

# Ultrasound guidance for placement of central venous ca

Critical Care Medicine

24, 2053-2058

DOI: 10.1097/00003246-199612000-00020

Citation Report

#	ARTICLE	IF	CITATIONS
1	Psychological Profiling. International Journal of Offender Therapy and Comparative Criminology, 1990, 34, 147-154.	0.8	31
2	Improvement of internal jugular vein cannulation using an ultrasound-guided technique. Intensive Care Medicine, 1997, 23, 916-919.	3.9	210
3	Problems and pitfalls of practical procedures: a medico-legal perspective. Current Anaesthesia and Critical Care, 1998, 9, 278-289.	0.3	6
4	Teaching successful central venous cannulation in infants and children: Audio doppler versus anatomic landmarks. Journal of Cardiothoracic and Vascular Anesthesia, 1998, 12, 523-526.	0.6	19
5	The placement of central venous catheters in infants with cardiac shunts: Safety measures and false alarms. Journal of Cardiothoracic and Vascular Anesthesia, 1998, 12, 445-447.	0.6	0
6	Techniques for conventional access to central veins. Techniques in Vascular and Interventional Radiology, 1998, 1, 125-132.	0.4	2
7	AN EVIDENCE-BASED APPROACH TO CENTRAL VENOUS CATHETER MANAGEMENT TO PREVENT CATHETER-RELATED INFECTION IN CRITICALLY ILL PATIENTS. Critical Care Clinics, 1998, 14, 411-421.	1.0	12
8	THE SURGEON'S USE OF ULTRASOUND IN THE ACUTE SETTING. Surgical Clinics of North America, 1998, 78, 337-364.	0.5	25
9	Intensive Care Society Spring Scientific Meeting. Blackpool, May 14-16, 1998. Abstracts. British Journal of Anaesthesia, 1998, 81, 804P-824P.	1.5	1
10	Prospective, Randomized Trial of Doppler-Assisted Subclavian Vein Catheterization. Archives of Surgery, 1998, 133, 1089.	2.3	85
12	Portable ultrasound for difficult central venous access. British Journal of Anaesthesia, 1999, 82, 822-826.	1.5	96
13	â€œIn the country of the blind, the one-eyed man is kingâ€™, Erasmus (1466-1536). British Journal of Anaesthesia, 1999, 82, 820-821.	1.5	27
14	Ultrasound-Guided Central Venous Access. Archives of Surgery, 1999, 134, 738.	2.3	57
16	Elective tracheal intubation and the intubating laryngeal mask. Anaesthesia, 1999, 54, 810-811.	1.8	2
17	Training method for placement of the laryngeal mask. Anaesthesia, 1999, 54, 811-811.	1.8	5
18	Difficult laryngoscopy and difficult intubation. Anaesthesia, 1999, 54, 811-812.	1.8	2
19	Airway difficulties associated with severe epistaxis. Anaesthesia, 1999, 54, 812-813.	1.8	10
20	Emergency tracheostomy tube change: another use of the tracheal tube. Anaesthesia, 1999, 54, 813-814.	1.8	0

#	ARTICLE	IF	CITATIONS
21	Tonsillectomy - an unusual complication. <i>Anaesthesia</i> , 1999, 54, 814-814.	1.8	0
22	Perception of pain experienced and adequacy of analgesia following elective craniotomy. <i>Anaesthesia</i> , 1999, 54, 814-815.	1.8	14
23	A potential complication of caudal anaesthesia. <i>Anaesthesia</i> , 1999, 54, 816-816.	1.8	1
24	Why mothers die. <i>Anaesthesia</i> , 1999, 54, 816-816.	1.8	0
25	Blood culture in apyrexial patient having epidural blood patch. <i>Anaesthesia</i> , 1999, 54, 816-817.	1.8	3
26	Peri-operative silent myocardial ischaemia. <i>Anaesthesia</i> , 1999, 54, 817-817.	1.8	0
27	Rapid sequence induction. <i>Anaesthesia</i> , 1999, 54, 817-817.	1.8	6
28	Co-induction for ambulatory surgery. <i>Anaesthesia</i> , 1999, 54, 818-818.	1.8	1
29	â€˜Targetâ€™-controlled infusion: misnamed and misplaced. <i>Anaesthesia</i> , 1999, 54, 818-819.	1.8	0
30	Waiting for generic propofol. <i>Anaesthesia</i> , 1999, 54, 819-819.	1.8	0
31	Ultrasound guided central vein cannulation. <i>Anaesthesia</i> , 1999, 54, 819-819.	1.8	1
32	Pitfalls of disposable equipment. <i>Anaesthesia</i> , 1999, 54, 819-821.	1.8	0
33	Ethical approval for research in anaesthesia. <i>Anaesthesia</i> , 1999, 54, 821-821.	1.8	0
34	Care, cars and the Millennium bug. <i>Anaesthesia</i> , 1999, 54, 821-822.	1.8	0
35	An unfortunate allergy. <i>Anaesthesia</i> , 1999, 54, 822-822.	1.8	0
36	Paediatric intensive care - specialisation reduces mortality. <i>Anaesthesia</i> , 1999, 54, 809-810.	1.8	12
37	Paediatric intensive care - specialisation reduces mortality. <i>Anaesthesia</i> , 1999, 54, 810-810.	1.8	0
38	The hemodialysis catheter conundrum: Hate living with them, but canâ€™t live without them. <i>Kidney International</i> , 1999, 56, 1-17.	2.6	343

#	ARTICLE	IF	CITATIONS
39	Percutaneous central venous catheterization with a lethal complication. <i>Intensive Care Medicine</i> , 1999, 25, 1180-1182.	3.9	43
40	Correspondence. <i>Journal of Emergency Medicine</i> , 1999, 17, 743-744.	0.3	0
41	Correspondence. <i>Journal of Emergency Medicine</i> , 1999, 17, 744.	0.3	0
42	Transesophageal echocardiography as a guide to central venous catheter placement in pediatric patients undergoing cardiac surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1999, 13, 320-321.	0.6	16
43	Evaluation of subclavian catheter position. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1999, 13, 359-361.	0.6	1
44	Ultrasound-Guided Infraclavicular Brachial Plexus Block. <i>Regional Anesthesia and Pain Medicine</i> , 2000, 25, 600-604.	1.1	9
45	Gaining vascular access in pediatric patients: Use of the P.D. access Doppler needle. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 51, 61-64.	0.7	12
46	Ultrasonography of the femoral vessels in the groin: implications for vascular access. <i>Anaesthesia</i> , 2000, 55, 1198-1202.	1.8	63
47	Pharmacokinetics of transdermal fentanyl in the peri-operative period in young children. <i>Anaesthesia</i> , 2000, 55, 1202-1207.	1.8	28
48	Evaluation of a pilot regimen for postoperative pain control in patients receiving oral morphine pre-operatively. <i>Anaesthesia</i> , 2000, 55, 1208-1212.	1.8	6
49	Continuing medical education by anaesthetists in Scotland: activities, motivation and barriers. <i>Anaesthesia</i> , 2000, 55, 1192-1197.	1.8	17
50	TECHNICAL NOTE: Preoperative B Mode Ultrasound Mapping of Upper Limb Veins Prior to Vascular Access Surgery. <i>European Journal of Vascular and Endovascular Surgery</i> , 2000, 19, 210-211.	0.8	3
51	Herzbeutelamponade bei Anlage eines zentralen Venenkatheters. <i>Chirurg</i> , 2000, 71, 98-100.	2.3	0
52	Which is the Easiest and Safest Technique for Central venous Access? A Retrospective Survey of more than 5,400 Cases. <i>Journal of Vascular Access</i> , 2000, 1, 100-107.	0.5	46
53	Transverse Cervical Artery Pseudoaneurysm: A Rare Complication of Internal Jugular Vein Cannulation. <i>American Journal of Nephrology</i> , 2000, 20, 476-482.	1.4	31
54	Respiratory jugular venodilation: A new landmark for right internal jugular vein puncture in ventilated patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2000, 14, 40-44.	0.6	16
55	An anteromedial internal jugular vein successfully cannulated using the assistance of ultrasonography. <i>Journal of Clinical Anesthesia</i> , 2000, 12, 83-86.	0.7	3
56	A randomized study of left versus right internal jugular vein cannulation in adults. <i>Journal of Clinical Anesthesia</i> , 2000, 12, 142-145.	0.7	86

#	ARTICLE	IF	CITATIONS
58	Ultrasound-guided infraclavicular brachial plexus block: An alternative technique to anatomical landmark-guided approaches. <i>Regional Anesthesia and Pain Medicine</i> , 2000, 25, 600-604.	1.1	153
59	ULTRASOUND AND OTHER IMAGING TECHNOLOGIES IN THE INTENSIVE CARE UNIT. <i>Surgical Clinics of North America</i> , 2000, 80, 975-1003.	0.5	12
63	Ultrasound guidance for internal jugular vein catheterization. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2001, 15, 803.	0.6	1
64	Examining the Evidence in Anesthesia Literature: A Critical Appraisal of Systematic Reviews. <i>Anesthesia and Analgesia</i> , 2001, 92, 700-709.	1.1	35
65	Examining the Evidence in Anesthesia Literature: A Critical Appraisal of Systematic Reviews. <i>Anesthesia and Analgesia</i> , 2001, 92, 700-709.	1.1	94
66	Delayed complication of central venous catheterisation after prone positioning. <i>Intensive Care Medicine</i> , 2001, 27, 783-784.	3.9	2
67	Regional anaesthesia for limb surgery - before or after general anaesthesia A survey of anaesthetists in the Oxford region. <i>Anaesthesia</i> , 2001, 56, 450-453.	1.8	13
68	Spinal endoscopy in chronic low back pain with radiculopathy A prospective case series. <i>Anaesthesia</i> , 2001, 56, 454-460.	1.8	78
69	Intravesical pressure and the TUR syndrome. <i>Anaesthesia</i> , 2001, 56, 461-465.	1.8	11
70	The use of central venous cannulae in neuroanaesthesia. <i>Anaesthesia</i> , 2001, 56, 465-470.	1.8	11
71	Quantitative assessment of motor block in labouring women receiving epidural analgesia. <i>Anaesthesia</i> , 2001, 56, 470-476.	1.8	49
72	Sevoflurane inhalation conscious sedation for children having dental treatment. <i>Anaesthesia</i> , 2001, 56, 476-480.	1.8	27
73	Compliance with postoperative instructions: a telephone survey of 750 day surgery patients. <i>Anaesthesia</i> , 2001, 56, 481-484.	1.8	30
74	The peri-operative complications of nasal intubation: a comparison of nostril side. <i>Anaesthesia</i> , 2001, 56, 447-484.	1.8	39
75	Acute Dialysis Catheters. <i>Seminars in Dialysis</i> , 2001, 14, 432-435.	0.7	74
76	Ultrasonic Examination. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 403-405.	2.5	145
78	Anatomical Variations in the Internal Jugular Veins of Cancer Patients Affecting Central Venous Access. <i>Ultraschall in Der Medizin</i> , 2001, 22, 23-26.	0.8	42
79	Complications of Femoral and Subclavian Venous Catheterization in Critically Ill Patients<SUBTITLE>A Randomized Controlled Trial</SUBTITLE>. <i>JAMA - Journal of the American Medical Association</i> , 2001, 286, 700.	3.8	1,031

#	ARTICLE	IF	CITATIONS
80	Guidelines for the Prevention of Intravascular Catheter-Related Infections. <i>Pediatrics</i> , 2002, 110, e51-e51.	1.0	318
81	Infection After Radial Artery Catheterization. <i>Anesthesia and Analgesia</i> , 2002, 95, 782-783.	1.1	0
82	Influences of the media on suicide. <i>BMJ: British Medical Journal</i> , 2002, 325, 1374-1375.	2.4	96
83	Complications of central venous catheters: Internal jugular versus subclavian access—A systematic review. <i>Critical Care Medicine</i> , 2002, 30, 454-460.	0.4	575
84	Classical Positioning Decreases Subclavian Vein Cross-Sectional Area in Children. <i>Journal of Trauma</i> , 2002, 53, 272-275.	2.3	26
85	Successful Use of Laryngeal Mask Airway for a Patient with Tracheal Stenosis with Tracheobronchopathia Osteochondroplastica. <i>Anesthesia and Analgesia</i> , 2002, 95, 781-782.	1.1	6
86	Successful Use of Laryngeal Mask Airway for a Patient with Tracheal Stenosis with Tracheobronchopathia Osteochondroplastica. <i>Anesthesia and Analgesia</i> , 2002, 95, 781-782.	1.1	10
87	Central Venous Access in Morbidly Obese Patients. <i>Anesthesia and Analgesia</i> , 2002, 95, 782.	1.1	11
88	Infection After Radial Artery Catheterization. <i>Anesthesia and Analgesia</i> , 2002, 95, 782-783.	1.1	0
89	Central Venous Access in Morbidly Obese Patients. <i>Anesthesia and Analgesia</i> , 2002, 95, 782.	1.1	9
90	Guidelines for the Prevention of Intravascular Catheter-Related Infections. <i>Clinical Infectious Diseases</i> , 2002, 35, 1281-1307.	2.9	262
91	Ultrasound guided central venous access. <i>BMJ: British Medical Journal</i> , 2002, 325, 1373-1374.	2.4	53
92	Does ultrasound imaging before puncture facilitate internal jugular vein cannulation? Prospective randomized comparison with landmark-guided puncture in ventilated patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2002, 16, 572-575.	0.6	114
94	Internal Jugular Vein Patency following Carotid Endarterectomy. <i>Anaesthesia and Intensive Care</i> , 2002, 30, 41-42.	0.2	0
95	Central Venous Long-Term Access Implant in Oncology Patients: Is There a Gold Standard? A Critical Analysis of Available Evidence. <i>Journal of Vascular Access</i> , 2002, 3, 93-96.	0.5	3
96	Use of ultrasound to place central lines. <i>Journal of Critical Care</i> , 2002, 17, 126-137.	1.0	171
97	Applying the science to the prevention of catheter-related infections. <i>Journal of Critical Care</i> , 2002, 17, 114-121.	1.0	25
98	Difficult central venous access and the role of ultrasound. <i>Current Anaesthesia and Critical Care</i> , 2002, 13, 185-193.	0.3	25

#	ARTICLE	IF	CITATIONS
99	Pseudoaneurysm of the Ascending Aorta: a Rare Complication of Central Venous Puncture. <i>EJVES Extra</i> , 2002, 3, 47-49.	0.1	0
100	Complications of invasive monitoring. <i>Anesthesiology Clinics</i> , 2002, 20, 571-588.	1.4	83
101	Central venous catheter use. <i>Intensive Care Medicine</i> , 2002, 28, 1-17.	3.9	311
102	Ultrasound-guided central venous cannulation in infants and children. <i>Acta Anaesthesiologica Scandinavica</i> , 2002, 46, 390-392.	0.7	85
103	Stroke after internal jugular venous cannulation. <i>Acta Neurologica Scandinavica</i> , 2002, 105, 235-239.	1.0	98
104	Voies veineuses centrales : modalités d'implantation, complications immédiates. Sites d'implantation, méthodes de sécurisation, tunnelisation, fixation, hygiène, pansement. <i>Nutrition Clinique Et Metabolisme</i> , 2002, 16, 39-40.	0.2	3
105	A survey of the use of portable ultrasound for central vein cannulation on critical care units in the UK. <i>Anaesthesia</i> , 2002, 57, 365-368.	1.8	20
106	Switching on to ultrasound. <i>Anaesthesia</i> , 2002, 57, 404-418.	1.8	0
107	Central venous catheters in pediatric patients - subclavian venous approach as the first choice. <i>Pediatrics International</i> , 2002, 44, 83-86.	0.2	79
108	Central venous access in intensive care unit patients: is the subclavian vein the royal route?. <i>Intensive Care Medicine</i> , 2002, 28, 1006-1008.	3.9	21
109	Evaluation of an ultrasound-guided technique for central venous access via the internal jugular vein in 493 patients. <i>Supportive Care in Cancer</i> , 2003, 11, 148-155.	1.0	95
110	Progress in central venous access?. <i>Supportive Care in Cancer</i> , 2003, 11, 135-136.	1.0	2
111	Central venous catheter (CVC)-related infections in neutropenic patients. <i>Annals of Hematology</i> , 2003, 82, S149-S157.	0.8	55
112	Monitoring patients on home parenteral nutrition (HPN) in Europe. <i>Clinical Nutrition</i> , 2003, 22, S87-S88.	2.3	0
113	Acute vascular access catheters for haemodialysis: Complications limiting technique survival. <i>Nephrology</i> , 2003, 8, 16-20.	0.7	15
114	Consent and anaesthetic risk. <i>Anaesthesia</i> , 2003, 58, 962-984.	1.8	120
115	Critical care infectious disease. <i>Obstetrics and Gynecology Clinics of North America</i> , 2003, 30, 695-709.	0.7	3
116	Critical care of the obese and bariatric surgical patient. <i>Critical Care Clinics</i> , 2003, 19, 11-32.	1.0	63

