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## Complement and the damaging effects of cardiopulmonary bypass

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#	Paper	IF	Citations
1484	Cardiac prostacyclin kinetics during cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1984</b> , 88, 965-971	1.5	10
1483	Surgical treatment of tricuspid atresia. <i>Annals of Thoracic Surgery</i> , <b>1984</b> , 38, 447-57	2.7	29
1482	Early and intermediate-term (10-year) results of surgery for univentricular atrioventricular connection ("single ventricle"). <b>1984</b> , 54, 811-21		69
1481	Uniform Safety of Beating Heart Surgery Using the Octopus Tissue Stabilization System. <b>1985</b> , 2, 323-329		
1480	Cell triggering by activated complement components. <b>1985</b> , 11, 261-76		14
1479	Studies of Complement Activation in ARDS Patients Treated by Long-Term Extracorporeal CO2 Removal. <b>1985</b> , 8, 135-140		6
1478	The Sangreal. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1985</b> , 90, 1-6	1.5	13
1477	Deleterious effects of cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1985</b> , 89, 888-899	1.5	185
1476	The risk of surgical treatment of tetralogy of Fallot: an appraisal. <b>1985</b> , 9, 7-26		4
1475	Superoxide generation during cardiopulmonary bypass: is there a role for vitamin E?. <b>1986</b> , 40, 519-27		80
1474	[Pharmacokinetic changes induced by extracorporeal circulation]. <b>1986</b> , 5, 295-305		0
1473	Effects of protamine administration after cardiopulmonary bypass on complement, blood elements, and the hemodynamic state. <i>Annals of Thoracic Surgery</i> , <b>1986</b> , 41, 193-9	2.7	215
1472	Ventricular hypertrophy, age, and date of operation as risk factors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1986</b> , 92, 1049-1064	1.5	234
1471	Increased production of peroxidation products associated with cardiac operations. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1986</b> , 91, 759-766	1.5	157
1470	Complement activation during cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1986</b> , 91, 252-258	1.5	156
1469	Complement activation in extracorporeal circulation: physiological and pathological implications. <b>1986</b> , 5, 352-70		30
1468	Mechanisms of membrane damage and surfactant depletion in acute lung injury. <b>1986</b> , 12, 2-5		26

1467	Eicosanoids (prostaglandins) and the cardiovascular system. <b>1986</b> , 1, 357-78		5
1466	Complement in the pathophysiology and diagnosis of human diseases. <b>1986</b> , 24, 123-83		56
1465	Complement consumption during cardiopulmonary bypass: bubble versus membrane oxygenators. <b>1986</b> , 1, 261-269		5
1464	Neutrophil function and cardiopulmonary bypass in humans. The effects of glucose and non-glucose containing bypass pump priming fluids. <b>1986</b> , 1, 103-116		3
1463	Complement activation by different cardiopulmonary bypass priming solutions. <b>1986</b> , 1, 255-260		7
1462	In vitro generation of C3a anaphylatoxin by an extracorporeal circuit. <b>1987</b> , 2, 219-222		
1461	Review article : Blood compatibility of cardiopulmonary bypass circuits. <b>1987</b> , 2, 237-244		21
1460	Lymphocyte function and abdominal operations. Trauma vs elective surgery. <b>1987</b> , 122, 697-701		5
1459	Mechanical heart valves: methods of examination, complications, and modes of failure. <b>1987</b> , 18, 577-85		12
1458	[Complement activation in extracorporeal circulation. Comparison of nylon versus polyester bubble oxygenators]. <b>1987</b> , 6, 343-6		0
1457	Dipyridamole reduced myocardial platelet and leukocyte deposition following ischemia and cardioplegia. <b>1987</b> , 42, 642-52		13
1456	Effects of aprotinin on hemostatic mechanisms during cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , <b>1987</b> , 44, 640-5	2.7	316
1455	Major sternal wound infection after open-heart surgery: a multivariate analysis of risk factors in 2,579 consecutive operative procedures. <i>Annals of Thoracic Surgery</i> , <b>1987</b> , 44, 173-9	2.7	312
1454	Prostaglandins and the cardiovascular system: a review and update. <b>1987</b> , 1, 331-49		4
1453	Anaphylatoxin formation in plasma and burn bullae fluid in the thermally injured patient. <b>1987</b> , 13, 185-9		9
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1451	Age-related differences in the response to myocardial ischemic stress. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1987</b> , 94, 526-534	1.5	30
1450	Microvascular permeability after cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1987</b> , 94, 225-233	1.5	62

