

Christian Vaillancourt

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

8,149
citations

50276
46
h-index

48315
88
g-index

128
all docs

128
docs citations

128
times ranked

5889
citing authors

#	ARTICLE	IF	CITATIONS
1	Rationale, development and implementation of the ReACanROC registry for out-of-hospital cardiac arrests in France and Canada. <i>Emergency Medicine Journal</i> , 2022, 39, 547-553.	1.0	3
2	Bayesian analysis of amiodarone or lidocaine versus placebo for out-of-hospital cardiac arrest. <i>Heart</i> , 2022, , heartjnl-2021-320513.	2.9	5
3	Machine Learning Versus Usual Care for Diagnostic and Prognostic Prediction in the Emergency Department: A Systematic Review. <i>Academic Emergency Medicine</i> , 2021, 28, 184-196.	1.8	34
4	Optimizing collaborative relationships in emergency medicine research. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 291-296.	1.1	1
5	Diagnosis of out-of-hospital cardiac arrest by emergency medical dispatch: A diagnostic systematic review. <i>Resuscitation</i> , 2021, 159, 85-96.	3.0	20
6	Evaluating the paramedic application of the prehospital Canadian C-Spine Rule in sport-related injuries. <i>Canadian Journal of Emergency Medicine</i> , 2021, 23, 356-364.	1.1	0
7	Multi-centre implementation of an Educational program to improve the Cardiac Arrest diagnostic accuracy of ambulance Telecommunicators and survival outcomes for sudden cardiac arrest victims: the EduCATE study design and methodology. <i>BMC Emergency Medicine</i> , 2021, 21, 26.	1.9	0
8	Interim Guidance for Emergency Medical Services Management of Out-of-Hospital Cardiac Arrest During the COVID-19 Pandemic. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007666.	2.2	7
9	Targeted temperature management following out-of-hospital cardiac arrest: a systematic review and network meta-analysis of temperature targets. <i>Intensive Care Medicine</i> , 2021, 47, 1078-1088.	8.2	63
10	VARIATION IN TIME TO NOTIFICATION OF ENROLLMENT AND RATES OF WITHDRAWAL IN RESUSCITATION TRIALS CONDUCTED UNDER EXCEPTION FROM INFORMED CONSENT. <i>Resuscitation</i> , 2021, 168, 160-166.	3.0	4
11	Diagnostic Accuracy of Lung Point-Of-Care Ultrasonography for Acute Heart Failure Compared With Chest X-Ray Study Among Dyspneic Older Patients in the Emergency Department. <i>Journal of Emergency Medicine</i> , 2021, 61, 161-168.	0.7	8
12	CPR compression strategy 30:2 is difficult to adhere to, but has better survival than continuous chest compressions when done correctly. <i>Resuscitation</i> , 2021, 165, 31-37.	3.0	8
13	Compression depth measured by accelerometer vs. outcome in patients with out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 167, 95-104.	3.0	7
14	Current practices and challenges in assessing traumatic hemorrhage: An international survey of trauma care providers. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, e95-e100.	2.1	4
15	Chest compression components (rate, depth, chest wall recoil and leaning): A scoping review. <i>Resuscitation</i> , 2020, 146, 188-202.	3.0	46
16	Can a screening tool safely identify low risk cardiac patients to be transported with primary care flight paramedics?. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, S38-S44.	1.1	0
17	Adult Basic Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2020, 142, S41-S91.	1.6	85
18	Early identification of the need for major intervention in patients with traumatic hemorrhage: development and internal validation of a simple bleeding score. <i>Canadian Journal of Surgery</i> , 2020, 63, E422-E430.	1.2	5