#	ARTICLE	IF	CITATIONS
117	What is the best site for central venous catheter insertion in critically ill patients?. Critical Care, 2003, 7, 397.	2.5	34
118	Comparison of delayed complications of central venous catheters placed surgically or radiologically in pediatric oncology patients. Journal of Pediatric Surgery, 2003, 38, 788-792.	0.8	36
119	Preventing Complications of Central Venous Catheterization. New England Journal of Medicine, 2003, 348, 1123-1133.	13.9	2,499
120	Transpleural subclavian central venous catheter placement in a child with scoliosis discovered during a thoracotomy. Journal of Clinical Anesthesia, 2003, 15, 142-144.	0.7	6
121	A novel use of the endocavity (transvaginal) ultrasound probe: central venous access in the ED. American Journal of Emergency Medicine, 2003, 21, 220-222.	0.7	11
122	CathÃ©ters dÃ©puration extra-rÃ©nale aiguÃ©«Catheters for acute renal replacement therapy. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2003, 12, 313-317.	0.1	4
123	Ultrasound Guidance for Medical Thoracoscopy: A Novel Approach. Respiration, 2003, 70, 299-301.	1.2	45
124	Ultrasonic guidance and the complications of central line placement in the emergency department. Emergency Medicine Journal, 2003, 20, 551-552.	0.4	16
125	Ultrasonic locating devices for central venous cannulation: meta-analysis. BMJ: British Medical Journal, 2003, 327, 361-0.	2.4	926
126	Donepezil and succinylcholine. Anaesthesia, 2003, 58, 202-202.	1.8	11
127	Blood bath. Anaesthesia, 2003, 58, 203-203.	1.8	0
128	Oxygen delivery failure. Anaesthesia, 2003, 58, 190-191.	1.8	1
129	An evaluation of the PAXpress Pharyngeal Airway. Anaesthesia, 2003, 58, 191-192.	1.8	4
130	Use of ultrasound guidance in the insertion of radial artery catheters. Critical Care Medicine, 2003, 31, 481-484.	0.4	148
131	Prevalencia de infecciones asociadas a catÃ©teres vasculares centrales. Revista Chilena De Infectologia, 2003, 20, 51.	0.0	7
132	Bougie trauma - what trauma?. Anaesthesia, 2003, 58, 192-193.	1.8	30
133	Echinacea for the Common Cold. Annals of Internal Medicine, 2003, 139, 599.	2.0	2
134	Vascular Access for Acute Extracorporeal Renal Replacement Therapies. , 2003, 142, 159-177.		3



#	ARTICLE	IF	CITATIONS
136	Anaphylaxis to rocuronium. <i>Anaesthesia</i> , 2003, 58, 196-196.	1.8	5
137	Remifentanyl for phaeochromocytoma resection. <i>Anaesthesia</i> , 2003, 58, 196-197.	1.8	6
138	Ipsilateral arm swelling - a rare complication of jugular venous catheterisation. <i>Anaesthesia</i> , 2003, 58, 202-203.	1.8	6
141	Airway management training for all. <i>Anaesthesia</i> , 2003, 58, 185-186.	1.8	2
142	Post intubation airway obstruction in thyroid surgery. <i>Anaesthesia</i> , 2003, 58, 187-188.	1.8	1
143	Peri-operative optimisation. <i>Anaesthesia</i> , 2003, 58, 183-184.	1.8	0
144	Echinacea for the Common Cold. <i>Annals of Internal Medicine</i> , 2003, 139, 599.	2.0	1
145	Priapism Induced by Proton-Pump Inhibitors and Misoprostol. <i>Annals of Internal Medicine</i> , 2003, 139, W-72.	2.0	0
146	A vaginal ultrasound probe is better than nothing. <i>Anaesthesia</i> , 2003, 58, 200-201.	1.8	1
147	Treatment of laryngospasm. <i>Anaesthesia</i> , 2003, 58, 188-188.	1.8	2
148	Finding a use for the lumen in the Portex Tracheal Tube Guide. <i>Anaesthesia</i> , 2003, 58, 190-190.	1.8	3
149	Air - oxygen flowmeter confusion. <i>Anaesthesia</i> , 2003, 58, 194-195.	1.8	2
150	Bronchospasm and difficult intubation. <i>Anaesthesia</i> , 2003, 58, 195-196.	1.8	1
151	Sedation using remifentanyl. <i>Anaesthesia</i> , 2003, 58, 197-198.	1.8	2
152	Todd's paralysis following sedation for sleep nasendoscopy. <i>Anaesthesia</i> , 2003, 58, 198-199.	1.8	2
153	Local clinical research and changes in local clinical practice. <i>Anaesthesia</i> , 2003, 58, 199-200.	1.8	2
155	Unexpected difficult intubation with Portex tracheal tube introducer. <i>Anaesthesia</i> , 2003, 58, 187-187.	1.8	1
156	Acute Migraine Treatment Guideline. <i>Annals of Internal Medicine</i> , 2003, 139, 603.	2.0	0

#	ARTICLE	IF	CITATIONS
157	Echinacea for the Common Cold. <i>Annals of Internal Medicine</i> , 2003, 139, 601.	2.0	1
158	A "foreign body"™ in the circuit filter. <i>Anaesthesia</i> , 2003, 58, 186-187.	1.8	1
159	Improved submental intubation. <i>Anaesthesia</i> , 2003, 58, 189-189.	1.8	12
160	The role of evidence-based methods in scientific study. <i>Anaesthesia</i> , 2003, 58, 184-184.	1.8	1
161	Cricoid ring thing. <i>Anaesthesia</i> , 2003, 58, 196-196.	1.8	3
163	Finding Ping. <i>Annals of Internal Medicine</i> , 2003, 139, W-71.	2.0	0
164	Management of Vascular Catheters for Acute Renal Replacement Therapy. , 2004, 144, 191-202.		0
168	The epic project. Updating the evidence-base for national evidence-based guidelines for preventing healthcare-associated infections in NHS hospitals in England: a report with recommendations. <i>British Journal of Infection Control</i> , 2004, 5, 10-16.	0.4	12
169	Emergency management of the morbidly obese. <i>EMA - Emergency Medicine Australasia</i> , 2004, 16, 309-317.	0.5	40
170	Arterial misplacement of large-caliber cannulas during jugular vein catheterization: case for surgical management1 1No competing interests declared.. <i>Journal of the American College of Surgeons</i> , 2004, 198, 939-944.	0.2	96
171	Is routine ultrasound guidance for central line placement beneficial? A prospective analysis. <i>Journal of Surgical Education</i> , 2004, 61, 71-74.	0.7	34
172	Saline Infusion Markedly Reduces Impedance and Improves Efficacy of Pulmonary Radiofrequency Ablation. <i>CardioVascular and Interventional Radiology</i> , 2004, 27, 321-33.	0.9	32
173	Ultrasound-guided central line insertion. <i>Critical Care</i> , 2004, 8, P72.	2.5	2
174	Surgeon-performed ultrasound in the ICU setting. <i>Surgical Clinics of North America</i> , 2004, 84, 1151-1179.	0.5	17
175	Ultrasound guidance for vascular access. <i>Emergency Medicine Clinics of North America</i> , 2004, 22, 749-773.	0.5	79
176	Optimal Head Rotation for Internal Jugular Vein Cannulation When Relying on External Landmarks. <i>Anesthesia and Analgesia</i> , 2004, 99, 982-988.	1.1	62
177	Ultrasound-guided cannulation of the internal jugular vein in critically ill patients positioned in 30° dorsal elevation. <i>European Journal of Anaesthesiology</i> , 2004, 21, 684-687.	0.7	10
178	Arterial and Central Venous Pressure Monitoring. <i>International Anesthesiology Clinics</i> , 2004, 42, 13-30.	0.3	62

#	ARTICLE	IF	CITATIONS
179	Ultrasound-guided cannulation of the internal jugular vein in critically ill patients positioned in 30° dorsal elevation. <i>European Journal of Anaesthesiology</i> , 2004, 21, 684-687.	0.7	22
180	Injuries and Liability Related to Central Vascular Catheters. <i>Anesthesiology</i> , 2004, 100, 1411-1418.	1.3	242
181	Novel Strategies of Preventing Catheter-Related Infections in the ICU. , 2004, , 159-172.		0
182	Soft tissue trauma: Linking systemic hypothermia to sustained microvascular dysfunction*. <i>Critical Care Medicine</i> , 2005, 33, 1879-1881.	0.4	3
183	From scurvy to sepsis: Vitamin C—A pill for all seasons?*. <i>Critical Care Medicine</i> , 2005, 33, 1881-1882.	0.4	9
184	Myocardial dysfunction in meningococcal septic shock: No clear answer yet*. <i>Critical Care Medicine</i> , 2005, 33, 1884-1886.	0.4	3
185	GW280430A: Pharmacodynamics and Potential Adverse Effects. <i>Anesthesiology</i> , 2005, 102, 862-863.	1.3	3
186	Ultrasound-guided central venous catheter placement: The new standard of care?*. <i>Critical Care Medicine</i> , 2005, 33, 1875-1877.	0.4	41
187	The ACE and smoke behind intracerebral hemorrhage*. <i>Critical Care Medicine</i> , 2005, 33, 1882-1884.	0.4	1
188	How would Consumer Reports rate care in the intensive care unit?*. <i>Critical Care Medicine</i> , 2005, 33, 1860-1862.	0.4	1
189	Circumferential Adjustment of Ultrasound Probe Position to Determine the Optimal Approach to the Internal Jugular Vein: A Noninvasive Geometric Study in Adults. <i>Anesthesia and Analgesia</i> , 2005, 100, 512-519.	1.1	15
190	Misplacement of Central Vein Catheters in Patients with Hemothorax: A New Approach to Resolve the Problem. <i>Journal of Trauma</i> , 2005, 59, 1029-1031.	2.3	3
191	The sirens are singing: The perils of trusting trials stopped early and subgroup analyses*. <i>Critical Care Medicine</i> , 2005, 33, 1870-1871.	0.4	14
192	“Trip wires” in the trenches*. <i>Critical Care Medicine</i> , 2005, 33, 1862-1863.	0.4	1
193	Should emergency medical service rescuers be trained to practice endotracheal intubation?*. <i>Critical Care Medicine</i> , 2005, 33, 1864-1865.	0.4	30
194	Evoked-response testing for prognosis in anoxic-ischemic encephalopathy: A cool approach*. <i>Critical Care Medicine</i> , 2005, 33, 1868-1869.	0.4	8
195	Pleural effusions in the critically ill: The evolving role of bedside ultrasound*. <i>Critical Care Medicine</i> , 2005, 33, 1874-1875.	0.4	7
196	Choose one: Damned if you do/damned if you don't!*. <i>Critical Care Medicine</i> , 2005, 33, 1871-1874.	0.4	30

#	ARTICLE	IF	CITATIONS
197	Nitrite therapeutics: Back to the future*. Critical Care Medicine, 2005, 33, 1865-1867.	0.4	3
198	Cerebrovascular Events Associated With Infusion Through Arterially Malpositioned Triple-Lumen Catheter. Cardiology in Review, 2005, 13, 304-308.	0.6	6
199	Of Mice and Men: Should We Extrapolate Rodent Experimental Data to the Care of Human Neonates?. Anesthesiology, 2005, 102, 866-868.	1.3	66
200	Randomized, controlled clinical trial of point-of-care limited ultrasonography assistance of central venous cannulation: The Third Sonography Outcomes Assessment Program (SOAP-3) Trial*. Critical Care Medicine, 2005, 33, 1764-1769.	0.4	333
201	Fluid balance in acute lung injury: A model of clinical trial development*. Critical Care Medicine, 2005, 33, 1857-1858.	0.4	1
202	Lipoproteins are protective beyond high-density lipoprotein cholesterol and heart disease*. Critical Care Medicine, 2005, 33, 1859-1860.	0.4	3
203	Can we take the teeth out of ventilator-associated pneumonia?*. Critical Care Medicine, 2005, 33, 1867-1868.	0.4	6
204	Mechanistic approaches to acid aspiration and pneumonia must look beyond tumor necrosis factor- $\alpha$ levels*. Critical Care Medicine, 2005, 33, 1877-1878.	0.4	2
205	The Right Thing in the Right Place: Lumbar Plexus Block in Children. Anesthesiology, 2005, 102, 865-865.	1.3	10
206	A Safer and More Effective Intervention for Radiculopathic Pain. Anesthesiology, 2005, 102, 869-869.	1.3	0
207	A Safer and More Effective Intervention for Radiculopathic Pain. Anesthesiology, 2005, 102, 870-870.	1.3	0
208	Endotracheal Tube Damage during Head and Neck Surgeries as a Result of Harmonic Scalpel <sup>®</sup> Use. Anesthesiology, 2005, 102, 870-871.	1.3	23
209	Nitroglycerin to Facilitate Insertion of a Labor Epidural. Anesthesiology, 2005, 102, 872-872.	1.3	1
210	GW280430A: Pharmacodynamics and Potential Adverse Effects. Anesthesiology, 2005, 102, 863-865.	1.3	1
211	Avoid Excessive Sedation during Cervical Injections. Anesthesiology, 2005, 102, 869-869.	1.3	3
212	Transpharyngeal Ultrasonography for Cannulation of the Internal Jugular Vein. Anesthesiology, 2005, 102, 873-874.	1.3	7
213	GW280430A. Anesthesiology, 2005, 102, 861-861.	1.3	2
214	The Right Thing in the Right Place: Lumbar Plexus Block in Children. Anesthesiology, 2005, 102, 865-866.	1.3	7

#	ARTICLE	IF	CITATIONS
215	Interference between Extraneal® Peritoneal Dialysis and the Accu-Chek® Blood Glucose Monitor. <i>Anesthesiology</i> , 2005, 102, 871-871.	1.3	6
216	GW280430A: Pharmacodynamics and Potential Adverse Effects. <i>Anesthesiology</i> , 2005, 102, 861-862.	1.3	11
217	Of Mice and Men: Should We Extrapolate Rodent Experimental Data to the Care of Human Neonates?. <i>Anesthesiology</i> , 2005, 102, 868-869.	1.3	15
218	Ultrasonography-Guided Peripheral Intravenous Access Versus Traditional Approaches in Patients With Difficult Intravenous Access. <i>Annals of Emergency Medicine</i> , 2005, 46, 456-461.	0.3	375
219	Intraoperative pediatric blood transfusion therapy: a review of common issues. Part II: transfusion therapy, special considerations, and reduction of allogenic blood transfusions. <i>Paediatric Anaesthesia</i> , 2005, 15, 814-830.	0.6	78
220	Utility of ultrasound-guided central venous cannulation in pediatric surgical patients: a clinical series. <i>Paediatric Anaesthesia</i> , 2005, 15, 953-958.	0.6	107
221	Toward safer central venous access: ultrasound guidance and sound advice. <i>Anaesthesia</i> , 2005, 60, 1-4.	1.8	20
222	Percutaneous Cephalic Vein Cannulation (in the Deltopectoral Groove), with Ultrasound Guidance. <i>Journal of the American College of Surgeons</i> , 2005, 200, 810-811.	0.2	1
223	Infection control issues in central venous catheter care. <i>Intensive and Critical Care Nursing</i> , 2005, 21, 99-109.	1.4	13
224	Ultrasound guidance during central venous catheterization: A survey of use by house staff physicians. <i>Journal of Critical Care</i> , 2005, 20, 224-229.	1.0	40
225	Obstrucción de la vena aórea superior secundaria a edema faringolaríngeo por hematoma cervical. <i>Medicina Intensiva</i> , 2005, 29, 67-68.	0.4	1
228	Upper Extremity Central Veins. , 2005, , 70-81.		0
229	Improved Care and Reduced Costs for Patients Requiring Peripherally Inserted Central Catheters: the Role of Bedside Ultrasound and a Dedicated Team. <i>Journal of Parenteral and Enteral Nutrition</i> , 2005, 29, 374-379.	1.3	78
230	Ultrasound for central venous access. <i>Continuing Education in Anaesthesia, Critical Care &amp; Pain</i> , 2005, 5, 187-190.	0.6	5
233	Should ultrasound guidance be used for central venous catheterisation in the emergency department?. <i>Emergency Medicine Journal</i> , 2005, 22, 158-164.	0.4	47
234	Bedside Ultrasonography in the ICU. <i>Chest</i> , 2005, 128, 1766-1781.	0.4	138
235	Central venous catheterization in infants and children - small caliber audio-Doppler probe versus ultrasound scanner. <i>Paediatric Anaesthesia</i> , 2005, 15, 858-861.	0.6	21
236	Tension Hydrothorax: A Near-Fatal Complication of Central Venous Catheterization. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 512-515.	0.6	7

#	ARTICLE	IF	CITATIONS
237	A Prospective Randomized Study to Compare Ultrasound-Guided with Nonultrasound-Guided Double Lumen Internal Jugular Catheter Insertion as a Temporary Hemodialysis Access. <i>Renal Failure</i> , 2005, 27, 561-564.	0.8	61
238	Infections Associated with Medical Devices. <i>Drugs</i> , 2005, 65, 179-214.	4.9	384
239	GuÃa de acceso vascular en hemodiÃlisis. <i>PresentaciÃ³n. Angiologia</i> , 2005, 57, 117-207.	0.0	4
240	Case 6â€”2006 Percutaneous Superior Vena Cava Cannulation for Repeat Sternotomy in Cardiac Operations. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2006, 20, 881-887.	0.6	7
242	Ultrasound Guided Central Venous Cannulation. <i>Medical Journal Armed Forces India</i> , 2006, 62, 371-372.	0.3	4
243	Clinical review: alternative vascular access techniques for continuous hemofiltration. <i>Critical Care</i> , 2006, 10, 230.	2.5	15
244	Real-time ultrasound-guided catheterisation of the internal jugular vein: a prospective comparison with the landmark technique in critical care patients. <i>Critical Care</i> , 2006, 10, R162.	2.5	542
247	Central venous catheters: the role of radiology. <i>Clinical Radiology</i> , 2006, 61, 13-22.	0.5	63
248	Carotid artery repair after erroneous insertion of a hemodialysis catheter: case report. <i>Journal of Vascular Access</i> , 2006, 7, 136-138.	0.5	9
249	Critical care of the bariatric patient. <i>Critical Care Medicine</i> , 2006, 34, 1796-1804.	0.4	114
250	Ultrasound-guided arterial cannulation in infants improves success rate. <i>European Journal of Anaesthesiology</i> , 2006, 23, 476-480.	0.7	135
251	The use of tissue models for vascular access training. <i>Journal of General Internal Medicine</i> , 2006, 21, 514-517.	1.3	47
252	Real-Time Ultrasonographically-Guided Internal Jugular Vein Catheterization in the Emergency Department Increases Success Rates and Reduces Complications: A Randomized, Prospective Study. <i>Annals of Emergency Medicine</i> , 2006, 48, 540-547.	0.3	308
253	Randomized Controlled Trial of Single-Operator vs. Two-Operator Ultrasound Guidance for Internal Jugular Central Venous Cannulation. <i>Academic Emergency Medicine</i> , 2006, 13, 245-247.	0.8	27
254	A Prospective Comparison of Ultrasound-guided and Blindly Placed Radial Arterial Catheters. <i>Academic Emergency Medicine</i> , 2006, 13, 1275-1279.	0.8	156
255	Central venous catheter placement in children: a prospective study of complications in a Brazilian public hospital. <i>Pediatric Surgery International</i> , 2006, 22, 536-540.	0.6	33
256	Retroperitoneal bleeding after inadvertent laceration of an arterial collateral during central venous catheterization; treatment with embolization. <i>Emergency Radiology</i> , 2006, 12, 278-281.	1.0	5
257	Peripherally Inserted Central Venous Catheters Are Not Superior to Central Venous Catheters in the Acute Care of Surgical Patients on the Ward. <i>World Journal of Surgery</i> , 2006, 30, 1605-1619.	0.8	101