1449	Influence of operations with cardiopulmonary bypass on polymorphonuclear leukocyte function in infants. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1987</b> , 93, 253-260	1.5	24
1448	Cardiac release of prostacyclin and thromboxane A2 during coronary revascularization. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1987</b> , 93, 120-126	1.5	42
1447	Endotoxemia associated with cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1987</b> , 93, 832-837	1.5	150
1446	Blood substitution and complement activation. <b>1987</b> , 31, 559-66		10
1445	Complement activation in cardiopulmonary bypass, with special reference to anaphylatoxin production in membrane and bubble oxygenators. <i>Annals of Thoracic Surgery</i> , <b>1988</b> , 46, 47-57	2.7	59
1444	Fontan repair for tricuspid atresia: experience with 50 consecutive patients. <i>Annals of Thoracic Surgery</i> , <b>1988</b> , 45, 430-6	2.7	16
1443	Complement and leukocytes during cardiopulmonary bypass: effects on plasma C3d and C5a, leukocyte count, release of granulocyte elastase and granulocyte chemotaxis. <b>1988</b> , 2, 164-70		10
1442	Activation of inflammatory systems during cardiopulmonary bypass. <b>1988</b> , 22, 51-3		34
1441	Anaphylatoxin formation in sepsis. <b>1988</b> , 123, 645-9		69
1440	Results of radical treatment of stage IIIa non-small-cell carcinoma of the lung. <b>1988</b> , 2, 329-35		10
1439	The properties of human C5a anaphylatoxin. The significance of C5a formation during hemodialysis. <b>1987</b> , 59, 51-71		19
1438	Should the temperature chart influence management in cardiac operations?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1988</b> , 96, 518-523	1.5	12
1437	Deferoxamine reduces neutrophil-mediated free radical production during cardiopulmonary bypass in man. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1988</b> , 96, 582-589	1.5	71
1436	Dipyridamole preserved platelets and reduced blood loss after cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1988</b> , 96, 332-341	1.5	69
1435	Effects of cardiopulmonary bypass on eicosanoid metabolism during pediatric cardiovascular surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1988</b> , 95, 842-849	1.5	54
1434	Complement activation during cardiopulmonary bypass: comparison between the use of large volumes of plasma and dextran 70. <b>1988</b> , 20, 101-9		20
1433	Natriuresis during and early after cardiopulmonary bypass: Relationship to atrial natriuretic factor, aldosterone, and antidiuretic hormone. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 979-986 <sup>1.5</sup>		24
1432	Induction of interleukin-1 production in patients undergoing cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 1100-1106	1.5	170

1431	Homograft replacement of the pulmonary artery bifurcation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 98, 623-631	1.5	6
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1429	Different oxygenators for cardiopulmonary bypass lead to varying degrees of human complement activation in vitro. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1989</b> , 97, 764-770	1.5	34
1428	Review article : Renal function and open-heart surgery. <b>1989</b> , 4, 1-8		1
1427	Deleterious effects of complement activation on the lungs during extracorporeal circulation and its inhibition by FUT-175. <b>1989</b> , 4, 56-68		6
1426	Hypothermia and the stress response to cardiopulmonary bypass. <b>1989</b> , 3, 359-63; discussion 364		16
1425	Haematological effects of a depth absorption arterial line filter during extracorporeal circulation. <b>1989</b> , 4, 255-264		1
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1423	Different activation patterns in the plasma kallikrein-kinin and complement systems during coronary bypass surgery. <b>1989</b> , 33, 343-7		39
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1421	Pharmacology of Aprotinin and Efficacy During Cardiopulmonary Bypass. <b>1989</b> , 7, 127-140		26
1420	Effect of methylprednisolone on endotoxemia and complement activation during cardiac surgery. <b>1989</b> , 3, 544-9		69
1419	Mediastinal bleeding after cardiac surgery: etiologies, diagnostic considerations, and blood conservation methods. <b>1989</b> , 3, 760-75		36
1418	Anomalous origin of the right pulmonary artery from the ascending aorta: repair without cardiopulmonary bypass. <b>1989</b> , 23, 309-13		19
1417	Influence of leukopenia on collateral flow, reperfusion flow, reflow ventricular fibrillation, and infarct size in dogs. <b>1989</b> , 117, 523-32		50
1416	High-dose aprotinin: hemostatic effects in open heart operations. <i>Annals of Thoracic Surgery</i> , <b>1989</b> , 48, 536-9	2.7	86
1415	Pulmonary shunting after cardiopulmonary bypass. <b>1989</b> , 10 Suppl H, 17-21		12
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1412	Value of C-reactive protein in reflecting the magnitude of complement activation in children undergoing open heart surgery. <b>1990</b> , 16, 128-132		15
1411	Blood - Artificial Surface Interactions during Cardiopulmonary Bypass: A Comparative Study of Four Oxygenators. <b>1990</b> , 13, 488-497		14
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1406	Injūria orgānica da circulação extracorpórea nos três primeiros meses de vida. <b>1990</b> , 5, 1-8		
1405	Myocardial protection by simple systemic hypothermia without aortic occlusion. <b>1990</b> , 4, 613-7		1
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1402	Perfusion for paediatric open-heart surgery. <b>1990</b> , 5, 1-8		17
1401	Comparison of hollow fibre membrane oxygenators during cardiopulmonary bypass in children: Dideco Masterflo versus Terumo Capiox II. <b>1990</b> , 5, 33-43		3
1400	Systemic pattern of free radical generation during coronary bypass surgery. <b>1990</b> , 64, 236-40		51
1399	Inflammatory system activation during cardiopulmonary bypass as an indicator of biocompatibility: a randomized comparison of bubble and membrane oxygenators. <b>1990</b> , 24, 53-8		29
1398	Leucocytes and cardiopulmonary bypass: in vitro production of oxygen free radicals and trapping in the reperfused myocardium. <b>1990</b> , 5, 169-180		12
1397	Coronary trapping of a complement activation product (C3a des-Arg) during myocardial reperfusion in open-heart surgery. <b>1990</b> , 24, 223-7		10
1396	Clinical Experience in Disorders of Haemostasis. <b>1990</b> , 2, 32-44		4