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19	The BEACON study: protocol for a cohort study as part of an evaluation of the effectiveness of smartphone-assisted problem-solving therapy in men who present with intentional self-harm to emergency departments in Ontario. <i>Trials</i> , 2020, 21, 925.	1.6	5
20	Association of Intra-arrest Transport vs Continued On-Scene Resuscitation With Survival to Hospital Discharge Among Patients With Out-of-Hospital Cardiac Arrest. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1058.	7.4	127
21	Adult Basic Life Support. <i>Resuscitation</i> , 2020, 156, A35-A79.	3.0	74
22	ReACanROC: Towards the creation of a France-Canada research network for out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2020, 152, 133-140.	3.0	9
23	Pre-arrest and intra-arrest prognostic factors associated with survival following traumatic out-of-hospital cardiac arrest – A systematic review and meta-analysis. <i>Resuscitation</i> , 2020, 153, 119-135.	3.0	38
24	Using emergency physicians' abilities to predict patient admission to decrease admission delay time. <i>Emergency Medicine Journal</i> , 2020, 37, 417-422.	1.0	5
25	Telecommunicator Cardiopulmonary Resuscitation: A Policy Statement From the American Heart Association. <i>Circulation</i> , 2020, 141, e686-e700.	1.6	54
26	The impact of increased chest compression fraction on survival for out-of-hospital cardiac arrest patients with a non-shockable initial rhythm. <i>Resuscitation</i> , 2020, 154, 93-100.	3.0	24
27	Evaluating the impact of point-of-care ultrasonography on patients with suspected acute heart failure or chronic obstructive pulmonary disease exacerbation in the emergency department: A prospective observational study. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 342-349.	1.1	14
28	Just the Facts: Protected code blue – Cardiopulmonary resuscitation in the emergency department during the coronavirus disease 2019 pandemic. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 431-434.	1.1	5
29	Pragmatic Strategy Empowering Paramedics to Assess Low-Risk Trauma Patients With the Canadian C-Spine Rule and Selectively Transport Them Without Immobilization: Protocol for a Stepped-Wedge Cluster Randomized Trial. <i>JMIR Research Protocols</i> , 2020, 9, e16966.	1.0	5
30	Evaluation of pain management in medical transfer of trauma patients by air. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 776-783.	1.1	0
31	Adverse events associated with nonsteroidal anti-inflammatory drug use among patients taking oral anticoagulants. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 550-551.	1.1	0
32	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2019, 145, 95-150.	3.0	110
33	Multiple shocks or early transfer for shock refractory ventricular fibrillation?. <i>Canadian Journal of Emergency Medicine</i> , 2019, 21, 315-317.	1.1	2
34	A systematic review and meta-analysis of the effect of dispatcher-assisted CPR on outcomes from sudden cardiac arrest in adults and children. <i>Resuscitation</i> , 2019, 138, 82-105.	3.0	71
35	Accuracy of massive transfusion as a surrogate for significant traumatic bleeding in health administrative datasets. <i>Injury</i> , 2019, 50, 318-323.	1.7	11
36	Assessment of Pain Management During Interfacility Air Medical Transport of Intubated Patients. <i>Air Medical Journal</i> , 2019, 38, 421-425.	0.6	1

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37	2019 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations: Summary From the Basic Life Support; Advanced Life Support; Pediatric Life Support; Neonatal Life Support; Education, Implementation, and Teams; and First Aid Task Forces. <i>Circulation</i> , 2019, 140, e826-e880.	1.6	138
38	Pre-arrest and intra-arrest prognostic factors associated with survival after in-hospital cardiac arrest: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 367, l6373.	2.3	68
39	Impact of Bystander Automated External Defibrillator Use on Survival and Functional Outcomes in Shockable Observed Public Cardiac Arrests. <i>Circulation</i> , 2018, 137, 2104-2113.	1.6	124
40	A Multicenter Program to Implement the CanadianÂC-Spine Rule by Emergency DepartmentÂTriage Nurses. <i>Annals of Emergency Medicine</i> , 2018, 72, 333-341.	0.6	14
41	Factors influencing the intentions of nurses and respiratory therapists to use automated external defibrillators during in-hospital cardiac arrest: a qualitative interview study. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 68-79.	1.1	7
42	Systematic review of the use of low-dose ketamine for analgesia in the emergency department. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 36-45.	1.1	19
43	Utility of prehospital electrocardiogram characteristics as prognostic markers in out-of-hospital pulseless electrical activity arrests. <i>Emergency Medicine Journal</i> , 2018, 35, 89-95.	1.0	7
44	Patient and paramedic engagement in prehospital emergency medicine research. <i>Cmaj</i> , 2018, 190, S48-S49.	2.0	2
45	The safety and efficacy of on-site paramedic and allied health treatment interventions targeting the reduction of emergency department visits by long-term care patients: systematic review protocol. <i>Systematic Reviews</i> , 2018, 7, 206.	5.3	4
46	Safety and clinically important events in PCP-initiated STEMI bypass in Ottawa. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 865-873.	1.1	2
47	Variation in Survival After Out-of-Hospital Cardiac Arrest Between Emergency Medical Services Agencies. <i>JAMA Cardiology</i> , 2018, 3, 989.	6.1	60
48	Analysis of bystander CPR quality during out-of-hospital cardiac arrest using data derived from automated external defibrillators. <i>Resuscitation</i> , 2018, 128, 138-143.	3.0	24
49	Recommendations for patient engagement in patient-oriented emergency medicine research. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 435-442.	1.1	17
50	Remifentanyl for procedural sedation: a systematic review of the literature. <i>Emergency Medicine Journal</i> , 2017, 34, 294-301.	1.0	20
51	The association between AHA CPR quality guideline compliance and clinical outcomes from out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2017, 116, 39-45.	3.0	49
52	Early identification of patients requiring massive transfusion, embolization, or hemostatic surgery for traumatic hemorrhage: a systematic review protocol. <i>Systematic Reviews</i> , 2017, 6, 80.	5.3	14
53	Diagnosis and management of deep vein thrombosis in pregnancy. <i>BMJ: British Medical Journal</i> , 2017, 357, j2344.	2.3	10
54	Should we screen extensively for cancer after unprovoked venous thrombosis?. <i>BMJ: British Medical Journal</i> , 2017, 356, j1081.	2.3	6