#	ARTICLE	IF	CITATIONS
259	Temporary Access and Central Venous Catheters. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006, 31, 417-422.	0.8	23
260	Arterial and Central Venous Pressure Monitoring. <i>Anesthesiology Clinics</i> , 2006, 24, 717-735.	1.4	35
261	Percutaneous placement of central venous catheters: comparing the anatomical landmark method with the radiologically guided technique for central venous catheterization through the internal jugular vein in emergent hemodialysis patients. <i>Acta Radiologica</i> , 2006, 47, 43-47.	0.5	62
262	Mechanical Complications of Central Venous Catheters. <i>Journal of Intensive Care Medicine</i> , 2006, 21, 40-46.	1.3	336
264	Current Trends in the Management of Iatrogenic Cervical Carotid Artery Injuries. <i>Vascular and Endovascular Surgery</i> , 2006, 40, 354-361.	0.3	20
265	Central Venous Catheterization: Better and Worse. <i>Journal of Intensive Care Medicine</i> , 2006, 21, 51-53.	1.3	13
266	Effect of the implementation of NICE guidelines for ultrasound guidance on the complication rates associated with central venous catheter placement in patients presenting for routine surgery in a tertiary referral centre. <i>British Journal of Anaesthesia</i> , 2007, 99, 662-665.	1.5	118
267	Survey of Specialists Shows We Are Not Special. <i>Anesthesia and Analgesia</i> , 2007, 105, 879.	1.1	3
268	Ultrasound-Guided Internal Jugular Access. <i>Chest</i> , 2007, 132, 302-309.	0.4	161
271	Central venous catheterization. <i>Critical Care Medicine</i> , 2007, 35, 1390-1396.	0.4	233
272	Gender Disparity in Failure Rate for Arterial Catheter Attempts. <i>Journal of Intensive Care Medicine</i> , 2007, 22, 166-172.	1.3	16
274	Central Venous Catheter Insertion: It is Finally Time to Start Looking. <i>Anesthesia and Analgesia</i> , 2007, 105, 879-880.	1.1	0
275	A Survey of the Use of Ultrasound During Central Venous Catheterization. <i>Anesthesia and Analgesia</i> , 2007, 104, 491-497.	1.1	102
276	Central Venous Catheter Insertion: It is Finally Time to Start Looking. <i>Anesthesia and Analgesia</i> , 2007, 105, 879.	1.1	4
277	Central Landmark for Central Venous Catheterization. <i>Anesthesia and Analgesia</i> , 2007, 104, 216-217.	1.1	0
278	Ultrasound Guidance for Central Vascular Access in the Pediatric Emergency Department. <i>Pediatric Emergency Care</i> , 2007, 23, 203-207.	0.5	31
279	MINIMALLY INVASIVE ECHO-GUIDED PLACEMENT OF THE CARDIAC TUBE IN A VENTRICULOATRIAL SHUNT DURING PREGNANCY. <i>Operative Neurosurgery</i> , 2007, 61, E398.	0.4	1
280	Ultrasound-guided "Low Approach" Femoral Vein Catheterization in Critical Care Patients Results in High Incidence of Deep Vein Thrombosis. <i>Anesthesiology</i> , 2007, 107, 181-182.	1.3	15

#	ARTICLE	IF	CITATIONS
281	Ultrasound imaging in vascular access. <i>Critical Care Medicine</i> , 2007, 35, S178-S185.	0.4	194
282	Where??s the Fire?. <i>Anesthesia and Analgesia</i> , 2007, 105, 878.	1.1	1
283	Endovascular Covered Stent for Management of Arterial Pseudoaneurysms After Central Venous Access. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2007, 21, 99-102.	0.6	23
284	Inferior Thyroid Artery Injury After Attempts of Internal Jugular Venous Catheterization. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2007, 21, 422-424.	0.6	11
285	A comparison between ultrasound-guided central venous line placement and an anatomical landmark technique. <i>Critical Care</i> , 2007, 11, P160.	2.5	1
286	Catheter-Related Central Venous Thrombosis: The Development of a Nationwide Consensus Paper in Italy. , 2007, 12, 38-46.		19
287	Analysis of Tip Malposition and Correction in Peripherally Inserted Central Catheters Placed at Bedside by a Dedicated Nursing Team. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 513-518.	0.2	535
288	PROCEDURAL ULTRASOUND. , 0, , 191-194.		0
289	Complications of Central Venous Catheterization. <i>Journal of the American College of Surgeons</i> , 2007, 204, 681-696.	0.2	313
290	Complications of Central Venous Catheterization. <i>Journal of the American College of Surgeons</i> , 2007, 205, 517.	0.2	4
291	Supraclavicular Approach for Central Venous Catheterization: â€œSafer, Simpler, Speedierâ€• <i>Journal of the American College of Surgeons</i> , 2007, 205, 516-517.	0.2	6
292	epic2: National Evidence-Based Guidelines for Preventing Healthcare-Associated Infections in NHS Hospitals in England. <i>Journal of Hospital Infection</i> , 2007, 65, S1-S59.	1.4	596
293	Ultrasound evaluation of central veins in the intensive care unit: effects of dynamic manoeuvres. <i>Intensive Care Medicine</i> , 2008, 34, 333-338.	3.9	33
294	Ultrasound-Guided Versus Landmark-Guided Femoral Vein Access in Pediatric Cardiac Catheterization. <i>Pediatric Cardiology</i> , 2008, 29, 339-342.	0.6	75
295	Comparison of Ultrasonography-Guided Central Venous Catheterization Between Adult and Pediatric Populations. <i>CardioVascular and Interventional Radiology</i> , 2008, 31, 575-580.	0.9	36
296	Central venous catheter-related infections in hematology and oncology. <i>Annals of Hematology</i> , 2008, 87, 863-876.	0.8	71
297	Sonographically guided venous puncture and fluoroscopically guided placement of tunneled, large-bore central venous catheters for bone marrow transplantationâ€”high success rates and low complication rates. <i>Supportive Care in Cancer</i> , 2008, 16, 897-904.	1.0	25
298	Freehand ultrasoundâ€”guided femoral arterial catheterization in dogs. <i>Journal of Veterinary Emergency and Critical Care</i> , 2008, 18, 306-311.	0.4	10



#	ARTICLE	IF	CITATIONS
299	Interventional radiology in the provision and maintenance of long-term central venous access. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2008, 52, 10-17.	0.9	17
300	Comparison of arterial and central venous cannulations using ultrasound guidance in pigs. <i>Veterinary Anaesthesia and Analgesia</i> , 2008, 35, 161-165.	0.3	12
301	Vascular Access in Oncology Patients. <i>Ca-A Cancer Journal for Clinicians</i> , 2008, 58, 323-346.	157.7	221
302	Anestesia-rianimazione in chirurgia cardiaca. <i>EMC - Anestesia-Rianimazione</i> , 2008, 13, 1-18.	0.1	0
303	The incidence and nature of in-hospital adverse events: a systematic review. <i>Quality and Safety in Health Care</i> , 2008, 17, 216-223.	2.5	1,319
306	Using Simulation-Based Training to Improve Clinical Outcomes: Central Venous Catheter Placement as a Model for Programmed Training. <i>Seminars in Colon and Rectal Surgery</i> , 2008, 19, 64-71.	0.2	2
307	Apport de lâ€™Ã©chographie pour la mise en place des cathÃ©ters veineux centraux. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2008, 17, 731-735.	0.1	0
308	SÃ©curisation des procÃ©dures Â«Â©circulatoiresÂ» (administration des drogues vasoactives, utilisation des Tj ETQq1 1 0.784314 Reanimation De Langue Francaise, 2008, 17, 548-556.	0.1	3
309	Experimental System Prototype of a Portable, Low-Cost, C-Scan Ultrasound Imaging Device. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 519-530.	2.5	17
310	Bedside Ultrasound in Pediatric Emergency Medicine. <i>Pediatrics</i> , 2008, 121, e1404-e1412.	1.0	81
311	Infectious Port Complications Are More Frequent in Younger Patients with Hematologic Malignancies than in Solid Tumor Patients. <i>Oncology</i> , 2008, 74, 237-244.	0.9	58
313	Advances in Critical Care for the Nephrologist. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 554-561.	2.2	7
315	Ultrasound in Resuscitation. , 0, , 367-396.		0
316	Bedside ultrasound in the pediatric emergency department. <i>Current Opinion in Pediatrics</i> , 2008, 20, 352-242.	1.0	26
317	Pulmonary Complications of the Morbidly Obese Patient Admitted to the Medical Intensive Care Unit. <i>Clinical Pulmonary Medicine</i> , 2008, 15, 97-105.	0.3	3
318	Ultrasound in the surgical intensive care unit. <i>Current Opinion in Critical Care</i> , 2008, 14, 415-422.	1.6	25
319	Hemodynamic monitoring by echocardiography in the ICU: the role of the new echo techniques. <i>Current Opinion in Critical Care</i> , 2008, 14, 561-568.	1.6	55
321	A Rare Look at a Cause for Vascular Access Failure After Correct Needle Placement Under Ultrasound Guidance. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 311-312.	0.8	4

#	ARTICLE	IF	CITATIONS
322	Value of Ultrasound Guidance in Placement of Hemodialysis Access Catheters in Patients with End-Stage Renal Disease. <i>American Surgeon</i> , 2008, 74, 1111-1113.	0.4	6
323	PunÃŠÃŁo venosa guiada por ultra-som em unidade de terapia intensiva. <i>Revista Brasileira De Terapia Intensiva</i> , 2009, 21, 190-196.	0.1	7
324	Internal Jugular Vein Cannulation: An Ultrasound-Guided Technique Versus a Landmark-Guided Technique. <i>Clinics</i> , 2009, 64, 989-992.	0.6	75
326	Central Vein Catheterization. , 2009, , 107-119.		0
327	Impact of ultrasonography on central venous catheter insertion in intensive care. <i>Indian Journal of Radiology and Imaging</i> , 2009, 19, 191-198.	0.3	66
328	Resuscitation and Stabilization of the Critically Ill Child. , 2009, , .		6
329	The Accuracy of Portable Ultrasonography to Diagnose Fractures in an Austere Environment. <i>Prehospital Emergency Care</i> , 2009, 13, 50-52.	1.0	57
330	Coagulation Disorders in Patients with Cancer: Nontunneled Central Venous Catheter Placement with US Guidanceâ€”A Single-Institution Retrospective Analysis. <i>Radiology</i> , 2009, 253, 249-252.	3.6	25
331	Best choice of central venous insertion site for the prevention of catheter-related complications in adult patients who need cancer therapy: a randomized trial. <i>Annals of Oncology</i> , 2009, 20, 935-940.	0.6	192
332	ESPEN Guidelines on Parenteral Nutrition: Central Venous Catheters (access, care, diagnosis and) Tj ETQq1 1 0.784314 rgBT /Overloc 2.3 720		
333	Ultrasound guided vascular access: efficacy and safety. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2009, 23, 299-311.	1.7	70
334	Intravenous access in the emergency patient. <i>Current Anaesthesia and Critical Care</i> , 2009, 20, 120-127.	0.3	3
335	Management of Inadvertent Arterial Catheterisation Associated with Central Venous Access Procedures. <i>European Journal of Vascular and Endovascular Surgery</i> , 2009, 38, 707-714.	0.8	98
336	Use of simulationâ€”based mastery learning to improve the quality of central venous catheter placement in a medical intensive care unit. <i>Journal of Hospital Medicine</i> , 2009, 4, 397-403.	0.7	349
337	Ultrasound averts inadvertent injury during internal jugular vein cannulation. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 85-86.	0.7	2
338	Low Levels of Prothrombin Time (INR) and Platelets Do Not Increase the Risk of Significant Bleeding when Placing Central Venous Catheters*. <i>Medizinische Klinik</i> , 2009, 104, 331-335.	0.5	37
341	THE CLINICAL APPLICATION OF CRRTâ€”CURRENT STATUS: Vascular Access for Continuous Renal Replacement Therapy. <i>Seminars in Dialysis</i> , 2009, 22, 133-136.	0.7	26
342	Ultrasonographically Guided Peripheral Intravenous Cannulation in Emergency Department Patients With Difficult Intravenous Access: A Randomized Trial. <i>Annals of Emergency Medicine</i> , 2009, 54, 33-40.	0.3	115

#	ARTICLE	IF	CITATIONS
343	Emergency Ultrasonography and Error Reduction. <i>Annals of Emergency Medicine</i> , 2009, 54, 53-55.	0.3	7
345	Combined ultrasound and fluoroscopy guided port catheter implantation—High success and low complication rate. <i>European Journal of Radiology</i> , 2009, 69, 517-522.	1.2	78
346	The Oblique View: An Alternative Approach for Ultrasound-Guided Central Line Placement. <i>Journal of Emergency Medicine</i> , 2009, 37, 403-408.	0.3	71
347	Ultrasound-guidance vs. standard technique in difficult vascular access patients by ED technicians. <i>American Journal of Emergency Medicine</i> , 2009, 27, 135-140.	0.7	142
348	Outcomes of surgical and radiologic placed implantable central venous access ports. <i>American Journal of Surgery</i> , 2009, 198, 829-833.	0.9	29
349	Bedside Ultrasonic Detection of Massive Hemothorax Due to Superior Vena Cava Perforation After Hemodialysis Catheter Insertion. <i>Acta Anaesthesiologica Taiwanica</i> , 2009, 47, 95-98.	1.0	23
350	Pro: Ultrasound Should Be the Standard of Care for Central Catheter Insertion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2009, 23, 720-724.	0.6	32
351	Application of Ultrasound in Nephrology Practice. <i>Advances in Chronic Kidney Disease</i> , 2009, 16, 396-404.	0.6	10
352	Place des cathÃ©ters tunnÃ©lisÃ©s dans la prise en charge de lâ€™insuffisance rÃ©nale aiguÃ© par Ã©puration extrarÃ©nale. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2009, 18, 714-719.	0.1	4
353	Inhaled vasodilators for pulmonary hypertension in left heart disease: Should we start considering?*. <i>Critical Care Medicine</i> , 2009, 37, 1155-1156.	0.4	0
354	Solutions for care of patients with severe sepsis: Where and how?*. <i>Critical Care Medicine</i> , 2009, 37, 1128-1129.	0.4	1
355	The fate and role of mesenchymal stem cells engrafted in the heart after a myocardial infarction during a second ischemic event*. <i>Critical Care Medicine</i> , 2009, 37, 1130-1131.	0.4	0
356	Ultrasound is coming to a pediatric intensive care unit near you*. <i>Critical Care Medicine</i> , 2009, 37, 1170-1172.	0.4	2
357	Hemofiltration in the early phase of sepsis: Friend or foe?*. <i>Critical Care Medicine</i> , 2009, 37, 1125-1126.	0.4	17
358	The role of positive end-expiratory pressure in modulating the apoptosis response during atelectasis-induced lung injury*. <i>Critical Care Medicine</i> , 2009, 37, 1161-1162.	0.4	0
359	Functional capillary density measurement: A useful new tool to assess the peripheral circulation in infants?*. <i>Critical Care Medicine</i> , 2009, 37, 1173-1174.	0.4	1
360	Ultrasound-guided central venous catheter placement decreases complications and decreases placement attempts compared with the landmark technique in patients in a pediatric intensive care unit*. <i>Critical Care Medicine</i> , 2009, 37, 1090-1096.	0.4	253
361	Terlipressin—More than just a prodrug of lysine vasopressin?*. <i>Critical Care Medicine</i> , 2009, 37, 1135-1136.	0.4	10

#	ARTICLE	IF	CITATIONS
362	The molecular sepsis signature*. Critical Care Medicine, 2009, 37, 1137-1138.	0.4	3
363	Two and a half weeks: Time enough for end-of-life care planning?*. Critical Care Medicine, 2009, 37, 1145.	0.4	1
364	How can we be helpful? Triggers for palliative care consultation in the surgical intensive care unit*. Critical Care Medicine, 2009, 37, 1147-1148.	0.4	601
365	Don't ask, don't tell: delirium in the intensive care unit*. Critical Care Medicine, 2009, 37, 1129-1130.	0.4	2
366	A randomized, controlled trial evaluating postinsertion neck ultrasound in peripherally inserted central catheter procedures. Critical Care Medicine, 2009, 37, 1217-1221.	0.4	54
367	The use of central venous catheters during emergency prehospital care: a 2-year experience. European Journal of Emergency Medicine, 2009, 16, 194-198.	0.5	7
368	Cerebral vasospasm in patients suffering from aneurysmal subarachnoid hemorrhage: An unresolved diagnostic and therapeutic challenge*. Critical Care Medicine, 2009, 37, 1150-1151.	0.4	2
369	Breathing normobaric oxygen protects against splanchnic ischemic injury: How does it work?*. Critical Care Medicine, 2009, 37, 1162-1164.	0.4	1
370	Erythropoietin in sepsis: A new use for a familiar drug?*. Critical Care Medicine, 2009, 37, 1138-1139.	0.4	2
371	Would you like your colloid straight or with a twist of an anti-inflammatory antioxidant?*. Critical Care Medicine, 2009, 37, 1133-1134.	0.4	1
372	Improving Patient Safety With Ultrasonography Guidance During Internal Jugular Central Venous Catheter Placement by Novice Practitioners. Simulation in Healthcare, 2009, 4, 212-216.	0.7	19
373	Physiology of the circulation—An old—new vocabulary*. Critical Care Medicine, 2009, 37, 1143-1144.	0.4	2
374	Improving the assessment score in spontaneous intracerebral hemorrhage*. Critical Care Medicine, 2009, 37, 1152-1153.	0.4	1
375	Transfusion improves cerebral oxygenation . . . but not always*. Critical Care Medicine, 2009, 37, 1166-1167.	0.4	4
376	Poisoned patients are different—Sometimes fat is a good thing*. Critical Care Medicine, 2009, 37, 1157-1158.	0.4	52
377	Internal space of interfaces for noninvasive ventilation: Dead, but not deadly*. Critical Care Medicine, 2009, 37, 1146-1147.	0.4	2
378	The digital patient: Predicting physiologic dynamics with mathematical models*. Critical Care Medicine, 2009, 37, 1167-1168.	0.4	19
379	Pay for performance in critical care: Like it or not, here it comes!*. Critical Care Medicine, 2009, 37, 1132-1133.	0.4	0

