:965-974

Xiang L, Klemcke H, Ryan K: The life-saving effect of “adenosine, lidocaine, and magnesium” cocktail during hypovolemic shock: one stone, three birds? *J Trauma Acute Care Surg* 2017;Epub ahead of print

Yoshino O, Perini M, Christophi C, Weinberg L: Perioperative fluid management in major hepatic resection: an integrative review. *Hepatobiliary Pancreat Dis Int* 2017;16:458-469

Yumoto T, Kosaki Y, Yamakawa Y, et al: Occult sources of bleeding in blunt trauma: a narrative review. *Acta Med Okayama* 2017;71:363-368

Yumoto T, Mitsuhashi T, Yamakawa Y, et al: Impact of Cushing's sign in the prehospital setting on predicting the need for immediate neurosurgical intervention in trauma patients: a nationwide retrospective observational study. *Scan J Trauma Resusc Emerg Med* 2016;24:147