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55	Antiarrhythmic Drugs for Nonshockable-Turned-Shockable Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2017, 136, 2119-2131.	1.6	26
56	Validation of the Ottawa Subarachnoid Hemorrhage Rule in patients with acute headache. <i>Cmaj</i> , 2017, 189, E1379-E1385.	2.0	53
57	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Circulation</i> , 2017, 136, e424-e440.	1.6	104
58	2017 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations Summary. <i>Resuscitation</i> , 2017, 121, 201-214.	3.0	88
59	Evaluating a medical directive for nurse-initiated analgesia in the Emergency Department. <i>International Emergency Nursing</i> , 2017, 35, 13-18.	1.5	9
60	Cardiopulmonary resuscitation. <i>Cmaj</i> , 2017, 189, E25-E25.	2.0	2
61	Are emergency department clinical pathway interventions adequately described, and are they delivered as intended? A systematic review. <i>International Journal of Care Coordination</i> , 2017, 20, 148-161.	0.4	4
62	Outcome variation among Canadian trauma centres: toward a clinical prediction rule for standardizing approaches to clinical assessment of hemorrhage. <i>Canadian Journal of Surgery</i> , 2017, 60, E3-E4.	1.2	4
63	Bystander fatigue and CPR quality by older bystanders: a randomized crossover trial comparing continuous chest compressions and 30:2 compressions to ventilations. <i>Canadian Journal of Emergency Medicine</i> , 2016, 18, 461-468.	1.1	17
64	Amiodarone, Lidocaine, or Placebo in Out-of-Hospital Cardiac Arrest. <i>New England Journal of Medicine</i> , 2016, 374, 1711-1722.	27.0	329
65	Facilitators and barriers to application of the Canadian C-spine rule by emergency department triage nurses. <i>International Emergency Nursing</i> , 2016, 27, 24-30.	1.5	11
66	What is new in the 2015 American Heart Association guidelines, what is recycled from 2010, and what is relevant for emergency medicine in Canada. <i>Canadian Journal of Emergency Medicine</i> , 2016, 18, 223-229.	1.1	1
67	Unchanged pediatric out-of-hospital cardiac arrest incidence and survival rates with regional variation in North America. <i>Resuscitation</i> , 2016, 107, 121-128.	3.0	160
68	Association of advanced airway device with chest compression fraction during out-of-hospital cardiopulmonary arrest. <i>Resuscitation</i> , 2016, 98, 35-40.	3.0	41
69	CAEP 2014 Academic symposium: "How to make research succeed in your department: How to fund your research program" <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 453-461.	1.1	10
70	CAEP 2014 Academic Symposium: "How to make research succeed in your department: Promoting excellence in Canadian emergency medicine resident research" <i>Canadian Journal of Emergency Medicine</i> , 2015, 17, 591-599.	1.1	14
71	Part 3: Adult basic life support and automated external defibrillation. <i>Resuscitation</i> , 2015, 95, e43-e69.	3.0	188
72	How do emergency physicians make discharge decisions?. <i>Emergency Medicine Journal</i> , 2015, 32, 9-14.	1.0	21