#	ARTICLE	IF	CITATIONS
380	An unseen danger: Frequency of posterior vessel wall penetration by needles during attempts to place internal jugular vein central catheters using ultrasound guidance*. Critical Care Medicine, 2009, 37, 2345-2349.	0.4	230
381	The "how" of temperature management in the intensive care unit*. Critical Care Medicine, 2009, 37, 1172-1173.	0.4	3
382	Vasopressin plus corticosteroids: The shock duo!*. Critical Care Medicine, 2009, 37, 1126-1127.	0.4	13
383	Preventing fatal diagnostic errors: The position of D-dimer assays in the diagnostic procedures for acute chest pain*. Critical Care Medicine, 2009, 37, 1140-1141.	0.4	0
384	Does platelet hyperfunction explain grim survival rates after out-of-hospital cardiac arrest?*. Critical Care Medicine, 2009, 37, 1153-1155.	0.4	1
385	The red blood cell: An underestimated actor in alterations of the microcirculation*. Critical Care Medicine, 2009, 37, 1158-1160.	0.4	3
386	Video Analysis of Accidental Arterial Cannulation With Dynamic Ultrasound Guidance for Central Venous Access. Journal of Ultrasound in Medicine, 2009, 28, 1239-1244.	0.8	58
387	Cannulation of the Jugular Veins. , 0, , 78-91.		1
388	Effectiveness of a novel training program for emergency medicine residents in ultrasound-guided insertion of central venous catheters. Canadian Journal of Emergency Medicine, 2009, 11, 343-348.	0.5	56
389	Ultrasound-Guided Venous Access. , 0, , 127-141.		2
390	Use of Ultrasound for Central Venous Access. Progress in Respiratory Research, 2009, , 69-75.	0.1	0
391	The Development of an Independent Rater System to Assess Residents' Competence in Invasive Procedures. Academic Medicine, 2009, 84, 1135-1143.	0.8	26
392	Prophylactic pulsatile cardiopulmonary bypass in the elderly "Stress response reduction at what cost?*. Critical Care Medicine, 2009, 37, 1142-1143.	0.4	1
393	Tomatoes, cadmium, and death in the critically ill "Time for a new approach in mortality prediction?*. Critical Care Medicine, 2009, 37, 1149-1150.	0.4	0
394	Understanding the shared responsibility in assessing the benefits and risks of research for the vulnerable critical care patient*. Critical Care Medicine, 2009, 37, 1169-1170.	0.4	2
395	Pseudomonas aeruginosa and Candida albicans: Do they really need to stick together?*. Critical Care Medicine, 2009, 37, 1164-1166.	0.4	4
396	Hyperglycemia: Breaking the barriers?*. Critical Care Medicine, 2009, 37, 1160-1161.	0.4	0
397	Effects of Positive End-Expiratory Pressure on Internal Jugular Vein Cross-Sectional Area in Anesthetized Adults. Anesthesia and Analgesia, 2010, 110, 1669-1673.	1.1	21

#	ARTICLE	IF	CITATIONS
398	Ultrasound-guided external jugular vein cannulation for central venous access by inexperienced trainees. <i>European Journal of Anaesthesiology</i> , 2010, 27, 300-303.	0.7	26
399	Simulation Training in Central Venous Catheter Insertion: Improved Performance in Clinical Practice. <i>Academic Medicine</i> , 2010, 85, 1462-1469.	0.8	172
400	Real-Time Ultrasound-Guided Peripheral Vascular Access in Pediatric Patients. <i>Anesthesia and Analgesia</i> , 2010, 111, 823-825.	1.1	23
401	Posterior vessel wall penetration by needles during internal jugular vein central catheter placement using ultrasound guidance: Is that a real danger?. <i>Critical Care Medicine</i> , 2010, 38, 735-736.	0.4	6
402	An International Perspective on Ultrasound Training and Use for Thyroid and Parathyroid Disease. <i>World Journal of Surgery</i> , 2010, 34, 1157-1163.	0.8	15
403	Ultrasound-Guided Radiological Placement of Central Venous Port via the Subclavian Vein: A Retrospective Analysis of 500 Cases at a Single Institute. <i>CardioVascular and Interventional Radiology</i> , 2010, 33, 989-994.	0.9	43
404	Real-Time Ultrasound Guidance Facilitates Femoral Arterial Access and Reduces Vascular Complications. <i>JACC: Cardiovascular Interventions</i> , 2010, 3, 751-758.	1.1	386
405	Ultrasound in Central Venous Cannulation. <i>Advances in Anesthesia</i> , 2010, 28, 59-79.	0.5	2
406	Hospitalist use of hand-carried ultrasound: Preparing for battle. <i>Journal of Hospital Medicine</i> , 2010, 5, 163-167.	0.7	18
407	Ultrasound confirmation of guidewire position may eliminate accidental arterial dilatation during central venous cannulation. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2010, 18, 39.	1.1	32
408	Ultrasound-assisted peripheral vascular access in a paediatric ED. <i>EMA - Emergency Medicine Australasia</i> , 2010, 22, 166-170.	0.5	36
409	Ultrasound guidance for central venous catheter placement in Australasian emergency departments: Potential barriers to more widespread use. <i>EMA - Emergency Medicine Australasia</i> , 2010, 22, 514-523.	0.5	16
410	Vascular Access Challenge on a Patient with Cerebral Palsy and Severe Kyphoscoliosis. <i>Journal of Vascular Access</i> , 2010, 11, 66-68.	0.5	4
411	Ultrasound-guided central venous catheterization in prone position. <i>Saudi Journal of Anaesthesia</i> , 2010, 4, 28.	0.2	18
412	Ultrasound-Guided Femoral Dialysis Access Placement. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 235-239.	2.2	107
413	Pneumothorax Following Thoracentesis. <i>Archives of Internal Medicine</i> , 2010, 170, 332.	4.3	264
414	Principles of Examination of the Deep Veins in the Critically Ill. , 2010, , 89-98.		0
415	Emergency resuscitative dialysis: The importance of identification of cannulation site. <i>Annals of Cardiac Anaesthesia</i> , 2010, 13, 184.	0.3	0

#	ARTICLE	IF	CITATIONS
416	Femoral Vein Cannulation Performed by Residents. <i>Anesthesia and Analgesia</i> , 2010, 111, 724-728.	1.1	84
417	Parenteral Nutrition in the Critically Ill Patient. <i>New England Journal of Medicine</i> , 2010, 362, 81-84.	13.9	9
418	Vascular Procedures in the Critically Ill Obese Patient. <i>Critical Care Clinics</i> , 2010, 26, 647-660.	1.0	1
419	Ultrasound-guided central venous catheterization in cancer patients improves the success rate of cannulation and reduces mechanical complications: A prospective observational study of 1,978 consecutive catheterizations. <i>World Journal of Surgical Oncology</i> , 2010, 8, 91.	0.8	81
420	Prevention of central venous catheter-related infection in the intensive care unit. <i>Critical Care</i> , 2010, 14, 212.	2.5	149
421	Ultrasound in obstetric anaesthesia: a review of current applications. <i>International Journal of Obstetric Anesthesia</i> , 2010, 19, 320-326.	0.2	26
422	Effect of Bedside Ultrasound on Management of Pediatric Soft-Tissue Infection. <i>Journal of Emergency Medicine</i> , 2010, 39, 637-643.	0.3	66
423	Clinical practices concerning central venous catheters in haematological patients. <i>European Journal of Oncology Nursing</i> , 2010, 14, 200-204.	0.9	17
424	Insertion and Placement of Central Catheters in the Oncology Patient. <i>Seminars in Oncology Nursing</i> , 2010, 26, 102-112.	0.7	20
425	Ultrasound guidance for central venous catheter placement: results from the Central Line Emergency Access Registry Database. <i>American Journal of Emergency Medicine</i> , 2010, 28, 561-567.	0.7	49
427	Central venous catheter tip malposition. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2010, 54, 35-42.	0.9	22
428	Bedside Procedures for the Intensivist. , 2010, , .		2
429	Real-time ultrasound-guided percutaneous dilatational tracheostomy. <i>Critical Care</i> , 2011, 15, 443.	2.5	33
430	Safety of a training program for ultrasound-guided internal jugular vein catheterization in critically ill patients. <i>Revista Da Associação Médica Brasileira</i> , 2011, 57, 394-397.	0.3	5
431	Safety of a training program for ultrasound-guided internal jugular vein catheterization in critically ill patients. <i>Revista Da Associação Médica Brasileira (English Edition)</i> , 2011, 57, 387-390.	0.1	0
432	The Use of Ultrasound in Vascular Procedures. <i>Surgical Clinics of North America</i> , 2011, 91, 173-184.	0.5	14
433	Evaluation of proper above-the-diaphragm central venous catheter placement: the saline flush test. <i>American Journal of Emergency Medicine</i> , 2011, 29, 842.e1-842.e3.	0.7	10
434	Guidelines for the prevention of intravascular catheter-related infections. <i>American Journal of Infection Control</i> , 2011, 39, S1-S34.	1.1	874

#	ARTICLE	IF	CITATIONS
435	Point-of-Care Ultrasonography. <i>New England Journal of Medicine</i> , 2011, 364, 749-757.	13.9	1,372
436	Guidelines for the Prevention of Intravascular Catheter-related Infections. <i>Clinical Infectious Diseases</i> , 2011, 52, e162-e193.	2.9	2,242
437	Acesso venoso central guiado por ultrassom: qual a evidÃancia?. <i>Revista Brasileira De Terapia Intensiva</i> , 2011, 23, 217-221.	0.1	6
438	Acute and Chronic Catheter in Hemodialysis. , 2011, , .		2
439	An Uncommon Arteriovenous Fistula Resulting from Haemodialysis Catheterization despite Applying Ultrasound Guidance: Malposition of Catheter into Right Subclavian Artery. <i>Hong Kong Journal of Emergency Medicine</i> , 2011, 18, 166-168.	0.4	1
440	Management of Congenital Aortic Stenosis by Catheter Techniques. , 2011, , .		0
441	Central Venous Catheters: Legal Issues. <i>Journal of Vascular Access</i> , 2011, 12, 273-279.	0.5	21
442	Vascular Access for Hemodialysis. , 2011, , .		3
443	Real-time ultrasound-guided subclavian vein cannulation versus the landmark method in critical care patients: A prospective randomized study*. <i>Critical Care Medicine</i> , 2011, 39, 1607-1612.	0.4	322
444	Ultrasound Diagnosis of Central Line Guidewire Entrapment With an Inferior Vena Cava Filter. <i>ICU Director</i> , 2011, 2, 215-217.	0.2	1
445	Pediatric Vascular Access andÃCenteses. , 2011, , 139-163.		2
447	Central venous and pulmonary artery catheterization. , 0, , 57-78.		1
448	Ultrasound guidance of vascular catheterization. , 0, , 136-144.		0
450	Basic principles and current applications of lung ultrasonography in the intensive care unit. <i>Respirology</i> , 2011, 16, 249-256.	1.3	35
451	Angioaccess for Hemodialysis. <i>Current Problems in Surgery</i> , 2011, 48, 443-517.	0.6	2
452	Eight Secrets to Implementing Bedside Ultrasonography in Pediatric Emergency Medicine. <i>Clinical Pediatric Emergency Medicine</i> , 2011, 12, 65-72.	0.4	0
453	Outcome analysis in 3,160 implantations of radiologically guided placements of totally implantable central venous port systems. <i>European Radiology</i> , 2011, 21, 1224-1232.	2.3	106
454	Transcutaneous pressure at which the internal jugular vein is collapsed on ultrasonic imaging predicts easiness of the venous puncture. <i>Journal of Anesthesia</i> , 2011, 25, 308-311.	0.7	2



#	ARTICLE	IF	CITATIONS
455	Central venous port placement in advanced breast cancer patients: comparison of the anatomic-landmark and ultrasound-guided techniques. Chinese-German Journal of Clinical Oncology, 2011, 10, 695-698.	0.1	0
457	A survey of ultrasound use by academic and community anesthesiologists in Ontario. Canadian Journal of Anaesthesia, 2011, 58, 929-935.	0.7	24
458	Clinical applications of bedside ultrasonography in internal and emergency medicine. Internal and Emergency Medicine, 2011, 6, 195-201.	1.0	32
459	Utility of Ultrasound Versus Landmark-Guided Axillary Artery Cannulation for Hemodynamic Monitoring in the Intensive Care Unit. ICU Director, 2011, 2, 54-59.	0.2	2
460	Summary of Recommendations: Guidelines for the Prevention of Intravascular Catheter-related Infections. Clinical Infectious Diseases, 2011, 52, 1087-1099.	2.9	407
461	Battlefield Applications for Handheld Ultrasound. Ultrasound Quarterly, 2011, 27, 171-176.	0.3	30
462	Ultrasound-Guided Catheterization of the Radial Artery. Chest, 2011, 139, 524-529.	0.4	182
463	A Prerotational, Simulation-Based Workshop Improves the Safety of Central Venous Catheter Insertion. Chest, 2011, 140, 652-658.	0.4	46
464	Complicaciones mecánicas de los accesos venosos centrales. Revista Médica Clínica Las Condes, 2011, 22, 350-360.	0.2	3
465	Accesos venosos centrales guiados por ultrasonido: ¿existe evidencia suficiente para justificar su uso de rutina?. Revista Médica Clínica Las Condes, 2011, 22, 361-368.	0.2	2
466	Safe Placement of Central Venous Catheters. Journal of Intensive Care Medicine, 2011, 26, 392-396.	1.3	16
467	Bedside ultrasonography detects significant femoral vessel overlap: implications for central venous cannulation. Canadian Journal of Emergency Medicine, 2011, 13, 245-250.	0.5	9
468	Çocuk yoğün bakım biriminde santral venöz kateterizasyon komplikasyonlarının değerlendirilmesi. Türk Pediatri Arsivi, 2011, 46, 215-219.	0.9	3
470	Mechanical and infectious complications of central venous catheterizations in a tertiary-level intensive care unit in northern India. Indian Journal of Anaesthesia, 2012, 56, 376.	0.3	23
471	Point-of-Care Echocardiography in the Accountable Care Organization Era. Circulation: Cardiovascular Imaging, 2012, 5, 676-682.	1.3	10
472	Comparison of ultrasound-guided versus anatomical landmark-guided cannulation of the femoral vein at the optimum position in infants. Annals of Pediatric Surgery, 2012, 8, 65-68.	0.1	2
475	Section 5: Dialysis Interventions for Treatment of AKI. Kidney International Supplements, 2012, 2, 89-115.	4.6	92
476	Echogenic Technology Improves Cannula Visibility during Ultrasound-Guided Internal Jugular Vein Catheterization via a Transverse Approach. Critical Care Research and Practice, 2012, 2012, 1-5.	0.4	3

#	ARTICLE	IF	CITATIONS
477	Optimization of Cannula Visibility during Ultrasound-Guided Subclavian Vein Catheterization, via a Longitudinal Approach, by Implementing Echogenic Technology. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-6.	0.4	9
478	An Ultrasound Study of Cerebral Venous Drainage after Internal Jugular Vein Catheterization. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-5.	0.4	4
479	Randomized, prospective, observational simulation study comparing residents'™ needle-guided vs free-hand ultrasound techniques for central venous catheter access. <i>British Journal of Anaesthesia</i> , 2012, 108, 72-79.	1.5	57
480	Ultrasound-guided subclavian and axillary vein cannulation via an infraclavicular approach. <i>Critical Care Medicine</i> , 2012, 40, 2922-2923.	0.4	10
481	Dimension and overlap of femoral and neck blood vessels in neonates. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 312-317.	0.2	16
482	Central venous catheters. <i>Critical Care Medicine</i> , 2012, 40, 2528-2529.	0.4	5
483	Effects of four different positive airway pressures on right internal jugular vein catheterisation. <i>European Journal of Anaesthesiology</i> , 2012, 29, 223-228.	0.7	11
484	Transition from neonatal intensive care unit to special care nurseries. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 305-311.	0.2	22
485	Is a Neutral Head Position Safer than 45-Degree Neck Rotation During Ultrasound-Guided Internal Jugular Vein Cannulation? Results of a Randomized Controlled Clinical Trial. <i>Anesthesia and Analgesia</i> , 2012, 114, 777-784.	1.1	31
486	Point of Care Cardiac Ultrasound Applications in the Emergency Department and Intensive Care Unit - A Review. <i>Current Cardiology Reviews</i> , 2012, 8, 98-108.	0.6	121
487	Use of Ultrasound Guidance Improves Central Venous Catheter Insertion Success Rates Among Junior Residents. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 1519-1526.	0.8	33
488	Arterial Injury Complicating Subclavian Central Venous Catheter Insertion. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 101-103.	0.6	7
489	Continuous Renal-Replacement Therapy for Acute Kidney Injury. <i>New England Journal of Medicine</i> , 2012, 367, 2505-2514.	13.9	176
490	Sonographic guidance for tunneled central venous catheters insertion in pediatric oncologic patients: guided punctures and guide wire localization. <i>Chinese-German Journal of Clinical Oncology</i> , 2012, 11, 484-490.	0.1	1
491	Massive fluidopneumothorax after implantation of a totally implantable venous access port: report of a case. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2012, 44, 281-284.	0.3	1
492	Subclavian vein puncture vs. surgical cut-down to the cephalic vein for insertion of totally implantable venous access ports. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2012, 44, 331-335.	0.3	5
494	Greater Saphenous Vein Location in a Pediatric Population. <i>Journal of Pediatric Nursing</i> , 2012, 27, 626-631.	0.7	2
495	Hybrid Stent-Graft Repair of an Iatrogenic Complex Proximal Right Common Carotid Artery Injury. <i>Annals of Vascular Surgery</i> , 2012, 26, 574.e1-574.e7.	0.4	8