1395	Bubble and membrane oxygenators--comparison of postoperative organ dysfunction with special reference to inflammatory activity. <b>1990</b> , 24, 59-64		24
1394	Biocompatibility of extracorporeal circuits in heart surgery. <b>1990</b> , 11, 5-33		25
1393	Blood conservation in cardiac surgery. <i>Annals of Thoracic Surgery</i> , <b>1990</b> , 50, 843-51	2.7	57
1392	Pleuropulmonary morbidity: internal thoracic artery versus saphenous vein graft. <i>Annals of Thoracic Surgery</i> , <b>1990</b> , 50, 959-64	2.7	63
1391	Reduction of complement activation during bypass by prime manipulation. <i>Annals of Thoracic Surgery</i> , <b>1990</b> , 49, 279-83	2.7	33
1390	Complement activation and lung permeability during cardiopulmonary bypass. <i>Annals of Thoracic Surgery</i> , <b>1990</b> , 50, 597-601	2.7	83
1389	Complement activation with bubble and membrane oxygenators in aortocoronary bypass grafting. <i>Annals of Thoracic Surgery</i> , <b>1990</b> , 50, 387-91	2.7	36
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1387	Immunological aspects of cardiopulmonary bypass. <b>1990</b> , 4, 245-58		59
1386	A prospective study of the risk of an immediate adverse reaction to protamine sulfate during cardiopulmonary bypass surgery. <b>1990</b> , 85, 713-9		101
1385	The role of naturally-occurring antibodies against man-made materials in biocompatibility. <b>1990</b> , 11, 33-41		9
1384	Effect of polymorphonuclear leukocyte-derived oxygen free radicals and hypochlorous acid on cardiac function and some biochemical parameters. <b>1990</b> , 119, 538-50		92
1383	Modification of cardiopulmonary hemodynamics and vasoactive mediators by extracorporeal membrane oxygenation in newborn lambs. <b>1990</b> , 25, 33-7		14
1382	Leukopenia associated with extracorporeal membrane oxygenation in newborn infants. <b>1990</b> , 116, 440-4		40
1381	Pathophysiology of cardiopulmonary bypass: current issues. <b>1990</b> , 5, 177-89		48
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1376	Pro: deep hypothermic circulatory arrest is preferable to low-flow bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>1991</b> , 5, 635-7	2.1	8
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1372	Reply. <i>Annals of Thoracic Surgery</i> , <b>1991</b> , 51, 696	2.7	5
1371	Pulmonary sequelae of prolonged total venoarterial bypass: evaluation with a new experimental model. <i>Annals of Thoracic Surgery</i> , <b>1991</b> , 51, 794-9	2.7	32
1370	Inhibition by dexamethasone of the reperfusion phenomena in cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1991</b> , 102, 515-525	1.5	189
1369	Myeloperoxidase and elastase as markers of leukocyte activation during cardiopulmonary bypass in humans. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1991</b> , 102, 309-317	1.5	148
1368	Greater permeability of the neonatal lung. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1991</b> , 101, 909-916	1.5	27
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1366	Endothelial cell dysfunction after ischemic arrest and reperfusion: A possible mechanism of myocardial injury during reflow. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1991</b> , 102, 688-694	1.5	69
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1364	Irreversible Drop of Systemic Vascular Resistances in Patients Implanted with a Jarvik Total Artificial Heart. <b>1991</b> , 14, 286-289		3
1363	Anesthesia for Cardiac Surgery in Newborns with Congenital Heart Disease. <b>1991</b> , 6, 153-166		1
1362	Preoperative and intraoperative predictors of inotropic support and long-term outcome in patients having coronary artery bypass grafting. <b>1991</b> , 72, 729-36		79
1361	Stranger in a strange land: the pathogenesis of saphenous vein graft stenosis with emphasis on structural and functional differences between veins and arteries. <b>1991</b> , 34, 45-68		278
1360	Autotransfusion after open heart surgery: characteristics of shed mediastinal blood and its influence on the plasma proteases in circulating blood. <b>1991</b> , 35, 71-6		19



1359	Review article : The pathophysiology of nephrourological complications following cardiopulmonary bypass. <b>1991</b> , 6, 79-91		5
1358	Actuarial survival and other events following valve surgery in octogenarians: comparison with an age-, sex-, and race-matched population. <b>1991</b> , 5, 319-25		15
1357	Clinical experience with heparin-coated cardiopulmonary bypass circuits. <b>1991</b> , 6, 235-42		32
1356	The role of different types of corticosteroids on the inflammatory mediators in cardiopulmonary bypass. <b>1991</b> , 5, 211-7		84
1355	Leukocyte redistribution and eicosanoid changes during the autoperfused working heart-lung preparation. <b>1991</b> , 4, 477-85		1
1354	Duration of cardiopulmonary bypass compared with changes in the plasma protease systems. <b>1991</b> , 25, 223-6		1
1353	Blood cell rheological changes during prolonged perfusion with membrane oxygenation (PPMO) using perfluorochemicals. <b>1991</b> , 6, 31-39		
1352	Minimisation of priming volume and blood saving in paediatric cardiac surgery. <b>1992</b> , 6, 308-10		13
1351	Transient endotoxaemia during cardiac surgery. <b>1992</b> , 7, 53-58		4
1350	Heparin surface treatment does not impair gas and heat transfer of an extracorporeal circuit. <b>1992</b> , 7, 109-114		4
1349	Early prediction of septic complications after cardiac surgery by APACHE II score. <b>1992</b> , 6, 524-8; discussion 529		14
1348	The problem of priming solutions? The solution of priming problems. <b>1992</b> , 7, 217-221		6
1347	Cytokine responses to cardiopulmonary bypass with membrane and bubble oxygenation. <i>Annals of Thoracic Surgery</i> , <b>1992</b> , 53, 833-8	2.7	128
1346	Heparin-coated cardiopulmonary bypass circuits and 25% reduction of heparin dose in coronary artery surgery--a clinical study. <b>1992</b> , 97, 55-66		12
1345	Decreased blood loss after cardiopulmonary bypass using heparin-coated circuit and 50% reduction of heparin dose. <b>1992</b> , 26, 177-85		56
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1326	Carboxypeptidase N concentration during cardiopulmonary bypass in humans. <b>1992</b> , 39, 54-9		4
1325	Reduced clearance of leukocytes from lungs in septic rats. <b>1992</b> , 192, 197-204		
1324	Complement activation and cytokine production as consequences of immunological bioincompatibility of extracorporeal circuits. <b>1993</b> , 14, 303-36		47