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73	A quantitative analysis of out-of-hospital pediatric and adolescent resuscitation quality – A report from the ROC epistery-cardiac arrest. Resuscitation, 2015, 93, 150-157.	3.0	96
74	CAEP 2014 Academic Symposium: “How to make research succeed in your emergency department: How to develop and train career researchers in emergency medicine” Canadian Journal of Emergency Medicine, 2015, 17, 334-343.	1.1	16
75	Executive summary of the CAEP 2014 Academic Symposium: How to make research succeed in your department. Canadian Journal of Emergency Medicine, 2015, 17, 328-333.	1.1	10
76	Cardiac arrest diagnostic accuracy of 9-1-1 dispatchers: A prospective multi-center study. Resuscitation, 2015, 90, 116-120.	3.0	35
77	A randomized trial of continuous versus interrupted chest compressions in out-of-hospital cardiac arrest: Rationale for and design of the Resuscitation Outcomes Consortium Continuous Chest Compressions Trial. American Heart Journal, 2015, 169, 334-341.e5.	2.7	30
78	Part 3: Adult Basic Life Support and Automated External Defibrillation. Circulation, 2015, 132, S51-83.	1.6	230
79	Chest compression fraction: A time dependent variable of survival in shockable out-of-hospital cardiac arrest. Resuscitation, 2015, 97, 129-135.	3.0	52
80	Trial of Continuous or Interrupted Chest Compressions during CPR. New England Journal of Medicine, 2015, 373, 2203-2214.	27.0	239
81	Barriers and facilitators to CPR knowledge transfer in an older population most likely to witness cardiac arrest: a theory-informed interview approach. Emergency Medicine Journal, 2014, 31, 700-705.	1.0	24
82	Resuscitation Outcomes Consortium “Amiodarone, Lidocaine or Placebo Study (ROC-ALPS): Rationale and methodology behind an out-of-hospital cardiac arrest antiarrhythmic drug trial. American Heart Journal, 2014, 167, 653-659.e4.	2.7	53
83	What Is the Optimal Chest Compression Depth During Out-of-Hospital Cardiac Arrest Resuscitation of Adult Patients?. Circulation, 2014, 130, 1962-1970.	1.6	274
84	The impact of peri-shock pause on survival from out-of-hospital shockable cardiac arrest during the Resuscitation Outcomes Consortium PRIMED trial. Resuscitation, 2014, 85, 336-342.	3.0	174
85	Patient safety analysis of the ED care of patients with heart failure and COPD exacerbations: a multicenter prospective cohort study. American Journal of Emergency Medicine, 2014, 32, 29-35.	1.6	11
86	Barriers and facilitators to CPR training and performing CPR in an older population most likely to witness cardiac arrest: A national survey. Resuscitation, 2013, 84, 1747-1752.	3.0	42
87	What is the role of chest compression depth during out-of-hospital cardiac arrest resuscitation?*. Critical Care Medicine, 2012, 40, 1192-1198.	0.9	357
88	Test Characteristics of Ultrasonography for the Detection of Pneumothorax. Chest, 2012, 141, 703-708.	0.8	748
89	Ultrasonography for the Detection of Pneumothorax: Response. Chest, 2012, 142, 538-539.	0.8	0
90	Endotracheal intubation versus supraglottic airway insertion in out-of-hospital cardiac arrest. Resuscitation, 2012, 83, 1061-1066.	3.0	140

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91	Wide variability in drug use in out-of-hospital cardiac arrest: A report from the resuscitation outcomes consortium. Resuscitation, 2012, 83, 1324-1330.	3.0	45
92	Experiential and rational decision making: a survey to determine how emergency physicians make clinical decisions. Emergency Medicine Journal, 2012, 29, 811-816.	1.0	25
93	Factors Associated with the Successful Recognition of Abnormal Breathing and Cardiac Arrest by Ambulance Communications Officers: A Qualitative Iterative Survey. Prehospital Emergency Care, 2012, 16, 443-450.	1.8	7
94	Regional variations in early and late survival after out-of-hospital cardiac arrest. Resuscitation, 2012, 83, 1343-1348.	3.0	42
95	Mapping Out the Emergency Department Disposition Decision for High-Acuity Patients. Annals of Emergency Medicine, 2012, 60, 567-576.e4.	0.6	62
96	Early versus Later Rhythm Analysis in Patients with Out-of-Hospital Cardiac Arrest. New England Journal of Medicine, 2011, 365, 787-797.	27.0	235
97	In out-of-hospital cardiac arrest patients, does the description of any specific symptoms to the emergency medical dispatcher improve the accuracy of the diagnosis of cardiac arrest: A systematic review of the literature. Resuscitation, 2011, 82, 1483-1489.	3.0	53
98	The impact of increased chest compression fraction on return of spontaneous circulation for out-of-hospital cardiac arrest patients not in ventricular fibrillation. Resuscitation, 2011, 82, 1501-1507.	3.0	218
99	In patients with out-of-hospital cardiac arrest, does the provision of dispatch cardiopulmonary resuscitation instructions as opposed to no instructions improve outcome: A systematic review of the literature. Resuscitation, 2011, 82, 1490-1495.	3.0	87
100	AS22 Impact of dispatch-assisted CPR instructions on bystander CPR and survival rates: A before-after multi-centre study. Resuscitation, 2011, 82, S6.	3.0	2
101	Evaluation of the safety of C-spine clearance by paramedics: design and methodology. BMC Emergency Medicine, 2011, 11, 1.	1.9	45
102	Performer fatigue and CPR quality comparing 30:2 to 15:2 compression to ventilation ratios in older bystanders: A randomized crossover trial. Resuscitation, 2011, 82, 51-56.	3.0	21
103	Socioeconomic status and incidence of sudden cardiac arrest. Cmaj, 2011, 183, 1705-1712.	2.0	90
104	CAEP position statement on bystander cardiopulmonary resuscitation. Canadian Journal of Emergency Medicine, 2011, 13, 339-342.	1.1	3
105	Adverse events among patients registered in high-acuity areas of the emergency department: a prospective cohort study. Canadian Journal of Emergency Medicine, 2010, 12, 421-430.	1.1	63
106	Association of the Ottawa Aggressive Protocol with rapid discharge of emergency department patients with recent-onset atrial fibrillation or flutter. Canadian Journal of Emergency Medicine, 2010, 12, 181-191.	1.1	111
107	A geospatial assessment of transport distance and survival to discharge in out of hospital cardiac arrest patients: Implications for resuscitation centers. Resuscitation, 2010, 81, 518-523.	3.0	46
108	Vernakalant Hydrochloride: A Novel Atrial-Selective Agent for the Cardioversion of Recent-Onset Atrial Fibrillation in the Emergency Department. Academic Emergency Medicine, 2010, 17, 1175-1182.	1.8	18