#	ARTICLE	IF	CITATIONS
496	Comparison of ultrasound-guided vs. anatomical landmark-guided cannulation of the femoral vein at the optimum position in infant. <i>Southern African Journal of Anaesthesia and Analgesia</i> , 2012, 18, 162-166.	0.1	6
497	Monitoring Devices in the Intensive Care Unit. <i>Surgical Clinics of North America</i> , 2012, 92, 1387-1402.	0.5	4
498	New Developments in the Prevention of Intravascular Catheter Associated Infections. <i>Infectious Disease Clinics of North America</i> , 2012, 26, 1-11.	1.9	22
499	A venipuncture needle exchange device designed for central venous catheterization. <i>Journal of Clinical Anesthesia</i> , 2012, 24, 605-606.	0.7	0
500	Decrease in central venous catheter placement due to use of ultrasound guidance for peripheral intravenous catheters. <i>American Journal of Emergency Medicine</i> , 2012, 30, 1950-1954.	0.7	126
501	Complications of Catheters: Tunneled and Nontunneled. <i>Advances in Chronic Kidney Disease</i> , 2012, 19, 188-194.	0.6	98
502	Complications of 1309 Internal Jugular Vein Cannulations with the Anatomic Landmarks Technique in Infants and Children. <i>Journal of Vascular Access</i> , 2012, 13, 198-202.	0.5	10
503	Obesity Hinders Ultrasound Visualization of the Subclavian Vein: Implications for Central Venous Access. <i>Journal of Vascular Access</i> , 2012, 13, 246-250.	0.5	8
504	Unintended Cannulation of the Subclavian Artery in a 65-Year-Old-Female for Temporary Hemodialysis Vascular Access: Management and Prevention. <i>Journal of Korean Medical Science</i> , 2012, 27, 1265.	1.1	11
505	Ultrasound and Fluoroscopy-Guided Placement of Central Venous Ports via Internal Jugular Vein: Retrospective Analysis of 1254 Port Implantations at a Single Center. <i>Korean Journal of Radiology</i> , 2012, 13, 314.	1.5	56
506	International evidence-based recommendations on ultrasound-guided vascular access. <i>Intensive Care Medicine</i> , 2012, 38, 1105-1117.	3.9	1,199
507	Hemodynamic Monitoring in the Critically Ill: Spanning the Range of Kidney Function. <i>American Journal of Kidney Diseases</i> , 2012, 59, 715-723.	2.1	14
509	Management and prevention of complications of subcutaneous intravenous infusion port. <i>Surgical Oncology</i> , 2012, 21, 7-13.	0.8	20
510	A minimally invasive technique for closing an iatrogenic subclavian artery cannulation using the Angio-Seal closure device: two case reports. <i>Journal of Medical Case Reports</i> , 2012, 6, 82.	0.4	9
511	An iatrogenic complication of internal jugular vein catheterization for hemodialysis. <i>Irish Journal of Medical Science</i> , 2012, 181, 135-137.	0.8	8
514	Ultrasound analysis of the relationship between right internal jugular vein and common carotid artery in the left head-rotation and head-flexion position. <i>Heart and Vessels</i> , 2013, 28, 620-625.	0.5	7
515	Ultrasound-guided infraclavicular axillary vein puncture is effective to avoid pinch-off syndrome: a long-term follow-up study. <i>Surgery Today</i> , 2013, 43, 745-750.	0.7	9
516	Diagnosis and insertion of Hickman catheter for a patient with persistent left superior vena cava. <i>Acta Anaesthesiologica Taiwanica</i> , 2013, 51, 44-48.	1.0	1

#	ARTICLE	IF	CITATIONS
517	Central Venous Catheter Care for the Patient With Cancer: American Society of Clinical Oncology Clinical Practice Guideline. <i>Journal of Clinical Oncology</i> , 2013, 31, 1357-1370.	0.8	278
518	Comparison of ultrasound guidance with the traditional palpation and fluoroscopy method for the common femoral artery puncture. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 82, 1187-1192.	0.7	63
519	Subclavian central venous catheter-related thrombosis in trauma patients: incidence, risk factors and influence of polyurethane type. <i>Critical Care</i> , 2013, 17, R103.	2.5	12
520	Management of Inadvertent Carotid Artery Sheath Insertion During Central Venous Catheter Placement. <i>JAMA Surgery</i> , 2013, 148, 1063.	2.2	19
521	Contrast-induced acute kidney injury and renal support for acute kidney injury: a KDIGO summary (Part 1). <i>Clinical Journal of the American Society of Nephrology</i> , 2013, 4, 155-160.	2.5	158
522	A Retrospective study of complications of therapeutic plasma exchange in myasthenia. <i>Muscle and Nerve</i> , 2013, 47, 170-176.	1.0	30
524	Flow confirmation study for central venous port in oncologic outpatient undergoing chemotherapy: Evaluation of suspected system-related mechanical complications. <i>European Journal of Radiology</i> , 2013, 82, e691-e696.	1.2	6
525	Assessing the Quality of Central Venous Catheter and Peripherally Inserted Central Catheter Videos on the YouTube Video-Sharing Web site. , 2013, 18, 177-182.		7
526	Ultrasound-guided subclavian venous catheterisation - is this the way forward? A narrative review. <i>International Journal of Clinical Practice</i> , 2013, 67, 726-732.	0.8	20
527	Temporary Hemodialysis Catheter Placement by Nephrology Fellows: Implications for Nephrology Training. <i>American Journal of Kidney Diseases</i> , 2013, 62, 474-480.	2.1	25
528	Imaging and management of complications of central venous catheters. <i>Clinical Radiology</i> , 2013, 68, 529-544.	0.5	101
529	A Prospective Randomized Trial of Ultrasound- vs Landmark-Guided Central Venous Access in the Pediatric Population. <i>Journal of the American College of Surgeons</i> , 2013, 216, 939-943.	0.2	100
530	Vessel bifurcation localization based on intraoperative three-dimensional ultrasound and catheter path for image-guided catheter intervention of oral cancers. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 113-122.	3.5	8
531	Ultrasound-Guided Vascular Access: A Comprehensive Review. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 345-360.	0.6	85
532	Utility and feasibility of ultrasound-guided access in patients with critical limb ischemia. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, 1204-1211.	0.7	7
533	Verification of correct central venous catheter placement in the emergency department: comparison between ultrasonography and chest radiography. <i>Internal and Emergency Medicine</i> , 2013, 8, 173-180.	1.0	44
534	Vascular access in therapeutic apheresis: Update 2013. <i>Journal of Clinical Apheresis</i> , 2013, 28, 64-72.	0.7	38
536	Ultrasound-guided central venous cannulation is superior to quick-look ultrasound and landmark methods among inexperienced operators: a prospective randomized study. <i>Intensive Care Medicine</i> , 2013, 39, 1938-1944.	3.9	62

#	ARTICLE	IF	CITATIONS
537	Guidewire localization by transthoracic echocardiography during central venous catheter insertion: a periprocedural method to evaluate catheter placement. <i>Intensive Care Medicine</i> , 2013, 39, 1932-1937.	3.9	50
538	Continuous Renal Replacement Therapy (CRRT). <i>Studies in Computational Intelligence</i> , 2013, , 929-1009.	0.7	0
539	Intensive Care Ultrasound: II. Central Vascular Access and Venous Diagnostic Ultrasound. <i>Annals of the American Thoracic Society</i> , 2013, 10, 549-556.	1.5	4
540	Intensive Care Ultrasound: I. Physics, Equipment, and Image Quality. <i>Annals of the American Thoracic Society</i> , 2013, 10, 540-548.	1.5	12
541	Massive hemothorax immediately after removal of central venous catheter -A case report-. <i>Korean Journal of Anesthesiology</i> , 2013, 65, 77.	0.9	5
542	Elimination of pneumothorax and hemothorax during placement of implantable venous access ports using ultrasound and fluoroscopic guidance. <i>Vascular</i> , 2013, 21, 345-348.	0.4	6
543	Ultrasound-based imaging in neurocritical care patients: a review of clinical applications. <i>Neurological Research</i> , 2013, 35, 149-158.	0.6	17
544	A prospective observational study of the outcome of central venous catheterization in 100 patients. <i>Anesthesia: Essays and Researches</i> , 2013, 7, 71.	0.2	6
545	Colectomies performed at a rural <sc>A</sc>ustralian <sc>H</sc>ospital: A 7â€year analysis. <i>Australian Journal of Rural Health</i> , 2013, 21, 279-284.	0.7	3
546	Systematic review and meta-analysis of percutaneous subclavian vein puncture<i> versus</i> surgical venous cutdown for the insertion of a totally implantable venous access device. <i>British Journal of Surgery</i> , 2013, 101, 8-16.	0.1	43
547	Review article: the management of longâ€term parenteral nutrition. <i>Alimentary Pharmacology and Therapeutics</i> , 2013, 37, 587-603.	1.9	129
548	Systematic review: is real-time ultrasonic-guided central line placement by ED physicians more successful than the traditional landmark approach?. <i>Emergency Medicine Journal</i> , 2013, 30, 355-359.	0.4	45
549	Ultrasound guidance for difficult peripheral venous access: systematic review and meta-analysis. <i>Emergency Medicine Journal</i> , 2013, 30, 521-526.	0.4	172
550	Subclavian Central Venous Catheters and Ultrasound Guidance: Policy vs Practice. <i>Journal of Vascular Access</i> , 2013, 14, 104-110.	0.5	11
551	Size Variation Between Contralateral Infraclavicular Axillary Veins Within Individual Patientsâ€™ Implications for Subclavian Venous Central Line Insertion*. <i>Critical Care Medicine</i> , 2013, 41, 457-463.	0.4	13
552	2012 Ultrasound First Forum Proceedings. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 555-566.	0.8	9
553	Implementation of a Successful Incentive-based Ultrasound Credentialing Program for Emergency Physicians. <i>Western Journal of Emergency Medicine</i> , 2013, 14, 602-608.	0.6	24
554	External Jugular Vein Cross-Over as a New Technique for Percutaneous Central Venous Port Access in Case of Left Central Venous Occlusion. <i>Journal of Vascular Access</i> , 2013, 14, 388-391.	0.5	2

#	ARTICLE	IF	CITATIONS
555	Comparative study of ultrasound guided subclavian venous cannulation versus conventional technique: Advantages and disadvantages. International Journal of Biomedical and Advance Research, 2013, 4, 784.	0.1	1
556	Safety of Percutaneous Tunneled Hemodialysis Catheter Procedures in Patients Receiving Concurrent Clopidogrel Therapy. Journal of Vascular Access, 2014, 15, 33-37.	0.5	10
558	Left Atrium Penetration and Tamponade: A Rare Complication of Right Subclavian Permanent Dialysis Catheter. Journal of Vascular Access, 2014, 15, 139-140.	0.5	4
559	Novel Ultrasound Guidance System for Real-time Central Venous Cannulation: Safety and Efficacy. Western Journal of Emergency Medicine, 2014, 15, 536-540.	0.6	9
560	Missed Carotid Artery Cannulation: A Line Crossed and Lessons Learnt. Anaesthesia and Intensive Care, 2014, 42, 793-800.	0.2	11
561	Getting the most from ultrasound guidance for CVC insertion. British Journal of Nursing, 2014, 23, S24-S28.	0.3	1
562	Evaluation of ultrasound for central venous access in ICU by an in experienced trainee. Indian Journal of Critical Care Medicine, 2014, 18, 26-32.	0.3	8
563	Point-of-care ultrasonography adoption in Canada: using diffusion theory and the Evaluation Tool for Ultrasound skills Development and Education (ETUDE). Canadian Journal of Emergency Medicine, 2014, 16, 345-351.	0.5	8
564	Vascular Access Puncture Under Ultrasound Guidance. Therapeutic Apheresis and Dialysis, 2014, 18, 213-214.	0.4	17
565	Use of Ultrasound Guidance for Central Venous Catheter Placement: Survey From the American Board of Emergency Medicine Longitudinal Study of Emergency Physicians. Academic Emergency Medicine, 2014, 21, 416-421.	0.8	37
566	Ultrasound Assistance for Central Venous Catheter Placement in a Pediatric Emergency Department Improves Placement Success Rates. Academic Emergency Medicine, 2014, 21, 981-986.	0.8	23
567	Establishing Intensivist-Driven Ultrasound at the PICU Bedside—It's About Time*. Pediatric Critical Care Medicine, 2014, 15, 649-652.	0.2	14
568	The Pulmonary Artery Catheter in 2014. Refresher Courses in Anesthesiology, 2014, 42, 55-64.	0.1	0
569	Central Venous Vascular Access. , 2014, , 345-370.		1
570	Standardizing Central Line Safety. American Journal of Medical Quality, 2014, 29, 191-199.	0.2	16
571	Achieving Optimal Clinical Outcomes in Ultrasound-Guided Central Venous Catheterizations of the Internal Jugular Vein After a Simulation-Based Training Program for Novice Learners. Simulation in Healthcare, 2014, 9, 161-166.	0.7	7
572	Vascular Complications of Central Venous Catheter Placement: Evidence-Based Methods for Prevention and Treatment. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 358-368.	0.6	121
573	The utility of transthoracic echocardiography to confirm central line placement: An observational study. Canadian Journal of Anaesthesia, 2014, 61, 340-346.	0.7	22

#	ARTICLE	IF	CITATIONS
574	ICU 2020. <i>Journal of Intensive Care Medicine</i> , 2014, 29, 13-21.	1.3	19
575	Basic Ultrasound-guided Procedures. <i>Critical Care Clinics</i> , 2014, 30, 275-304.	1.0	28
576	A comparison of the supraclavicular and infraclavicular views for imaging the subclavian vein with ultrasound. <i>American Journal of Emergency Medicine</i> , 2014, 32, 905-908.	0.7	16
577	epic3: National Evidence-Based Guidelines for Preventing Healthcare-Associated Infections in NHS Hospitals in England. <i>Journal of Hospital Infection</i> , 2014, 86, S1-S70.	1.4	988
579	Adiponectin Levels in Hemodialysis Patients. <i>Therapeutic Apheresis and Dialysis</i> , 2014, 18, 214-215.	0.4	0
580	Use of Echocardiography to Identify Appropriate Placement of a Central Venous Catheter Wire in the Vena Cava Prior to Cannulation. <i>Academic Emergency Medicine</i> , 2014, 21, E1-E2.	0.8	2
581	An ultrasound training program's effect on central venous catheter locations and complications. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1290-1293.	0.7	1
583	Central Vascular Catheter Placement Evaluation Using Saline Flush and Bedside Echocardiography. <i>Academic Emergency Medicine</i> , 2014, 21, 65-72.	0.8	64
584	Ultrasound First, Second, and Last for Vascular Access. <i>Journal of Ultrasound in Medicine</i> , 2014, 33, 1135-1142.	0.8	46
585	Evaluation of a simplified augmented reality device for ultrasound-guided vascular access in a vascular phantom. <i>Journal of Clinical Anesthesia</i> , 2014, 26, 485-489.	0.7	23
586	Ultrasound-guided central venous catheter insertion: teaching and learning. <i>Intensive Care Medicine</i> , 2014, 40, 111-113.	3.9	15
587	Totally implantable vascular access devices 30 years after the first procedure. What has changed and what is still unsolved?. <i>Supportive Care in Cancer</i> , 2014, 22, 1705-1714.	1.0	50
588	Guidance and examination by ultrasound versus landmark and radiographic method for placement of subclavian central venous catheters: study protocol for a randomized controlled trial. <i>Trials</i> , 2014, 15, 175.	0.7	3
589	A randomised, controlled trial comparing the long-term effects of peripherally inserted central catheter placement in chemotherapy patients using B-mode ultrasound with modified Seldinger technique versus blind puncture. <i>European Journal of Oncology Nursing</i> , 2014, 18, 94-103.	0.9	54
590	Ultrasound Investigation of Leg Position to Enhance Femoral Vein Exposure for Cannulation. <i>Journal of Emergency Medicine</i> , 2014, 47, 176-181.	0.3	14
591	The FLUSH Study: "Flush the Line and Ultrasound the Heart: Ultrasonographic Confirmation of Central Femoral Venous Line Placement. <i>Annals of Emergency Medicine</i> , 2014, 63, 678-683.	0.3	26
592	Critical care ultrasound training: A survey of US fellowship directors. <i>Journal of Critical Care</i> , 2014, 29, 645-649.	1.0	66
593	IV. Why do we not toe the line drawn by the National Institute for Clinical Excellence for internal jugular vein cannulation?. <i>British Journal of Anaesthesia</i> , 2014, 113, 344-345.	1.5	1