1323	Myocardial preservation by therapy with coenzyme Q10 during heart surgery. <b>1993</b> , 71, S155-61		28
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1320	Activation of the plasma protease systems by artificial surfaces. <b>1993</b> , 37, 73-78		
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1318	Oxygen consumption after cardiopulmonary bypass--implications of different measuring methods. <b>1993</b> , 19, 105-10		34
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1315	Acute mesenteric ischemia after cardiopulmonary bypass. <b>1993</b> , 166, 231-6		54
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1313	Aprotinin in perspective. <i>Annals of Thoracic Surgery</i> , <b>1993</b> , 55, 1033-41	2.7	133
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1289	Neutrophil adhesion and the inflammatory response induced by cardiopulmonary bypass. <b>1993</b> , 3, 244-250		9
1288	Treatment of bleeding following cardiopulmonary bypass in neonates and infants. <b>1993</b> , 3, 257-262		1

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1286	Continuous perfusion without hemodilution in neonates—the experience at the Marie Lannelongue Hospital. <b>1993</b> , 3, 340-346		3
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1284	Activation of fibrinolysis in the pericardial cavity during cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1993</b> , 106, 828-833	1.5	142
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1282	Successful restoration of cell-mediated immune response after cardiopulmonary bypass by immunomodulation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1993</b> , 105, 15-24	1.5	54
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1268	Operation for recurrent ventricular tachycardia. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1994</b> , 107, 732-742	1.5	23
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1266	Platelet-leukocyte activation and modulation of adhesion receptors in pediatric patients with congenital heart disease undergoing cardiopulmonary bypass. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1994</b> , 107, 280-288	1.5	76
1265	A potential mechanism of vasodilation after warm heart surgery: The temperature-dependent release of cytokines. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1994</b> , 107, 293-299	1.5	114
1264	Biocompatibility of Cardiopulmonary Bypass: Influence on Blood Compatibility of Device Type, Mode of Blood Flow and Duration of Application. <b>1994</b> , 17, 118-128		12
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1262	Effect of intracardiac repair on biosynthesis of thromboxane A2 and prostacyclin in children with a left to right shunt. <b>1994</b> , 72, 452-6		23
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1259	Evaluation of definitions and parameters for sepsis assessment in patients after cardiac surgery. <b>1994</b> , 22, 8-17		49
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1245	Treatment of postthoracotomy supraventricular tachyarrhythmias. <i>Annals of Thoracic Surgery</i> , <b>1994</b> , 57, 783-4	2.7	
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1239	Effects of aprotinin on acute recovery of cerebral metabolism in piglets after hypothermic circulatory arrest. <i>Annals of Thoracic Surgery</i> , <b>1994</b> , 58, 146-53	2.7	56
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1218	Circulating adhesion molecules in pediatric cardiac surgery. <b>1995</b> , 81, 1129-35		8
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1216	Aprotinin: No Justification for Current Use. <b>1995</b> , 11, 156-162		2



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1193	Nitric oxide release during hypothermic versus normothermic cardiopulmonary bypass. <b>1995</b> , 9, 651-4		25
1192	State-of-the-Art Review: Optimal Anticoagulation in Cardiovascular Surgery. <b>1995</b> , 1, 173-178		
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1164	Heparin-coated bypass circuits in cardiopulmonary bypass: improved biocompatibility or not. <b>1996</b> , 53 Suppl, S81-7		10
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882	Work up to rule out perioperative myocardial infarction: is it overused?. <b>2000</b> , 4, P1		78
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878	Evaluation of a new wireless ECG electrode built in a telemeter in critically ill patients. <b>2000</b> , 4, P5		1
877	Immediate complications of central venous cannulation in ICU. <b>2000</b> , 4, P6		78
876	A comparison of pulmonary artery occlusion pressure (PaOP) measurements using pressure controlled ventilation (PCV) versus airway pressure release ventilation (APRV). <b>2000</b> , 4, P7		0
875	Effective pulmonary capillary pressure during hyperdynamic porcine endotoxemia. <b>2000</b> , 4, P8		78
874	A comparison between oesophageal Doppler and continuous thermodilution for the measurement of cardiac output in critically ill patients. <b>2000</b> , 4, P9		1