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109	Out-of-hospital cardiac arrest surveillance in Canada: a survey of national resources. Canadian Journal of Emergency Medicine, 2010, 12, 119-127.	1.1	3
110	Part 5: Adult Basic Life Support: 2010 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Circulation, 2010, 122, S298-S324.	1.6	145
111	Out-of-Hospital Hypertonic Resuscitation Following Severe Traumatic Brain Injury. JAMA - Journal of the American Medical Association, 2010, 304, 1455.	7.4	260
112	Chest Compression Fraction Determines Survival in Patients With Out-of-Hospital Ventricular Fibrillation. Circulation, 2009, 120, 1241-1247.	1.6	667
113	A survey of factors associated with the successful recognition of agonal breathing and cardiac arrest by 9-1-1 call takers: design and methodology. BMC Emergency Medicine, 2009, 9, 14.	1.9	4
114	The Out-of-Hospital Validation of the Canadian C-Spine Rule by Paramedics. Annals of Emergency Medicine, 2009, 54, 663-671.e1.	0.6	90
115	An evaluation of 9-1-1 calls to assess the effectiveness of dispatch-assisted cardiopulmonary resuscitation (CPR) instructions: design and methodology. BMC Emergency Medicine, 2008, 8, 12.	1.9	13
116	A survey of attitudes and factors associated with successful cardiopulmonary resuscitation (CPR) knowledge transfer in an older population most likely to witness cardiac arrest: design and methodology. BMC Emergency Medicine, 2008, 8, 13.	1.9	23
117	Socioeconomic status influences bystander CPR and survival rates for out-of-hospital cardiac arrest victims. Resuscitation, 2008, 79, 417-423.	3.0	103
118	Understanding and improving low bystander CPR rates: a systematic review of the literature. Canadian Journal of Emergency Medicine, 2008, 10, 51-65.	1.1	140
119	Opposition to the use of lidocaine in rapid sequence intubation. Annals of Emergency Medicine, 2007, 49, 86-87.	0.6	23
120	Evaluating the Effectiveness of Dispatch-Assisted Cardiopulmonary Resuscitation Instructions. Academic Emergency Medicine, 2007, 14, 877-883.	1.8	160
121	Emergency Department Use of Intravenous Procainamide for Patients with Acute Atrial Fibrillation or Flutter. Academic Emergency Medicine, 2007, 14, 1158-1164.	1.8	64
122	Acute compartment syndrome: How long before muscle necrosis occurs?. Canadian Journal of Emergency Medicine, 2004, 6, 147-154.	1.1	71
123	Cardiac arrest care and emergency medical services in Canada. Canadian Journal of Cardiology, 2004, 20, 1081-90.	1.7	143
124	Public access defibrillation. Canadian Journal of Emergency Medicine, 2002, 4, 3.	1.1	0
125	Quantifying delays in the recognition and management of acute compartment syndrome. Canadian Journal of Emergency Medicine, 2001, 3, 26-30.	1.1	14