#	ARTICLE	IF	CITATIONS
595	An Evaluation of Complications in Ultrasound-Guided Central Venous Catheter Insertion in the Emergency Department. Turkish Journal of Emergency Medicine, 2014, 14, 53-58.	0.3	6
596	Conservative Management of an Iatrogenic Arteriovenous Fistula. Nephron Extra, 2014, 4, 155-158.	1.1	3
597	Percutaneous Ultrasound-guided Central Venous Catheters: The Lateral In-plane Technique for Internal Jugular Vein Access. Journal of Vascular Access, 2014, 15, 56-60.	0.5	42
598	Central venous access. , 0, , 28-37.		0
600	Point-of-Care Clinical Ultrasound for Medical Students. Ultrasound International Open, 2015, 01, E58-E66.	0.3	32
601	Saturday 31 October 2015. Journal of Medical Imaging and Radiation Oncology, 2015, 59, 73-106.	0.9	2
602	Inâ€plane ultrasonic needle tracking using a fiberâ€optic hydrophone. Medical Physics, 2015, 42, 5983-5991.	1.6	44
603	Subcutaneous Port Malfunction: A Retrospective Comparison Between Internal Jugular and Subclavian Vein Access. , 2015, 20, 229-234.		1
604	Ultrasoundâ€guided catheterisation of the subclavian vein: freehand vs needleâ€guided technique. Anaesthesia, 2015, 70, 1242-1249.	1.8	20
605	Deep vein puncture under ultrasonographic guidance-an alternative approach for vascular access of apheresis therapies. Journal of Clinical Apheresis, 2015, 30, 380-381.	0.7	7
606	Critical Care Basic Ultrasound Learning Goals for American Anesthesiology Critical Care Trainees. Anesthesia and Analgesia, 2015, 120, 1041-1053.	1.1	94
607	A Randomized Crossover Study Comparing a Novel Needle Guidance Technology for Simulated Internal Jugular Vein Cannulation. Anesthesiology, 2015, 123, 535-541.	1.3	20
608	Ultrasound-Guided Subclavian Vein Catheterization. Critical Care Medicine, 2015, 43, 1498-1507.	0.4	122
609	Comparison of Needle Insertion and Guidewire Placement Techniques During Internal Jugular Vein Catheterization. Critical Care Medicine, 2015, 43, 2112-2116.	0.4	12
611	Internal jugular vein cannulation: How much safety can we offer?â€†. Colombian Journal of Anesthesiology, 2015, 43, 76-86.	0.5	0
612	Vascular Access and New Trends. , 2015, , .		1
613	Comparative Sonoanatomy of Classic â€œShort Axisâ€•Probe Position with a Novel â€œMedial-obliqueâ€•Probe Position for Ultrasound-guided Internal Jugular Vein Cannulation: A Crossover Study. Journal of Emergency Medicine, 2015, 48, 590-596.	0.3	18
614	An interventional multispectral photoacoustic imaging platform for the guidance of minimally invasive procedures. Proceedings of SPIE, 2015, , .	0.8	3



#	ARTICLE	IF	CITATIONS
615	Internal jugular vein cannulation: How much safety can we offer?. Colombian Journal of Anesthesiology, 2015, 43, 76-86.	0.5	2
617	Ultrasound guidance versus anatomical landmarks for subclavian or femoral vein catheterization. The Cochrane Library, 2018, 2018, CD011447.	1.5	130
618	Ultrasound guidance versus anatomical landmarks for internal jugular vein catheterization. The Cochrane Library, 2018, 2018, CD006962.	1.5	190
619	Superior thyroid artery pseudoaneurysm and arteriovenous fistula following attempted internal jugular venous access and its management. Indian Journal of Radiology and Imaging, 2015, 25, 15-17.	0.3	5
620	Tunnelled Central Venous Catheter-Related Problems in the Early Phase of Haematopoietic Stem Cell Transplantation and Effects on Transplant Outcome. Turkish Journal of Haematology, 2015, 32, 51-57.	0.2	8
621	A case report of abdominal compartment syndrome caused by malposition of a femoral venous catheter. International Journal of Surgery Case Reports, 2015, 12, 84-86.	0.2	9
622	Emergency medicine point-of-care ultrasonography: a national needs assessment of competencies for general and expert practice. Canadian Journal of Emergency Medicine, 2015, 17, 74-88.	0.5	19
623	Saline Flush Test. Journal of Ultrasound in Medicine, 2015, 34, 1295-1299.	0.8	34
624	Point-of-Care Ultrasonography by Pediatric Emergency Physicians. Annals of Emergency Medicine, 2015, 65, 472-478.	0.3	64
625	The bubble study: ultrasound confirmation of central venous catheter placement. American Journal of Emergency Medicine, 2015, 33, 315-319.	0.7	43
626	Needle loss in subclavian vein during central venous catheter placement: case report of a rare complication. Patient Safety in Surgery, 2015, 9, 9.	1.1	1
628	Is Long-Axis View Superior to Short-Axis View in Ultrasound-Guided Central Venous Catheterization?*. Critical Care Medicine, 2015, 43, 832-839.	0.4	92
629	Bedside ultrasound curriculum for medical students: Report of a blended learning curriculum implementation and validation. Journal of Clinical Ultrasound, 2015, 43, 139-144.	0.4	55
630	Point-of-Care Ultrasonography by Pediatric Emergency Medicine Physicians. Pediatrics, 2015, 135, e1097-e1104.	1.0	11
631	Point-of-Care Ultrasonography by Pediatric Emergency Medicine Physicians. Pediatrics, 2015, 135, e1113-e1122.	1.0	152
632	Ultrasonography-guided central venous port placement with subclavian vein access in pediatric oncology patients. Journal of Pediatric Surgery, 2015, 50, 1707-1710.	0.8	10
633	Ultrasound guidance versus direct palpation for radial artery catheterization by expert operators: a randomized trial among Canadian cardiac anesthesiologists. Canadian Journal of Anaesthesia, 2015, 62, 1161-1168.	0.7	36
634	Left Ventricle Tissue Doppler Imaging Predicts Disease Severity in Septic Patients Newly Admitted in an Emergency Unit. Journal of Emergency Medicine, 2015, 49, 907-915.	0.3	9

#	ARTICLE	IF	CITATIONS
635	Performance characteristics of an interventional multispectral photoacoustic imaging system for guiding minimally invasive procedures. <i>Journal of Biomedical Optics</i> , 2015, 20, 1.	1.4	50
636	Point-of-Care Ultrasound: Seeing the Future. <i>Current Problems in Diagnostic Radiology</i> , 2015, 44, 3-7.	0.6	12
637	Canalizaci3n venosa yugular interna: ¿qu3 tanta seguridad podemos llegar a ofrecer?. <i>Colombian Journal of Anesthesiology</i> , 2015, 43, 76-86.	0.5	3
638	Vein Visualization Using a Smart Phone With Multispectral Wiener Estimation for Point-of-Care Applications. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 773-778.	3.9	34
639	Essentials of Vascular Surgery for the General Surgeon. , 2015, , .		2
640	Comparison of an ultrasound-guided technique versus a landmark-guided technique for internal jugular vein cannulation. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 177-182.	0.7	21
641	Brachial insertion of fully implantable venous catheters for chemotherapy: complications and quality of life assessment in 35 patients. <i>Einstein (Sao Paulo, Brazil)</i> , 2016, 14, 473-479.	0.3	9
642	Development of Pocket-sized Hand-held Ultrasound Devices Enhancing People's Abilities and Need for Education on Them. <i>Journal of General and Family Medicine</i> , 2016, 17, 276-288.	0.3	6
643	Ultrasound-guided central vascular interventions, comments on the European Federation of Societies for Ultrasound in Medicine and Biology guidelines on interventional ultrasound. <i>Journal of Thoracic Disease</i> , 2016, 8, E851-E868.	0.6	32
644	Quality-of-Life Assessment: Arm TIVAD versus Chest TIVAD. <i>Journal of Vascular Access</i> , 2016, 17, 527-534.	0.5	12
645	Ultrasound-Guided Cannulation: Time to Bring Subclavian Central Lines Back. <i>Western Journal of Emergency Medicine</i> , 2016, 17, 216-221.	0.6	30
646	A rare cause of abdominal pain: Catheter in the middle hepatic vein. <i>Hemodialysis International</i> , 2016, 20, E18-20.	0.4	3
647	Ultrasound-guided Femoral Artery Access for Minimally Invasive Neuro-intervention and Risk Factors for Access Site Hematoma. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 745-752.	1.0	8
648	Coded excitation ultrasonic needle tracking: An <i>in vivo</i> study. <i>Medical Physics</i> , 2016, 43, 4065-4073.	1.6	21
649	A Randomized Controlled Comparison of the Internal Jugular Vein and the Subclavian Vein as Access Sites for Central Venous Catheterization in Pediatric Cardiac Surgery. <i>Pediatric Critical Care Medicine</i> , 2016, 17, e413-e419.	0.2	28
650	EFSUMB Guidelines on Interventional Ultrasound (INVUS), Part VI " Ultrasound-Guided Vascular Interventions. <i>Ultraschall in Der Medizin</i> , 2016, 37, 473-476.	0.8	54
651	Perceived Difficulty and Success Rate of Standard Versus Ultrasound-Guided Peripheral Intravenous Cannulation in a Novice Study Group. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 895-898.	0.8	26
653	Ultrasound-guided central venous catheter placement increases success rates in pediatric patients: a meta-analysis. <i>Pediatric Research</i> , 2016, 80, 178-184.	1.1	85

#	ARTICLE	IF	CITATIONS
654	The changing profile of safe techniques for the insertion of a central venous catheter in pediatric patients â€” improvement in the outcome with the experiences of 500 insertions in a single institution. <i>Journal of Pediatric Surgery</i> , 2016, 51, 2044-2047.	0.8	17
655	Perceived difficulty and success rate of landmark- vs ultrasonography-guided lumbar punctures in a novice study group: a randomized crossover trial. <i>American Journal of Emergency Medicine</i> , 2016, 34, 2037-2038.	0.7	1
656	Puncture point-traction method: A novel method applied for right internal jugular vein catheterization. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 307-311.	0.8	2
657	Evaluation of totally implantable central venous access devices with the cephalic vein cutâ€”down approach: Usefulness of preoperative ultrasonography. <i>Journal of Surgical Oncology</i> , 2016, 113, 114-119.	0.8	20
658	Teaching the internist to see: effectiveness of a 1-day workshop in bedside ultrasound for internal medicine residents. <i>The Ultrasound Journal</i> , 2016, 8, 11.	2.0	24
659	Ultrasound-guided arterial cannulation for paediatrics. <i>The Cochrane Library</i> , 2019, 2019, CD011364.	1.5	30
660	Ultrasoundâ€”Guided Peripheral Intravenous Catheter Training Results in Physicianâ€”Level Success for Emergency Department Technicians. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 2343-2352.	0.8	55
661	Use of ultrasound guidance for central venous catheterization: a national survey of intensivists and hospitalists. <i>Journal of Critical Care</i> , 2016, 36, 277-283.	1.0	53
662	Pediatric emergency medicine point-of-care ultrasound: summary of the evidence. <i>The Ultrasound Journal</i> , 2016, 8, 16.	2.0	142
663	Prevention of Vascular Catheter-Related Bloodstream Infections. <i>Infectious Disease Clinics of North America</i> , 2016, 30, 853-868.	1.9	18
664	Ultrasound Identification of the Guidewire in the Brachiocephalic Vein for the Prevention of Inadvertent Arterial Catheterization During Internal Jugular Central Venous Catheter Placement. <i>Anesthesia and Analgesia</i> , 2016, 123, 896-900.	1.1	20
665	Effects of the Trendelenburg Position and Positive End-Expiratory Pressure on the Internal Jugular Vein Cross-Sectional Area in Children With Simple Congenital Heart Defects. <i>Medicine (United States)</i> , 2016, 95, e3525.	0.4	7
666	Ultrasoundâ€”Guided Placement of Central Venous Port Systems via the Right Internal Jugular Vein: Are Chest Xâ€”Ray and/or Fluoroscopy Needed to Confirm the Correct Placement of the Device?. <i>World Journal of Surgery</i> , 2016, 40, 2353-2358.	0.8	19
667	Prospective evaluation of ultrasound-guided short catheter placement in internal jugular veins of difficult venous access patients. <i>American Journal of Emergency Medicine</i> , 2016, 34, 578-581.	0.7	9
669	Prospective study of catheter-related central vein thrombosis in home parenteral nutrition patients with benign disease using serial venous Doppler ultrasound. <i>Clinical Nutrition</i> , 2016, 35, 153-157.	2.3	21
670	Tools of the Trade: Point-of-Care Ultrasonography as a Stethoscope. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 068-087.	0.8	25
671	Ultrasound-guided procedures in medical education: a fresh look at cadavers. <i>Internal and Emergency Medicine</i> , 2016, 11, 431-436.	1.0	40
672	Bedside ultrasound procedures: musculoskeletal and non-musculoskeletal. <i>European Journal of Trauma and Emergency Surgery</i> , 2016, 42, 127-138.	0.8	23

#	ARTICLE	IF	CITATIONS
673	Unsuspected path: a central venous catheter insertion. ANZ Journal of Surgery, 2017, 87, E100-E101.	0.3	0
674	Deep Needle Procedures: Improving Safety With Ultrasound Visualization. Journal of Patient Safety, 2017, 13, 103-108.	0.7	20
675	Non-dominant hand quicker to insert peripheral venous catheters under echographic guidance: A randomised trial. Anaesthesia, Critical Care & Pain Medicine, 2017, 36, 291-296.	0.6	3
676	Ultrasound as a Screening Tool for Central Venous Catheter Positioning and Exclusion of Pneumothorax*. Critical Care Medicine, 2017, 45, 1192-1198.	0.4	37
677	Central venous catheters and biofilms: where do we stand in 2017?. Apmis, 2017, 125, 365-375.	0.9	112
678	Point-of-Care Ultrasound. Anesthesia and Analgesia, 2017, 124, 709-711.	1.1	11
679	Utility of Ultrasound Guidance for Central Venous Access in Children. Pediatric Emergency Care, 2017, 33, 359-362.	0.5	13
680	An unexpected image on a chest radiograph. Scottish Medical Journal, 2017, 62, 156-158.	0.7	1
681	Use of Two-Dimensional Ultrasonographically Guided Access to Reduce Access-Related Complications for Transcatheter Aortic Valve Replacement. Canadian Journal of Cardiology, 2017, 33, 918-924.	0.8	33
682	Diagnostic Accuracy of Central Venous Catheter Confirmation by Bedside Ultrasound Versus Chest Radiography in Critically Ill Patients: A Systematic Review and Meta-Analysis. Critical Care Medicine, 2017, 45, 715-724.	0.4	83
683	Complications after implantation of subcutaneous central venous ports (PowerPort®). Annals of Medicine and Surgery, 2017, 17, 1-6.	0.5	11
684	Guidelines for the use of platelet transfusions. British Journal of Haematology, 2017, 176, 365-394.	1.2	354
685	Vascular Access Complications. Emergency Medicine Clinics of North America, 2017, 35, 771-788.	0.5	2
686	Central line-associated bloodstream infections in Australian ICUs: evaluating modifiable and non-modifiable risks in Victorian healthcare facilities. Epidemiology and Infection, 2017, 145, 3047-3055.	1.0	12
687	Recognition and Management of Hemostatic Disorders in Critically Ill Patients Needing to Undergo an Invasive Procedure. Transfusion Medicine Reviews, 2017, 31, 223-229.	0.9	7
688	Is Bedside Ultrasonography Rapid and Accurate for Confirmation of Central Venous Catheter Position and Exclusion of Pneumothorax Compared With Chest Radiograph?. Annals of Emergency Medicine, 2017, 70, 585-587.	0.3	2
689	Ultrasound-guided central venous catheterization: A review of the relevant anatomy, technique, complications, and anatomical variations. Clinical Anatomy, 2017, 30, 237-250.	1.5	49
690	Ultrasound-guided vessel catheterization in adult Yorkshire cross-bred pigs. Veterinary Anaesthesia and Analgesia, 2017, 44, 133-137.	0.3	10

#	ARTICLE	IF	CITATIONS
691	ACR Appropriateness Criteria® Radiologic Management of Central Venous Access. Journal of the American College of Radiology, 2017, 14, S506-S529.	0.9	9
692	Ultrasound in Resuscitation. , 0, , 368-400.		0
693	Long-term clinical outcomes of the single-incision technique for implantation of implantable venous access ports via the axillary vein. Journal of Vascular Access, 2017, 18, 345-351.	0.5	10
694	Educational Effectiveness of an Easily Made New Simulator Model for Ultrasound-Guided Vascular Access and Foreign Body Management Procedures on Pediatric Patients. Pediatric Emergency Care, 2019, 35, 407-411.	0.5	5
695	Chronic Total Occlusion Crossing Approach Based on Plaques Morphology: The CTOP Classification. Journal of Endovascular Therapy, 2018, 25, 284-291.	0.8	56
696	Validation of the Peripheral Ultrasound-guided Vascular Access Rating Scale. Medicine (United States), 2018, 97, e04111.	0.4	10
697	The Brachiocephalic Vein as a Safe and Viable Alternative to Internal Jugular Vein for Central Venous Cannulation. Anesthesia and Analgesia, 2018, 127, 146-150.	1.1	19
698	Does the real-time ultrasound guidance provide safer venipuncture in implantable venous port implantation?. Journal of Vascular Access, 2018, 19, 297-302.	0.5	4
699	Safety and efficacy of the oblique-axis plane in ultrasound-guided internal jugular vein puncture: A meta-analysis. Journal of International Medical Research, 2018, 46, 2587-2594.	0.4	7
700	Teaching Point-of-Care Ultrasound (POCUS) to the Perioperative Physician. , 0, , 131-150.		1
701	Point-of-Care Cardiac Ultrasound in the Emergency Department. , 2018, , 285-301.		1
702	Bedside ultrasound diagnosis of a malpositioned central venous catheter. Medicine (United States), 2018, 97, e0501.	0.4	1
703	Point-of-Care Ultrasound in the Intensive Care Unit. Clinics in Chest Medicine, 2018, 39, 79-97.	0.8	35
704	Point-of-care ultrasound and undergraduate medical education: the perils of learning a new way to see. Medical Education, 2018, 52, 240-240.	1.1	2
705	Better With Ultrasound. Chest, 2018, 153, 12-13.	0.4	4
706	Meta-analysis of surgeon-performed central line placement: Real-time ultrasound versus landmark technique. Journal of Trauma and Acute Care Surgery, 2018, 84, 655-663.	1.1	10
707	Reduced variability and execution time to reach a target with a needle GPS system: Comparison between physicians, residents and nurse anaesthetists. Anaesthesia, Critical Care & Pain Medicine, 2018, 37, 55-60.	0.6	6
708	Assistive technology for ultrasound-guided central venous catheter placement. Journal of Medical Ultrasonics (2001), 2018, 45, 41-57.	0.6	4