873	Comparison of pulmonary arterial and arterial trans-cardiopulmonary thermodilution cardiac output in porcine septic shock. <b>2000</b> , 4, P10	78
872	Comparison of pressure-related performance data with data measured by thermodilution in heart failure and sepsis. <b>2000</b> , 4, P11	0
871	Compliance or failure and improvement or deterioration diagnosis of patients from performance diagrams. <b>2000</b> , 4, P12	1
870	CI/SVRI relationship during different phases of inflammatory response. <b>2000</b> , 4, P13	78
869	Would the blood volume analyzer-100 (BVA-100) be an alternative to pulmonary artery catheter (PAC) in critically ill patients. <b>2000</b> , 4, P14	2
868	Sepsis increases accumulation of cell-free hemoglobin in intima of submucosal arterioles in rats. <b>2000</b> , 4, P15	78
867	Diaspirin cross-linked hemoglobin (DCLHb) ensures tissue oxygenation during hemodilution below the critical hematocrit. <b>2000</b> , 4, P16	78
866	Decrease of red blood cell sialic acid membrane content in septic patients. <b>2000</b> , 4, P17	2
865	Preload assessment in septic shock. <b>2000</b> , 4, P18	78
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862	The formation of platelet microvesicles in septic pigs treated with different kinds of volume replacement. <b>2000</b> , 4, P21	78
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858	Antithrombin (AT) improves inflammation induced microcirculatory disturbance in rat mesentery. <b>2000</b> , 4, P25	78
857	G-protein- and phosphodiesterase-dependent regulation of neutrophil migration by antithrombin III involving CXC-receptor 1. <b>2000</b> , 4, P26	78
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855	Lipopolysaccharide induced procoagulant activity and cytokine production: influence of antithrombin. <b>2000</b> , 4, P28	78
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850	Heparin vs recombinant hirudin for anticoagulation in continuous renal replacement therapy. <b>2000</b> , 4, P33	78
849	Using fraxiparin in patients with gestosis. <b>2000</b> , 4, P34	78
848	The effect of using a heparin-free flush system for central venous and pulmonary artery catheters on a general medical and surgical intensive care unit. <b>2000</b> , 4, P35	78
847	Is the ecarin clotting time (ECT) a valid monitoring parameter for r-hirudin-based anticoagulation in continuous renal replacement therapy?. <b>2000</b> , 4, P36	78
846	Impact of CVVH on monocyte activation in the critically ill. <b>2000</b> , 4, P37	78
845	Effect of continuous hemofiltration (CVVHF) on inflammatory parameters. <b>2000</b> , 4, P38	78
844	Prospective randomized study of hemodialysis membrane biocompatibility in acute renal failure. <b>2000</b> , 4, P39	78
843	Carbon dioxide elimination during continuous venovenous hemodiafiltration (CVVHD)-laboratory experiment. <b>2000</b> , 4, P40	78
842	The combination of lactate and bicarbonate buffers in continuous venovenous hemodiafiltration and its impact on serum lactate levels and homeostasis. <b>2000</b> , 4, P41	78
841	Efficacy of the endotoxin absorption method (PMX) in patients with septic shock associated with intraperitoneal infections. <b>2000</b> , 4, P42	78
840	Effects of epinephrine and norepinephrine on endotoxin-induced tissue factor expression in blood monocytes. <b>2000</b> , 4, P43	78
839	Influence of enoximone and dobutamine upon liver perfusion and function in fluid optimized septic patients. <b>2000</b> , 4, P44	78
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- 837 Influence of iloprost on hepato splanchnic metabolic activity and energy balance in patients with septic shock. **2000**, 4, P46 78
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- 835 Norepinephrine-induced blood pressure increase to pre-shock levels worsens regional flow distribution in porcine septic shock. **2000**, 4, P48 78
- 834 Inhibition of inducible nitric oxide synthase (iNOS) reduces multi-organ failure (MOF) in the thioacetamide (TAA) rat model. **2000**, 4, P49 78
- 833 Effect of iNOS inhibition on exhaled NO and serum nitrate in hyperdynamic porcine endotoxemia. **2000**, 4, P50 78
- 832 Effects of mercaptoethylguanidine during long-term hyperdynamic porcine endotoxemia. **2000**, 4, P51 78
- 831 Endotoxin-induced pulmonary hyporesponsiveness to inhaled nitric oxide is improved by nitric oxide synthase 2 inhibition. **2000**, 4, P52 78
- 830 In contrast to CD64 expression, CD14 expression is persistently downregulated on polymorphonuclear cells (PMN) but not on monocytes of patients with septic shock. **2000**, 4, P53 78
- 829 Respiratory burst activity of PMN is increased in most patients during septic shock. **2000**, 4, P54 78
- 828 Differences in phagocytosis by polymorphonuclear leucocytes (PMNs) and monocytes (Mos) in endotoxemia and endotoxin (ET) tolerance. **2000**, 4, P55 78
- 827 Role of platelet activating factor (PAF) on leukocyte-independent plasma extravasation and mast cell activation during endotoxemia. **2000**, 4, P56 78
- 826 TNF- $\alpha$  possible mediator of remote tissue injury after viper envenomation. **2000**, 4, P57 78
- 825 Phagocytosis of granulocytes is decreased in most patients with severe sepsis or septic shock. **2000**, 4, P58 78
- 824 Triiodothyronine (T3) ameliorates the cytokine storm in rats with sepsis. **2000**, 4, P59 78
- 823 Interleukin-17 stimulates intraperitoneal neutrophil infiltration through the release of the chemokine GRO $\alpha$  from peritoneal mesothelial cells. **2000**, 4, P60 78
- 822 The ex vivo production of tumor necrosis factor- $\alpha$  (TNF- $\alpha$ ) in men: relationship to cytokine balance during cardiopulmonary bypass. **2000**, 4, P61 78
- 821 Relationship between TNF- $\alpha$  and IL10 release during cardiac operations and the development of apoptosis. **2000**, 4, P62 78
- 820 Elevated levels of adhesion molecules in septic patients with pre-existing coronary artery disease. **2000**, 4, P63 78

