## Contents

**Primary survey**  
261 Highlights from this issue  
*S* Goodacre

**Editorial**  
262 Driving improvement in A&E services  
*C* Hughes

**Review**  
263 Delirium within the emergency care setting, occurrence and detection: a systematic review  
E A Baron, J Holmes

**Commentary**  
269 The role of synthetic colloids for the volume resuscitation of critically ill adults  
T Williams, R Parker

**Original articles**  
270 Efficacy of the Dispososcope endoscope, a new video laryngoscope, for endotracheal intubation in patients with cervical spine immobilisation by semirigid neck collar: comparison with the Macintosh laryngoscope using a simulation study on a manikin  
S O Park, D H Shin, K R Lee, D Y Hong, E J Kim, K Je Baek

275 Predictors of lower work ability among emergency medicine employees: the Croatian experience  
A Klasan, G Madzarac, M Milosovic, J Mustapic, S Kelevoa

287 Preventive behaviours against radiation and related factors among general workers after Fukushima’s nuclear disasters  
H Kanda, T Hayakawa, K Koyama

289 Can training improve laypersons helping behaviour in first aid? A randomised controlled deception trial  
S V de Velde, A Roos, K Vangonsveld, L Nizank, K V Praet, A Hessolmans, P Denezel, P Vandekerckhove, D Rembeekers, B Aerens

292 Can training improve laypersons helping behaviour in first aid? A randomised controlled deception trial  
S V de Velde, A Roos, K Vangonsveld, L Nizank, K V Praet, A Hessolmans, P Denezel, P Vandekerckhove, D Rembeekers, B Aerens

293 What factors influence emergency department staff attitudes towards using information technology?  
H Ayatollahi, P A Bath, S Goodacre, S Y Le, M Dragelebo, F A Khan

308 Observational cadaveric study of emergency bystander cricothyroidotomy with a ballpoint pen by untrained junior doctors and medical students  
A Neill, P Anderson

312 Adequacy of the emergency point-of-care ultrasound core curriculum for the local burden of disease in South Africa  
D J van Hoving, H H Lampré, M Stander, K Vallabh, D Fredericks, P Louw, M Müller, J J Malan

316 The use of recombinant activated factor VII (rFVIIa) in the management of patients with major haemorrhage in military hospitals over the last 5 years  
J E Smith

320 Association between admission delay and adverse outcome of emergency medical patients  
D Junhasavasdiuk, P Theernowit, S Kiatboonsri

### Short reports

234 Improving documentation in prehospital rapid sequence intubation: investigating the use of a dedicated airway registry form  
R Bloomer, B J Burns, S Ware

237 Faculty prefer continuity with medical students in the emergency department  
A W Bernat, N E Keman, B Betz, S Khanderwal, J M Caterino

---

**Volume 30 Issue 4 | EMJ April 2013**

**Highlights from this issue**

- *S* Goodacre

**Driving improvement in A&E services**

*C* Hughes

**Delirium within the emergency care setting, occurrence and detection: a systematic review**

E A Baron, J Holmes

**The role of synthetic colloids for the volume resuscitation of critically ill adults**

T Williams, R Parker

**Efficacy of the Dispososcope endoscope, a new video laryngoscope, for endotracheal intubation in patients with cervical spine immobilisation by semirigid neck collar: comparison with the Macintosh laryngoscope using a simulation study on a manikin**

S O Park, D H Shin, K R Lee, D Y Hong, E J Kim, K Je Baek

**Predictors of lower work ability among emergency medicine employees: the Croatian experience**

A Klasan, G Madzarac, M Milosovic, J Mustapic, S Kelevoa

**Preventive behaviours against radiation and related factors among general workers after Fukushima’s nuclear disasters**

H Kanda, T Hayakawa, K Koyama

**Can training improve laypersons helping behaviour in first aid? A randomised controlled deception trial**

S V de Velde, A Roos, K Vangonsveld, L Nizank, K V Praet, A Hessolmans, P Denezel, P Vandekerckhove, D Rembeekers, B Aerens

**What factors influence emergency department staff attitudes towards using information technology?**

H Ayatollahi, P A Bath, S Goodacre, S Y Le, M Dragelebo, F A Khan

**Observational cadaveric study of emergency bystander cricothyroidotomy with a ballpoint pen by untrained junior doctors and medical students**

A Neill, P Anderson

**Adequacy of the emergency point-of-care ultrasound core curriculum for the local burden of disease in South Africa**

D J van Hoving, H H Lampré, M Stander, K Vallabh, D Fredericks, P Louw, M Müller, J J Malan

**The use of recombinant activated factor VII (rFVIIa) in the management of patients with major haemorrhage in military hospitals over the last 5 years**

J E Smith

**Association between admission delay and adverse outcome of emergency medical patients**

D Junhasavasdiuk, P Theernowit, S Kiatboonsri

---

**Improving documentation in prehospital rapid sequence intubation: investigating the use of a dedicated airway registry form**

R Bloomer, B J Burns, S Ware

**Faculty prefer continuity with medical students in the emergency department**

A W Bernat, N E Keman, B Betz, S Khanderwal, J M Caterino

---

This article has been chosen by the Editor to be of special interest or importance and is freely available online.  
This article has been made freely available online under the BMJ Journal Access open access scheme.  
See http://emj.bmj.com/site/about/guidelines.xhtml#open
329  Adrenal trauma: medical and surgical emergency
   O Untereiner, C Charpentier, B Grignon, P Welfringer, J Garric, P M Mertes

Prehospital care
331  Burnout among advanced life support paramedics in Johannesburg, South Africa
   W Stassen, B Van Nugteren, C Stein

334  The impact of intense airway management training on paramedic knowledge and confidence measured before, immediately after and at 6 and 12 months after training
   M Walker, J L Jensen, Y Leroux, J McVey, A E Carter

Best Evidence Topic Reports
339  Towards evidence-based emergency medicine: Best BETs from the Manchester Royal Infirmary
   K C Mackway-Jones

339  BET 1: What prognostic factors can predict outcomes of methamphetamine body stuffers?
   A Kelly

340  BET 2: Is recombinant factor viia beneficial in the management of acute spontaneous intracerebral haemorrhage?
   E Dewhirst

341  BET 3: What are the clinical features of Salvia divinorum toxicity?
   J R Duweke

Images in emergency medicine
302  Cardiac tamponade caused by migration of ingested metallic wire
   Z-W Zhang, T-X Gu, Z-Y Xiu, Q Fang

311  Facial petechia as a sign of strangulation in trauma victims
   R Taslimi, Y Daneshbod, H Mirfazaelian

343  Another case of diarrhoea in a 7-year old
   E Walters, D A Thimann

344  Massive traumatic subgaleal haematoma
   J R Kichari, H Gielkens

PostScript
345  Letter

Miscellaneous
346  Sophia
   M Lewis, J Wyatt