#	ARTICLE	IF	CITATIONS
709	Ultrasound-guided versus conventional femoral venipuncture for catheter ablation of atrial fibrillation: a multicentre randomized efficacy and safety trial (ULTRA-FAST trial). <i>Europace</i> , 2018, 20, 1107-1114.	0.7	49
710	How Safe Is the Ultrasonographically Guided Peripheral Internal Jugular Line?. <i>Annals of Emergency Medicine</i> , 2018, 71, 132-137.	0.3	3
711	Impact of simulation-based learning on immediate outcomes of temporary haemodialysis catheter placements by nephrology fellows. <i>Nephrology</i> , 2018, 23, 933-939.	0.7	4
712	Malfunction of a central venous multilumen access catheter caused by kinking. <i>Medicine (United States)</i> , 2018, 97, 1073-1076.	0.4	3
713	Prospective, randomized clinical trial comparing use of intraoperative transesophageal echocardiography to standard care during radical cystectomy. <i>Annals of Cardiac Anaesthesia</i> , 2018, 21, 255.	0.3	4
714	Ultrasound for central vascular access. A safety concept that is renewed day by day. <i>Colombian Journal of Anesthesiology</i> , 2018, 46, 32-38.	0.5	3
715	Inadvertent Central Arterial Catheterization: An Unusual Cause of Ischemic Stroke. <i>Journal of Neurosciences in Rural Practice</i> , 2018, 09, 155-158.	0.3	6
717	Point of care ultrasound training for internal medicine: a Canadian multi-centre learner needs assessment study. <i>BMC Medical Education</i> , 2018, 18, 217.	1.0	25
718	Intravascular Catheter-Related Bloodstream Infections. <i>Infectious Disease Clinics of North America</i> , 2018, 32, 765-787.	1.9	63
719	Cardiac Emergencies in Children. , 2018, , .		0
721	Comparison between the long-axis/in-plane and short-axis/out-of-plane approaches for ultrasound-guided vascular catheterization: an updated meta-analysis and trial sequential analysis. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 331-340.	0.9	23
722	The use of augmented reality glasses in central line simulation: "see one, simulate many, do one competently, and teach everyone". <i>Advances in Medical Education and Practice</i> , 2018, Volume 9, 357-363.	0.7	43
723	Handheld Real-Time LED-Based Photoacoustic and Ultrasound Imaging System for Accurate Visualization of Clinical Metal Needles and Superficial Vasculature to Guide Minimally Invasive Procedures. <i>Sensors</i> , 2018, 18, 1394.	2.1	75
724	Clinical outcomes of totally implantable venous access port placement via the axillary vein in patients with head and neck malignancy. <i>Journal of Vascular Access</i> , 2019, 20, 134-139.	0.5	9
725	Comparing Combined Short-Axis and Long-Axis Ultrasound-Guided Central Venous Catheterization With Conventional Short-Axis Out-of-Plane Approaches. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 1029-1034.	0.6	15
726	Seeing with Sound: How Ultrasound Is Changing the Way We Look at Anatomy. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1138, 47-56.	0.8	11
727	Intravascular Catheter and Implantable Device Infections in Transplant Patients. , 2019, , 249-263.		0
728	Necessity of Image Guidance for Subclavian Catheterization to Improve Patient Safety. <i>Indian Journal of Pediatrics</i> , 2019, 86, 985-986.	0.3	0

#	ARTICLE	IF	CITATIONS
729	Vascular access practices for therapeutic apheresis: Results of a survey. <i>Journal of Clinical Apheresis</i> , 2019, 34, 571-578.	0.7	14
730	Unusual mechanical complications of central venous catheterization. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2019, 40, 287-291.	0.5	3
731	Complications in internal jugular vs subclavian ultrasound-guided central venous catheterization: a comparative randomized trial. <i>Intensive Care Medicine</i> , 2019, 45, 968-976.	3.9	46
732	Combined Approach Versus 2 Conventional Approaches in Ultrasound-Guided Central Venous Catheterization: A Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 2979-2984.	0.6	14
733	Current Practices in Central Venous Catheter Position Confirmation by Point of Care Ultrasound: A Survey of Early Adopters. <i>Shock</i> , 2019, 51, 613-618.	1.0	14
734	Cannulation of the Internal Mammary Vein With a Single-Lumen Infusion Catheter in a Patient With Portal Hypertension: A Case Report. <i>A&amp;A Practice</i> , 2019, 12, 122-124.	0.2	4
735	Cadaver Models in Residency Training for Uncommonly Encountered Ultrasound-Guided Procedures. <i>Journal of Medical Education and Curricular Development</i> , 2019, 6, 238212051988563.	0.7	7
736	Rapid Central Vein Assessment (RaCeVA): A systematic, standardized approach for ultrasound assessment before central venous catheterization. <i>Journal of Vascular Access</i> , 2019, 20, 239-249.	0.5	113
737	Trendelenburg position in the ED: many critically ill patients in the emergency department do not tolerate the Trendelenburg position. <i>European Journal of Emergency Medicine</i> , 2019, 26, 212-216.	0.5	1
738	Ultrasound Guidance for Central Venous Access: Current Evidence and Clinical Recommendations. <i>Journal of Intensive Care Medicine</i> , 2020, 35, 303-321.	1.3	26
739	Effect of positive end-expiratory pressure and positioning on jugular vein expansion in emergency department patients. <i>European Journal of Emergency Medicine</i> , 2020, 27, 110-113.	0.5	1
740	Micropuncture Access Set Use During Implantation of Totally Implantable Venous Access Device May Reduce Upper Extremity DVT Incidence Among Patients Undergoing Chemotherapy for Colorectal Cancer. <i>World Journal of Surgery</i> , 2020, 44, 1302-1308.	0.8	2
741	Ultrasound guided central line insertion in neonates: Pain score results from a prospective study. <i>Journal of Neonatal-Perinatal Medicine</i> , 2020, 13, 129-134.	0.4	5
742	9 central venous access <i>Venous Access.</i> , 2020, , .		0
745	Comparison of Ultrasound-Guided Vs Traditional Arterial Cannulation by Emergency Medicine Residents. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 353-358.	0.6	10
746	Hemothorax: A Review of the Literature. <i>Clinical Pulmonary Medicine</i> , 2020, 27, 1-12.	0.3	36
747	Detection of anatomical variation during left internal jugular vein cannulation under ultrasound. <i>Medicine (United States)</i> , 2020, 99, e21129.	0.4	1
748	How I Do It. <i>Chest</i> , 2020, 158, 2425-2430.	0.4	6



#	ARTICLE	IF	CITATIONS
749	Off-label use of Proglide percutaneous closure device in iatrogenic arterial catheterizations: Our experience. <i>Vascular</i> , 2020, 28, 756-759.	0.4	8
750	A prospective, randomized study comparing ultrasound versus fluoroscopic guided femoral arterial access in noncardiac vascular patients. <i>Journal of Vascular Surgery</i> , 2020, 72, 259-267.	0.6	18
751	Emergency and critical care providers'™ perception about the use of bedside ultrasound for confirmation of above-diaphragm central venous catheter placement. <i>Heliyon</i> , 2020, 6, e03113.	1.4	10
752	The 100 top-cited systematic reviews/meta-analyses in central venous catheter research: A PRISMA-compliant systematic literature review and bibliometric analysis. <i>Intensive and Critical Care Nursing</i> , 2020, 57, 102803.	1.4	20
753	Comparison between ultrasonography and X-ray as evaluation methods of central venous catheter positioning and their complications in pediatrics. <i>Pediatric Surgery International</i> , 2020, 36, 563-568.	0.6	3
754	A Novel Smart Assistance System for Blood Vessel Approaching: A Technical Report Based on Oximetry. <i>Sensors</i> , 2020, 20, 1891.	2.1	1
755	Comparison of external jugular veinâ€based surface landmark approach and ultrasoundâ€guided approach for internal jugular venous cannulation: A randomised crossover clinical trial. <i>International Journal of Clinical Practice</i> , 2021, 75, e13783.	0.8	3
756	Pointâ€ofâ€care Ultrasoundâ€guided Central Venous Catheter Confirmation in Ultrasound Nonexperts. <i>AEM Education and Training</i> , 2021, 5, e10530.	0.6	3
757	A systematic review of the cost-effectiveness of ultrasound in emergency care settings. <i>Ultrasound Journal</i> , 2021, 13, 16.	1.3	27
758	Subclavian Artery Injury Following Central Venous Catheter Placement. <i>Cureus</i> , 2021, 13, e14287.	0.2	2
759	Image-guided placement of totally implanted vascular access device: retrospective analysis of the clinical outcomes and associated risk factors. <i>BMJ Supportive and Palliative Care</i> , 2021, , bmjspcare-2021-002917.	0.8	2
760	Comparison of three different techniques for internal jugular vein cannulation under real time ultrasound guidance. <i>International Journal of Clinical Trials</i> , 2021, 8, 129.	0.0	0
761	Ultrasound-guided external jugular and femoral arterial cannulation for juvenile swine. <i>Laboratory Animals</i> , 2021, 55, 573-576.	0.5	0
762	A new method for facilitating ultrasound-guided in-plane cannulation of the subclavian vein: a randomized clinical trial. <i>Scientific Reports</i> , 2021, 11, 9605.	1.6	2
763	Vascular access, membranes and circuit for CRRT. <i>Seminars in Dialysis</i> , 2021, 34, 406-415.	0.7	6
764	To PICC or not to PICC? A cross-sectional survey of vascular access practices in the ICU. <i>Journal of Critical Care</i> , 2021, 63, 98-103.	1.0	10
765	Syringe-Free, Long-Axis in-Plane Versus Short-Axis Classic out-of-Plane Approach for Ultrasound-Guided Internal Jugular Vein Catheter Placement in Critically Ill Children: A Prospective Randomized Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2094-2099.	0.6	1
766	Ultrasound in central venous access for hemodialysis. <i>Journal of Vascular Access</i> , 2021, 22, 97-105.	0.5	5



#	ARTICLE	IF	CITATIONS
767	Ultrasound guidance for urgent arterial and venous catheterisation: randomised controlled study. <i>British Journal of Anaesthesia</i> , 2021, 127, 871-878.	1.5	7
768	Evolution of Point-Of-Care Ultrasound in Surgical Management. <i>Advances in Surgery</i> , 2021, 55, 273-297.	0.6	0
769	Changes in Central Venous Catheter Use in the Hematology Unit with the Introduction of Ultrasound Guidance and a Peripherally Inserted Central Venous Catheter. <i>Internal Medicine</i> , 2021, 60, 2765-2770.	0.3	2
770	Continued Validation of Ultrasound Guidance Targeting Tasks: Relationship with Procedure Performance. <i>Academic Radiology</i> , 2021, 28, 1433-1442.	1.3	1
771	Adverse hemodynamic response due to malposition of central venous catheter. <i>Journal of Marine Medical Society</i> , 2021, .	0.0	0
772	Ultrasound-Guided Peripheral Intravenous Catheters. , 2021, , 55-73.		0
773	Standard Monitoring Techniques in the Pediatric Cardiac Intensive Care Unit. , 2014, , 821-834.		1
774	Central Venous Catheters: Care and Complications. <i>Pediatric Oncology</i> , 2015, , 283-300.	0.5	2
775	Cardiovascular Monitoring. , 2010, , 1267-1328.		10
778	The jury on femoral vein catheterization is still out. <i>Critical Care Medicine</i> , 1997, 25, 1943-1946.	0.4	20
779	Aortic Injury Resulting from Attempted Subclavian Central Venous Catheter Placement. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 47, 403-405.	1.1	7
780	Technical aspects of central venous catheterization. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 1998, 1, 297-304.	1.3	9
781	Can Simulation Help to Answer the Demand for Echocardiography Education?. <i>Anesthesiology</i> , 2014, 120, 32-41.	1.3	29
784	A delayed diagnosis of a retained guidewire during central venous catheterisation: a case report and review of the literature. <i>BMJ Case Reports</i> , 2012, 2012, bcr2012007064-bcr2012007064.	0.2	16
785	Problems with temporary cardiac pacing. <i>BMJ: British Medical Journal</i> , 2002, 324, 112-112.	2.4	1
786	The effects of the Trendelenburg position and the Valsalva manoeuvre on internal jugular vein diameter and placement in children. <i>Singapore Medical Journal</i> , 2015, 56, 468-471.	0.3	10
787	A novel ultrasound-guided approach to the axillary vein: Oblique-axis view combined with in-plane puncture. <i>Journal of Vascular Access</i> , 2019, 20, 763-768.	0.5	21
788	Hospital Medicine Point of Care Ultrasound Credentialing: An Example Protocol. <i>Journal of Hospital Medicine</i> , 2017, 12, 767-772.	0.7	20

#	ARTICLE	IF	CITATIONS
789	Recommendations on the Use of Ultrasound Guidance for Central and Peripheral Vascular Access in Adults: A Position Statement of the Society of Hospital Medicine. <i>Journal of Hospital Medicine</i> , 2019, 14, E1-E22.	0.7	129
790	Ultrasound-guided insertion of subclavian venous access ports. <i>Annals of the Royal College of Surgeons of England</i> , 2005, 87, 25-27.	0.3	29
791	Combined short- and long-axis ultrasound-guided central venous catheterization is superior to conventional techniques: A cross-over randomized controlled manikin trial. <i>PLoS ONE</i> , 2017, 12, e0189258.	1.1	13
792	Clinical Feasibility of Ultrasound Guided Placement of Peripherally Inserted Central Catheters by Intensivist: Preliminary Report. <i>Journal of Acute Care Surgery</i> , 2014, 4, 13-17.	0.1	5
793	HASTANEMÄ°ZDE Ä°NTRAVENÄ–Z YOLLA YERLEÄžTÄ°RÄ°LEN Ä°MPLANTE EDÄ°LEBÄ°LÄ°R VENÄ–Z ERÄ°ÄžÄ°M PORTU UYGÜLAMALAR SONUÄ†LARI. <i>Kocatepe TÄ±p Dergisi</i> , 2020, 21, 345-352.	0.0	1
794	Safe and Reliable Method for Central Venous Catheterization-Knacks and Pitfalls-. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 2009, 29, 43-48.	0.0	1
795	A Systematic Needs Assessment for Point of Care Ultrasound in Internal Medicine Residency Training Programs. <i>Canadian Journal of General Internal Medicine</i> , 2017, 12, .	0.6	4
796	Ultrasound Guidance for Vascular Access Procedures by Qualified Vascular Access Specialists or Other Applicable Healthcare Clinicians. , 2019, 24, 18-22.		5
797	Ultrasound based innovations for interventional procedures: the paradigmatic case of central venous access. <i>Minerva Anestesiologica</i> , 2020, 86, 121-123.	0.6	6
798	Complications of central venous catheters insertion and exploitation. <i>Pediatric Hematology/Oncology and Immunopathology</i> , 2019, 18, 127-139.	0.1	1
799	Ultrasound guided versus land mark technique for internal jugular central venous catheterization in cardiac surgical patients- a randomized trial. <i>Journal of Society of Anesthesiologists of Nepal</i> , 2016, 3, 18-21.	0.0	2
800	Ultrasound Versus the Landmark Technique: A Prospective Randomized Comparative Study of Internal Jugular Vein Cannulation in an Intensive Care Unit. <i>Journal of the Nepal Medical Association</i> , 2011, 51, .	0.1	5
801	Usefulness of ultrasound in vascular access management of hemodialysis patients. <i>Choonpa Igaku</i> , 2008, 35, 641-661.	0.0	5
802	Access technique and its problems in parenteral nutrition - Guidelines on Parenteral Nutrition, Chapter 9. <i>GMS German Medical Science</i> , 2009, 7, Doc19.	2.7	9
803	The effectiveness and cost-effectiveness of ultrasound locating devices for central venous access: a systematic review and economic evaluation. <i>Health Technology Assessment</i> , 2003, 7, 1-84.	1.3	87
804	Importance of ultrasound examination in diagnosing acute conditions. <i>Vnitřni Lekarstvi</i> , 2019, 65, 177-186.	0.1	4
805	Central venous catheterization in cancer patients with severe thrombocytopenia: Ultrasoundâ€™guide improves safety avoiding prophylactic platelet transfusion. <i>Molecular and Clinical Oncology</i> , 2020, 12, 435-439.	0.4	4
806	Pneumothorax as a complication of central venous catheter insertion. <i>Annals of Translational Medicine</i> , 2015, 3, 40.	0.7	26

#	ARTICLE	IF	CITATIONS
807	Vascular access puncture method with guidance by a portable ultrasonographic device. Nihon Toseki Igakkai Zasshi, 2007, 40, 517-521.	0.2	5
808	Hemothorax due to injuries of subclavian artery and first intercostal artery after subclavian venous catheterization in a pediatric patient - A case report - Korean Journal of Anesthesiology, 2009, 56, 587.	0.9	3
809	The effect of electromagnetic guidance system on early learning curve of ultrasound for novices. Korean Journal of Anesthesiology, 2016, 69, 15.	0.9	10
810	Central venous catheter malposition due to dialysis catheter: a case report. Korean Journal of Anesthesiology, 2016, 69, 532.	0.9	3
811	Bilateral pleural effusions following central venous cannulation. Journal of Postgraduate Medicine, 2007, 53, 117-118.	0.2	6
812	Fatal airway obstruction following arterial trauma during internal jugular venous cannulation. Indian Journal of Critical Care Medicine, 2010, 14, 202-204.	0.3	3
813	Ultrasound-guided internal jugular vein access: Comparison between short axis and long axis techniques. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2013, 24, 707.	0.4	42
814	Central line complications. International Journal of Critical Illness and Injury Science, 2015, 5, 170.	0.2	212
815	Unusual right internal jugular vein catheter malposition into the right axillary vein: A rare case report. Advanced Biomedical Research, 2012, 1, 16.	0.2	4
816	Standard versus ultrasound-guided radial and femoral access in coronary angiography and intervention (SURF): a randomised controlled trial. EuroIntervention, 2019, 15, e522-e530.	1.4	40
817	Update on point of care ultrasound in the care of the critically ill patient. World Journal of Critical Care Medicine, 2012, 1, 102.	0.8	3
818	Focus on peripherally inserted central catheters in critically ill patients. World Journal of Critical Care Medicine, 2014, 3, 80.	0.8	95
819	Internal Jugular Vein Catheterization: The Landmark Technique versus Ultrasonography Guidance in Cardiac Surgery. Cureus, 2019, 11, e4026.	0.2	6
820	The Management of Serious Adverse Events Associated with Interventional Procedures. , 2022, , 237-281.		0
821	Intensive Care for Trauma Patients: The First 24 Hours. , 2000, , 427-437.		0
822	Towards Safer Central Venous Access. , 2002, , 417-426.		1
823	Jugular versus subclavian central venous catheter insertion: Search for the better approach. Critical Care Medicine, 2002, 30, 486-487.	0.4	2
824	7.1 Clinical presentations of cardiogenic shock. , 2002, , 187-188.		0