819	Are IL-6, IL-10 and PCT plasma concentrations more reliable than APACHE-III or SAPS-II for the individual mortality risk prediction in severe sepsis?. <b>2000</b> , 4, P64	1
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817	Cytokines and sepsis - just black smoke?. <b>2000</b> , 4, P66	3
816	The GH/IGF-I axis in children with a meningococcal septic shock: striking differences between survivors and non-survivors. <b>2000</b> , 4, P67	78
815	Secretory phospholipase A2 (sPLA2), procalcitonin (PCT) and C-reactive protein (CRP) for the diagnosis and differentiation of septic shock and non-septic shock. <b>2000</b> , 4, P68	78
814	How does major abdominal surgery induce procalcitonin and IL-6 in the postoperative period?. <b>2000</b> , 4, P69	78
813	Role of decisive markers in diagnosis and outcome of patients with septic shock. <b>2000</b> , 4, P70	78
812	A new diagnostic and severity marker in patients with SIRS, sepsis, severe sepsis and septic shock; procalcitonin. <b>2000</b> , 4, P71	78
811	Procalcitonin serum concentrations do not differentiate severity of septic shock in postoperative patients. <b>2000</b> , 4, P72	78
810	Expression and regulation of procalcitonin in different human cells. <b>2000</b> , 4, P73	78
809	Procalcitonin helps to discriminate between septic and non-septic underlying disease at admission in ICU. <b>2000</b> , 4, P74	78
808	Procalcitonin concentrations in blood after long-distance running. <b>2000</b> , 4, P75	1
807	The role of gallium-67 scintigraphy in diagnosing sources of fever in critically ill patients in ICU. <b>2000</b> , 4, P76	78
806	Bacteremia and systemic inflammatory response syndrome (SIRS) in confirmed post-partum endometritis. <b>2000</b> , 4, P77	78
805	Evolution of micro-organisms isolated in nosocomial bloodstream infections in Belgian Intensive Care Units, 1992-1999. <b>2000</b> , 4, P78	78
804	Ten years of blood cultures surveillance in an intensive care unit of a tertiary hospital in Israel. <b>2000</b> , 4, P79	78
803	Intraluminal antibiotic treatment of central venous catheter infection in patients receiving total parenteral nutrition. <b>2000</b> , 4, P80	78
802	Urgent orotracheal intubation induces transient bacteremia in critically ill patients. <b>2000</b> , 4, P81	78

801	Tetanus - following up 285 patients in ICU. <b>2000</b> , 4, P82	78
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799	Falciparum malaria in ICU. <b>2000</b> , 4, P84	78
798	Fungaemia in the intensive care unit: Baragwanath experience. <b>2000</b> , 4, P85	78
797	High incidence of positive fungal DNA in the blood of critically ill patients. <b>2000</b> , 4, P86	78
796	Frequency, mortality and risk factors of candidemia at a tertiary care hospital. <b>2000</b> , 4, P87	1
795	Hospital urinary infection epidemic by <i>Candida famata</i> : reduction of mortality after therapy with fluconazole and identification of the risk factors related to the infection. <b>2000</b> , 4, P88	1
794	Usefulness of vancomycin serum concentration monitoring in the critically ill patient. <b>2000</b> , 4, P89	78
793	Vancomycin as a single daily dose in critically ill patients on an intensive care unit. <b>2000</b> , 4, P90	78
792	Risk factors associated with vancomycin-resistant enterococcal colonization in a general ICU and the effect of surveillance and prevention over respiratory tract and nosocomial infections. <b>2000</b> , 4, P91	78
791	Risk factors of infection and molecular typing in ICU colonized patients with <i>Enterobacter aerogenes</i> . <b>2000</b> , 4, P92	78
790	The new way of postoperative pulmonary complications prophylaxis in oesophageal cancer surgery. <b>2000</b> , 4, P93	78
789	The impact of late-onset ventilator-associated pneumonia on mortality in a Saudi-Arabian hospital. <b>2000</b> , 4, P94	78
788	Effect of mechanical ventilation and respiratory tract colonization on bronchial immunoglobulin A and G levels in ICU patients. <b>2000</b> , 4, P95	78
787	Effects of bronchoalveolar lavage (BAL) fluids of patients with ventilator-associated bronchopneumonia (VAP) on alveolar cells in culture. <b>2000</b> , 4, P96	78
786	Cardiopulmonary effects of bronchoalveolar lavage in critically ill patients with ventilator-associated pneumonia. <b>2000</b> , 4, P97	78
785	The influence of empiric antimicrobial therapy on acquired pulmonary infection in patients with a chest injury on ICU. <b>2000</b> , 4, P98	78
784	Non invasive mechanical ventilation (NINMV) in cardiac surgery. <b>2000</b> , 4, P99	78



783	An audit of unplanned extubations in a medical intensive care unit. <b>2000</b> , 4, P100	2
782	Timing of extubation after esophagectomy. <b>2000</b> , 4, P101	1
781	Evaluation of different CPAP systems in ICU population. <b>2000</b> , 4, P102	78
780	A comparison of the effects of conventional and balloon laryngoscopy on the sagittal dimensions of the space available for the cord at the level of the occipitoatlantoaxial complex. <b>2000</b> , 4, P103	78
779	Use of Combitube airway to protect the airway from methylene blue dye. <b>2000</b> , 4, P104	78
778	Translaryngeal tracheostomy: prospective experience in two Canadian tertiary intensive care units. <b>2000</b> , 4, P105	1
777	The use of percutaneous tracheostomy in patients with severe acute or chronic liver disease. <b>2000</b> , 4, P106	78
776	In vitro study of a new vaporization humidifying device: DAR HC 2000□ . <b>2000</b> , 4, P107	78
775	Non-invasive two-point estimation of arterial PCO2 and alveolar deadspace. <b>2000</b> , 4, P108	78
774	Hemodynamic effects of the inspiratory flow rate in patients with septic shock. <b>2000</b> , 4, P109	78
773	Automatic tube compensation combined with pressure support ventilation - improved work of breathing pattern and less work. <b>2000</b> , 4, P110	7
772	Proportional pressure support in acute lung injury: an observational study. <b>2000</b> , 4, P111	2
771	Selected biochemical values and organ dysfunction assessment in prediction of difficult to wean patients. <b>2000</b> , 4, P112	78
770	Respiratory mechanics studied by multiple regression and the end-inspiratory pause technique during mechanical ventilation. <b>2000</b> , 4, P113	78
769	Open lung strategies in patients with intracranial lesions and acute lung injury. <b>2000</b> , 4, P114	78
768	Relationship between superimposed pressure and pleural pressure gradient in an experimental model of ARDS. <b>2000</b> , 4, P115	1
767	Effects of a lung recruitment maneuver keeping PEEP before and after L-Pflex on gas exchange in child ARDS patients. <b>2000</b> , 4, P116	1
766	Effects of artificial changes in chest wall compliance on respiratory mechanics and gas exchange in patients with acute lung injury (ALI). <b>2000</b> , 4, P117	3