#	ARTICLE	IF	CITATIONS
825	Update in Hospital Medicine. <i>Annals of Internal Medicine</i> , 2002, 137, 814.	2.0	1
827	An Ultrasonographic Anatomic Study of the Internal Jugular Vein in Koreans. <i>Daehan Macwi'gwa Haghoeji</i> , 2004, 47, 499.	0.2	3
828	Ultrasound Guidance for Placement of Central Venous Catheters Via Subclavian Vein. <i>Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Surgeons)</i> , 2004, 29, 848-853.	0.0	0
829	Central Venous Access for Chemotherapy. <i>Medical Radiology</i> , 2004, , 133-153.	0.0	0
830	Venous Ultrasonography in Medical Intensive Care. , 2005, , 584-591.		1
831	Parenteral Nutrition Access for the Critically Ill. , 2005, , 219-234.		0
832	Ultrasonography. , 2006, , 199-206.		0
833	Perioperative Monitoring. , 2006, , 479-506.		1
834	Ã‰chographie et accÃ©s veineux en rÃ©animation. , 2007, , 509-520.		0
835	MISPLACEMENTS OF CENTRAL VENOUS CATHETERS: INTERNAL JUGULAR VERSUS SUBCLAVIAN ACCESS IN CRITICAL CARE PATIENTS. <i>Electronic Journal of General Medicine</i> , 2007, 4, .	0.3	0
837	CathÃ©ters d'Ã©puration extrarÃ©nale. , 2008, , 5-14.		0
838	Central venous catheterization: controversy about femoral venous approach. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2008, 15, 11-13.	0.0	0
839	Uso do ultra-som para punÃ§Ã£o venosa central em paciente obeso com adenomegalia cervical. <i>Revista Brasileira De Anestesiologia</i> , 2008, 58, 403-8.	0.6	3
840	Title is missing!. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2009, 16, 163-167.	0.0	0
842	Supraclavicular Subclavian Vein Catheterization in Morbidly Obese. <i>Sri Lankan Journal of Anaesthesiology</i> , 2009, 17, 65.	0.2	2
843	Ultrasound-Guided Vascular Access Procedures. , 2010, , 81-111.		0
844	Prevention of Central Venous Catheter-related Infection in the Intensive Care Unit. <i>Yearbook of Intensive Care and Emergency Medicine</i> , 2010, , 223-234.	0.1	1
848	Prevention of Central Venous Catheter-related Infection in the Intensive Care Unit. , 2010, , 223-234.		0

#	ARTICLE	IF	CITATIONS
850	Intravascular Device-Related Infections: Catheter Salvage Strategies and Prevention of Device-Related Infection. , 2011, , 123-141.		0
852	Long-term Outcome of Implantable Central Venous Access System via Subclavian Vein under Real-time Ultrasonographic Guidance in the Chest of Patients with Colorectal Cancer. Nihon Daicho Komonbyo Gakkai Zasshi, 2011, 64, 57-61.	0.1	0
853	Abords veineux. , 2011, , 873-881.		0
854	Vascular access and ultrasound guidance techniques. , 2011, , 348-362.		0
857	Principe de l'examen des veines profondes chez le patient critique. , 2011, , 87-95.		0
858	Monitoring of the Heart and Vascular System. , 2011, , 416-451.		3
859	Ultrasound-guided Central Venous Catheterization for Home Parenteral Nutrition and Hydration in Advanced Incurable Cancer Patients: Results of A Prospective Observational Study. World Journal of Oncology, 2011, 2, 238-244.	0.6	2
860	Safety of a training program for ultrasound-guided internal jugular vein catheterization in critically ill patients. Revista Da Associação Médica Brasileira, 2011, 57, 387-390.	0.3	0
862	A Clinical Outcome of Implantable Subcutaneous Infusion Port. Nihon Gekakei Rengo Gakkaishi (Journal of Japanese College of Surgeons), 2012, 37, 891-895.	0.0	1
863	Can Ultrasound-guided Central Vein Catheterization be Considered Evidence-based?. The Journal of Japan Society for Clinical Anesthesia, 2012, 32, 890-896.	0.0	2
864	Ultraschalldiagnostik. , 2012, , 438-465.		0
865	Port catheter implantation under scopy in hybrid operation rooms. Turkish Journal of Thoracic and Cardiovascular Surgery, 2012, , 275-280.	0.2	1
866	Horner's Syndrome Following Central Venous Catheterisation. International Journal of Perioperative Ultrasound and Applied Technologies, 2012, 1, 107-108.	0.0	0
867	Teaching Ultrasound Imaging for Central Line Placement—A Resident's Perspective. Open Journal of Anesthesiology, 2013, 03, 263-271.	0.1	1
868	Ultrasound-guided internal jugular access: Systematic review and economic evaluation of cost-effectiveness. OA Evidence-Based Medicine, 2013, 1, .	0.1	0
870	Intraoperative Transesophageal Echocardiography in Robotic Cardiac Surgery. , 2014, , 33-48.		0
871	The Management of Serious Adverse Events Associated with Interventional Procedures. , 2014, , 237-279.		0
872	Thrombosis, Central Venous Lines, and Parenteral Nutrition in Pediatric Intensive Care. , 2014, , 1-13.		0

#	ARTICLE	IF	CITATIONS
873	Central Venous Access. , 2015, , 237-254.		0
875	An interventional multispectral photoacoustic imaging platform for the guidance of minimally invasive procedures. , 2015, , .		0
876	Thrombosis, Central Venous Lines and Parenteral Nutrition in Pediatric Intensive Care. , 2015, , 2089-2099.		0
877	Vascular Access in the Critically Ill Patient. , 2015, , 203-218.		0
878	Urgent Endovascular Stent Graft Placement for Iatrogenic Subclavian Artery Rupture. Journal of Trauma and Injury, 2015, 28, 83-86.	0.2	0
879	Long-axis view for ultrasound-guided central venous catheter placement via the internal jugular vein. Romanian Journal of Anaesthesia and Intensive Care, 2016, 23, 27-31.	0.3	7
880	A STUDY ON ULTRASOUND ASSISTED CANNULATION OF THE INTERNAL JUGULAR VEIN IN COMPARISON TO THE HIGH APPROACH EXTERNAL LANDMARK GUIDED TECHNIQUE. Journal of Evolution of Medical and Dental Sciences, 2016, 5, 2964-2967.	0.1	0
881	Ultraschalldiagnostik in der AnÄsthesiologie. , 2017, , 1-35.		0
882	Ultrasound-Guided Infraclavicular Axillary Vein Cannulation. International Journal of Clinical Medicine, 2017, 08, 227-235.	0.1	1
883	Impacts of eLearning on the Cognitive Learning of Senior Nursing Students Concerning Central Venous Catheter. Interdisciplinary Journal of Virtual Learning in Medical Sciences, 2017, 8, .	0.2	1
884	Institutional Point of Care Ultrasound. , 2018, , 37-43.		0
885	Central Line Management and Intestinal Failure. , 2018, , 1-27.		1
886	Developing an Undergraduate Ultrasound Curriculum: A Needs Assessment. Cureus, 2017, 9, e1720.	0.2	12
887	Ultraschalldiagnostik in der AnÄsthesiologie. , 2018, , 1-32.		0
888	Central Line Placement. , 2018, , 649-657.		0
889	Assessment of central venous catheterization and complications in a tertiary pediatric intensive care unit. Turkish Journal of Pediatrics, 2018, 60, 63.	0.3	3
890	WHAT IS THE MOST APPROPRIATE METHOD FOR COMMON FEMORAL ARTERY CANNULATION IN PATIENTS AGED ABOVE 75 YEARS WHICH IS THE MOST APPROPRIATE METHOD. International Journal of Research -GRANTHAALAYAH, 2018, 6, 431-438.	0.1	0
891	Central Line Management and Intestinal Failure. Organ and Tissue Transplantation, 2019, , 237-262.	0.0	0

#	ARTICLE	IF	CITATIONS
892	Lateral oblique approach for internal jugular vein catheterization: Randomized comparison of oblique and short axis view of ultrasound-guided technique.. İstanbul Kuzey Klinikleri, 2019, 7, 11-17.	0.1	2
893	Ultrasound-guided catheterization of axillary vein of a small size. Article. Alexander Saltanov Intensive Care Herald, 2019, , 84-89.	0.2	0
894	Ultraschalldiagnostik in der Anästhesiologie. Springer Reference Medizin, 2019, , 559-589.	0.0	0
895	CoRa-MaPiCC Study: the Corelli-Raimondi-Marchitto-Piovanello project for stratification of procedural risk in patients undergoing PICC implantation. Chirurgia (Turin), 2019, 32, .	0.0	0
896	Malposition of hemodialysis catheter into the hepatic veins. Pakistan Journal of Medical Sciences, 2019, 35, 583-585.	0.3	1
897	Simulating Ultrasound Tissue Deformation Using Inverse Mapping. Journal of Computational and Nonlinear Dynamics, 2019, 14, 101004-1010048.	0.7	0
898	The Effectiveness of Real-Time Ultrasound-Guided Central Venous Catheterization: A Comparison with the Landmark Technique in Jordanian Patients. Research Journal of Medical Sciences, 2020, 13, 109-114.	0.2	0
899	Teaching Point-of-Care Ultrasound in Medicine. Canadian Journal of General Internal Medicine, 2020, 15, 13-29.	0.6	7
900	Complications of a central venous multilumen access catheter: a report of two cases. Trauma Image and Procedure, 2020, 5, 30-32.	0.1	0
901	Arterial Placement of Central Venous Catheters. Canadian Journal of General Internal Medicine, 2020, 15, 45-48.	0.6	3
902	Central venous catheter insertion in adult patients: a best practice implementation project. JBI Evidence Implementation, 2021, 19, 296-305.	1.4	3
903	Incidence of posterior vessel wall puncture during ultrasound guided vascular access: Short axis versus long axis approach. Journal of Anaesthesiology Clinical Pharmacology, 2021, 37, 342.	0.2	5
904	Standard Monitoring Techniques in the Cardiac Intensive Care Unit. , 2020, , 1-14.		0
905	Comparative evaluation of success of ultrasound-guided internal jugular vein cannulation using needle with guard: A randomized, controlled study. Journal of Anaesthesiology Clinical Pharmacology, 2020, 36, 57.	0.2	2
906	Ultrasound for Shock Evaluation, Resuscitation, and Critical Care Procedures. , 2020, , 637-686.		0
907	A study of microbiological profile and its antimicrobial susceptibility patterns related to central line-associated bloodstream infections in respiratory intensive care unit in a tertiary care hospital. The Journal of Clinical and Scientific Research, 2020, 9, 25.	0.1	2
908	Peripherally Inserted Central Catheters and Nontunneled Central Venous Catheters. , 2020, , 669-676.e2.		0
909	System for Central Venous Catheterization Training Using Computer Vision-Based Workflow Feedback. IEEE Transactions on Biomedical Engineering, 2022, 69, 1630-1638.	2.5	4

#	ARTICLE	IF	CITATIONS
911	Basisversorgung des Patienten. , 2008, , 109-125.		0
912	Upper Extremity Central Veins. , 2005, , 70-81.		0
913	Horner Syndrome: An Unknown Entity After Tunneled Central Venous Catheter Insertion. Journal of Pediatric Hematology/Oncology, 2021, 43, 37-38.	0.3	0
914	Echocardiographic guidance for diagnostic and therapeutic percutaneous procedures. Cardiovascular Diagnosis and Therapy, 2011, 1, 11-36.	0.7	17
915	Problems with temporary cardiac pacing. Ultrasonography can aid central venous cannulation. BMJ: British Medical Journal, 2002, 324, 112.	2.4	0
916	Supraclavicular subclavian vein catheterization: the forgotten central line. Western Journal of Emergency Medicine, 2009, 10, 110-4.	0.6	30
918	Ultrasound-guided internal jugular vein catheterization: a randomized controlled trial. Heart, Lung and Vessels, 2014, 6, 13-23.	0.4	12
919	Incidence of posterior wall penetration during internal jugular vein cannulation: A comparison of two techniques using real-time ultrasound. Indian Journal of Anaesthesia, 2017, 61, 240-244.	0.3	9
920	Comparison of Ultrasound Guidance and Conventional Method for Common Femoral Artery Cannulation: A Prospective Study of 939 Patients. Acta Cardiologica Sinica, 2018, 34, 394-398.	0.1	16
921	Effect of variability of central venous pressure values to prevent atrial fibrillation after coronary bypass grafting. Caspian Journal of Internal Medicine, 2021, 12, 299-306.	0.1	0
922	Pediatric hemodialysis access. Seminars in Pediatric Surgery, 2021, 30, 151121.	0.5	5
923	No Local Findings after Subclavian Catheter Removal. Is Everything Alright? Case Report. , 2021, 49, 420-423.		0
924	The State of Point-of-Care Ultrasound Training in Undergraduate Medical Education: Findings From a National Survey. Academic Medicine, 2022, 97, 723-727.	0.8	35
925	Point-of-care ultrasound in cardiorespiratory arrest (POCUS-CA): narrative review article. Ultrasound Journal, 2021, 13, 46.	1.3	22
926	USE OF ULTRASOUND DURING CATHETERIZATION OF CENTRAL VEINS (experience of anesthesiological) Tj ETQq0 0 0 rgBT /Overlock 10 Anesthesia and Intensive Care, 2021, , 27-31.	0.1	0
927	Vascular access in therapeutic apheresis: One size does not fit all. Therapeutic Apheresis and Dialysis, 2022, 26, 694-716.	0.4	3
928	Evaluation of the ideal length of the Seldinger needle for internal jugular vein catheter placement. Scientific Reports, 2022, 12, 2745.	1.6	1
929	A Rare Complication of Central Venous Catheterization Interventions: Subdural Effusion. Indian Journal of Critical Care Medicine, 2022, 26, 384-386.	0.3	1



#	ARTICLE	IF	CITATIONS
930	A delayed complication of a port-a-cath insertion via subclavian venous access: Case report of a "œpinch-off syndrome" International Journal of Surgery Case Reports, 2022, 94, 107039.	0.2	2
931	Central venous catheter-related complications in hematologic patients: An observational study. Acta Anaesthesiologica Scandinavica, 2022, 66, 473-482.	0.7	3
932	Inadvertent Insertion of Hemodialysis Catheter into Brachiocephalic Trunk During Cannulation of Internal Jugular Vein: Management Strategies. Journal of Cardiac Critical Care TSS, 2021, 05, 246-248.	0.0	0
934	Preventing Central Venous Catheter Related Complications. , 0, , 126-139.		0
937	Incidence of posterior wall penetration during internal jugular vein cannulation: A comparison of two techniques using real-time ultrasound. Indian Journal of Anaesthesia, 2017, 61, 240.	0.3	25
940	Ultrasound-Guided Right Internal Jugular Vein Cannulation by Operators of Different Experience: A Randomized, Pilot Study. Cureus, 2022, , .	0.2	1
941	Application of plan-do-check-act management to improve first-attempt insertion success rates of internal jugular vein catheterization for standardized training residents in an intensive care unit. BMC Medical Education, 2022, 22, .	1.0	0
943	Lung Sonography in Critical Care Medicine. Diagnostics, 2022, 12, 1405.	1.3	7
944	Clinical Practices in Central Venous Catheter Mechanical Adverse Events. Journal of Intensive Care Medicine, 2022, 37, 1215-1222.	1.3	3
945	Complications of Totally Implantable Central Venous Catheters (Ports) Inserted via the Internal Jugular Vein Under Ultrasound and Fluoroscopy Guidance in Adult Oncology Patients: A Single-Center Experience. Cureus, 2022, , .	0.2	1
946	The role of routine chest radiography after implantable venous access port catheter insertion under the guide of ultrasonography and fluoroscopy. Cost Effectiveness and Resource Allocation, 2022, 20, .	0.6	1
947	A comparison of two techniques of internal jugular vein cannulation: Landmark-guided technique versus ultrasound-guided technique. Journal of Marine Medical Society, 2022, .	0.0	0
948	Comparative evaluation of ultrasound guided supraclavicular and infraclavicular subclavian venous catheterizations in adult patients. Journal of Anaesthesiology Clinical Pharmacology, 2022, 38, 411.	0.2	5
949	COMPARISON OF ULTRASOUND GUIDED OUT OF PLANE SHORT AXIS METHOD / IN PLANE LONG AXIS METHOD FOR RIGHT INTERNAL JUGULAR VENOUS CANNULATION IN TERTIARY CARE HOSPITAL.. , 2022, , 46-47.		0
951	Improved Results Using Ultrasound Guidance for Central Venous Access. American Surgeon, 2003, 69, 1104-1107.	0.4	52
952	ULtrasound-guided TRAnsfermoral puncture in COMplex Large bORe PCI: study protocol of the UltraCOLOR trial. BMJ Open, 2022, 12, e065693.	0.8	1
953	Bleeding Complications in Uremic Patients After Ultrasound-Guided Central Venous Catheter Placement. Open Access Emergency Medicine, 0, Volume 15, 21-28.	0.6	0
954	Central venous access in children: Placement trends over the last decade. Clinical Imaging, 2023, 97, 84-88.	0.8	0

#	ARTICLE	IF	CITATIONS
955	Impact of insertion site on complications in central venous access devices. Pediatric Surgery International, 2023, 39, .	0.6	1
956	Ultrasound-guided arterial cannulation in the paediatric population. The Cochrane Library, 2023, 2023, .	1.5	2
957	Current Use, Training, and Barriers of Point-of-Care Ultrasound in Anesthesiology: A National Survey of Veterans Affairs Hospitals. Journal of Cardiothoracic and Vascular Anesthesia, 2023, 37, 1390-1396.	0.6	1
958	Catheter-related bloodstream infections. , 2023, , 569-575.		0
962	Arterial Revascularization. , 2023, , 77-249.		0