765	The lower inflection point of the inspiratory pressure-volume curve overestimates optimal PEEP in surfactant-treated immature lambs. <b>2000</b> , 4, P118	78
764	Effect of different tidal volumes and PEEP levels on gas exchange and FRC. <b>2000</b> , 4, P119	78
763	Beneficial effects of lung recruitment with PEEP after cardiac surgery. <b>2000</b> , 4, P120	78
762	Effects of PEEP and tidal volume on elastances and distribution of volume changes of the different chest wall compartments. <b>2000</b> , 4, P121	78
761	Effects of PEEP above the L-Pflex on gas exchange, hemodynamic and gastric tonometry in ARDS patients. <b>2000</b> , 4, P122	78
760	Influence of different PEEP levels and tidal volumes on the regional nonaerated tissue: experimental study. <b>2000</b> , 4, P123	78
759	Computer tomography of chest organs in the diagnosis of acute respiratory distress-syndrome of patients with severe brain injury. <b>2000</b> , 4, P124	78
758	Partial liquid ventilation combined with two different gas ventilation strategies in acute lung injury in piglets. <b>2000</b> , 4, P125	78
757	Oxygenation response to prone positioning in pulmonary and extrapulmonary ARDS. <b>2000</b> , 4, P126	78
756	Prospective study to evaluate the kind of prone position concerning nursing, clinical outcome and material and personnel resources. <b>2000</b> , 4, P127	78
755	Inhaled nitric oxide in infants and children with ARDS. <b>2000</b> , 4, P128	78
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750	<sup>13</sup> C-stable isotope analyses technique for ICU patients. <b>2000</b> , 4, P133	78
749	Metabolism in abdominal organs, as evaluated by microdialysis, in experimental severe acute pancreatitis. <b>2000</b> , 4, P134	78
748	Acute necrotizing pancreatitis – histological study focusing on necrosis and apoptosis. <b>2000</b> , 4, P135	78

747	Inflammatory response, prognostic scores and mortality in acute pancreatitis. <b>2000</b> , 4, P136	78
746	Indocyanine green clearance monitoring during liver transplant for fulminant hepatic failure: preliminary results. <b>2000</b> , 4, P137	78
745	Clinical and economic study of the use of somatostatin 14 AA (amino-acids) in the treatment of enterocutaneous and pancreatic fistulas. <b>2000</b> , 4, P138	78
744	Decrease in urine output during mesenteric traction syndrome is an early predictor of multiorgan dysfunction. <b>2000</b> , 4, P139	78
743	Hypocapnic and normocapnic ventilation in hepatic encephalopathy: a comparison. <b>2000</b> , 4, P141	78
742	Emergency department evaluation of orthotopic liver transplant recipients. <b>2000</b> , 4, P142	78
741	Timing and incidence density of upper gastrointestinal bleeding acquired by critically ill children. <b>2000</b> , 4, P143	1
740	Does metoclopramide prevent bacterial translocation (BT)?. <b>2000</b> , 4, P144	78
739	Is redistribution of microcirculatory blood flow within the small intestinal wall the cause of prolonged paralytic ileus in the critically ill?. <b>2000</b> , 4, P145	78
738	Ileal microcirculation and mucosal acidosis during hyperdynamic porcine endotoxemia. <b>2000</b> , 4, P146	78
737	Relationship between systemic arterial pressure (SAP) and EtCO <sub>2</sub> in patients with hemorrhagic shock. <b>2000</b> , 4, P147	78
736	Continuous monitoring of gastric carbon dioxide with optical fibers: European project COMOCADOF, in vitro evaluation. <b>2000</b> , 4, P148	2
735	Assessment of a handy-type blood gas analyzer for measuring intramucosal pH (pHi). <b>2000</b> , 4, P149	78
734	Gastric mucosal tonometry: should we adjust PiCO <sub>2</sub> and CO <sub>2</sub> -gap to temperature?. <b>2000</b> , 4, P150	78
733	Evaluation of PCO <sub>2</sub> measurements using a gastric air tonometer located in non-mixing solution. <b>2000</b> , 4, P151	78
732	Influence of prone position on gastric mucosal-arterial PCO <sub>2</sub> gradient. <b>2000</b> , 4, P152	78
731	Systemic and splanchnic hemodynamics, metabolism and PCO <sub>2</sub> -gap during septic shock induced by live E. coli infusion in dogs. <b>2000</b> , 4, 1	4
730	Routine blood gas analysis does not provide information on regional metabolism of the stomach obtained by gastric tonometry in patients with left ventricular failure. <b>2000</b> , 4, P154	78

729	Gastric-arterial pCO <sub>2</sub> gradient, but not lactate levels, is related to multiple organ dysfunction assessed by SOFA score in septic patients. <b>2000</b> , 4, P155	78
728	The relationship between data of gastric tonometry by determination of polymorphonuclear leukocytes (PMNs, i.e., myeloperoxidase activity) and gut mucosal hypoperfusion in elective cardiac surgical patients. <b>2000</b> , 4, P156	78
727	Is muscular mass affected by L-Carnitine levels in critically ill patients?. <b>2000</b> , 4, P158	78
726	Pseudocholinesterase and albumin in infants with cirrhosis. <b>2000</b> , 4, P159	78
725	Serum albumin and mortality risk in critically ill patients. <b>2000</b> , 4, P160	1
724	Parenteral nutrition (PN) depresses hepatic albumin synthesis in septic rats. <b>2000</b> , 4, P161	78
723	Measurement of gastric emptying in ICU patients with <sup>13</sup> C-acetate. <b>2000</b> , 4, P162	78
722	Propofol-induced inhibition of intestinal peristalsis involves enteric opioidergic pathways. <b>2000</b> , 4, P163	1
721	Clonidine concentration-dependently inhibits intestinal peristalsis in vitro. <b>2000</b> , 4, P164	78
720	Early enteral nutrition after Pancreas Kidney Transplantation (PKTx) with enteral drainage (a pilot study in five patients). <b>2000</b> , 4, P165	78
719	Impact of carrier solution on biological insulin availability. <b>2000</b> , 4, P166	78
718	Delivery of parenteral nutrition by 'all in one bag'(AIO) versus single bottle system (SBS) in critically ill patients: a prospective randomized trial. <b>2000</b> , 4, P167	78
717	Glutamine-enriched parenteral nutrition during postoperative catabolic state. <b>2000</b> , 4, P168	1
716	Muscular mass and subcutaneous fat changes according to duration of ICU hospitalization with corticosteroid and muscle relaxant intake. <b>2000</b> , 4, P169	78
715	Incidence of cortisol deficiency in patients with traumatic brain injury. <b>2000</b> , 4, P170	2
714	Treatment of hypophosphataemia in critically ill patients with a two day dosing regimen. <b>2000</b> , 4, P171	78
713	Hypoglycemia masquerading as acute psychosis in young age. <b>2000</b> , 4, P172	1
712	Plasma Cl:Na ratio: a simple alternative to Stewart-Strong Ion equation for detection of elevated lactate or unmeasured anions in metabolic acidosis. <b>2000</b> , 4, P173	78

711	Effects of angiotensin II on the renal excretion of urodilatin in the isolated rat kidney. <b>2000, 4, P174</b>	78
710	Plasma endothelin-1 and natriuretic peptide levels and antioxidant capacity of heart transplanted patients. <b>2000, 4, P175</b>	78
709	Management and outcome of symptomatic hyponatremia in emergency department. <b>2000, 4, P176</b>	78
708	Variation of early auditory evoked potentials (EAEP) in severe hyponatremia. <b>2000, 4, P177</b>	78
707	Combined central diabetes insipidus and cerebral salt wasting after craniotomy. <b>2000, 4, P178</b>	1
706	Changes in the C-type Natriuretic peptide (CNP) and NO derivatives in the plasma and CSF of the patients with subarachnoid hemorrhage (SAH). <b>2000, 4, P179</b>	78
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704	A prospective study of the incidence of critical illness polyneuropathy. <b>2000, 4, P181</b>	1
703	Neurosurgical patients admitted to intensive care units (ICU) exhibit a systemic inflammatory response. <b>2000, 4, P182</b>	78
702	Bacterial versus viral meningitis: comparison of the old and the new clinical prediction models. <b>2000, 4, P183</b>	3
701	Protection of spinal cord ischemic injury with the $\beta$ agonist Clenbuterol. <b>2000, 4, P184</b>	78
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699	Central neuroaxial blockade improves case-mix adjusted mortality of the critically ill surgical patient. <b>2000, 4, P186</b>	78
698	Alteration of current perception threshold in severely injured patients. <b>2000, 4, P187</b>	78
697	The early management of pain in casualty wards. <b>2000, 4, P188</b>	78
696	Monitoring of sedation with BIS Index, comparison with Ramsay and Cook sedation scores. <b>2000, 4, P189</b>	78
695	Bispectral index (BIS) monitoring of ICU patients on continuous infusion of sedatives and paralytics reduces sedative drug utilization and cost. <b>2000, 4, P190</b>	17
694	The change in Bispectral Index with stimulation indicates depth of sedation in intensive care. <b>2000, 4, P191</b>	2

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692	Respiratory effects of dexmedetomidine in the ICU. <b>2000</b> , 4, P193	2
691	Lactic acid clearance in the emergency department prognosticates multisystem organ failure and death. <b>2000</b> , 4, P194	78
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689	Establishment of emergency medical services in Addis Ababa, Ethiopia. <b>2000</b> , 4, P197	78
688	A prospective trial of surgical resident performed focused abdominal sonography for trauma (FAST): an easy training method. <b>2000</b> , 4, P198	78
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686	Management of children with severe traumatic brain injury in an adult ICU: evaluation of outcome. <b>2000</b> , 4, P200	78
685	Outcome after major trauma: 12-month follow-up. <b>2000</b> , 4, P201	78
684	The Bair Hugger patient warming system in prolonged surgery. <b>2000</b> , 4, P202	78
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676	Epidemiology of cardiac arrhythmias in a medical-cardiologic intensive care unit: single center experience. <b>2000</b> , 4, P210	78

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668	An experience with surgical admissions to a Paediatric ICU (PICU) in Harare Zimbabwe. <b>2000</b> , 4, P218	78
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665	Collaborative practice and clinical outcomes in the ICU. <b>2000</b> , 4, P221	4
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