

No.	ID	Authors	Title	Journal	Year	Volume	Pages
1	12006271	The n-BCA Trial Investigators	N-butyl cyanoacrylate embolization of cerebral arteriovenous malformations: results of a prospective, randomized, multi-center trial.	AJNR Am J Neuroradiol	2002	23(5)	748-55
2	18847336	Agid R, Terbrugge K, Rodesch G, Andersson T, Soderman M	Management strategies for anterior cranial fossa (ethmoidal) dural arteriovenous fistulas with an emphasis on endovascular treatment	J Neurosurg	2009	110(1)	79-84
3	12593624	Akin ED, Perkins E, Ross IB	Surgical handling characteristics of an ethylene vinyl alcohol copolymer compared with N-butyl cyanoacrylate used for embolization of vessels in an arteriovenous malformation resection model in swine.	J Neurosurg	2003	98(2)	366-70
4	16780455	Alexander S, Korman MG, Sievert W	Cyanoacrylate in the treatment of gastric varices complicated by multiple pulmonary emboli.	Intern Med J	2006	36(7)	462-5
5	18213438	Andrade-Souza YM, Ramani M, Beachey DJ, Scora D, Tsao MN, Terbrugge K, Schwartz ML	Liquid embolisation material reduces the delivered radiation dose: a physical experiment.	Acta Neurochir (Wien)	2008	150(2)	161-4; discussion 164
6	6701337	ApSimon HT, Hartley DE, Maddren L, Harper C	Embolization of small vessels with a double-lumen microballoon catheter. Part II: Laboratory, animal, and histological studies. Work in progress.	Radiology	1984	151(1)	59-64
7	19070980	Baltacioglu F, Cimsit NC, Bostanci K, Yuksel M, Kodalli N	Transarterial microcatheter glue embolization of the bronchial artery for life-threatening hemoptysis: technical and clinical results	Eur J Radiol	2010	73(2)	380-4
8	11860652	Bapuraj JR, Bilwani R, Khandelwal N, Gupta AK, Nehru VI, Suri S	Pre-operative embolization of auricular arteriovenous fistula.	J Laryngol Otol	2002	116(1)	42-5
9	10082103	Barr JD, Hoffman EJ, Davis BR, Edgar KA, Jacobs CR	Microcatheter adhesion of cyanoacrylates: comparison of normal butyl cyanoacrylate to 2-hexyl cyanoacrylate.	J Vasc Interv Radiol	1999	10(2 Pt 1)	165-8
10	19194742	Bent CL, Low D, Matson MB, Renfrew I, Fotheringham T	Portal vein embolization using a nitinol plug (Amplatzer vascular plug) in combination with histoacryl glue and iodized oil: adequate hypertrophy with a reduced risk of nontarget embolization.	Cardiovasc Intervent Radiol	2009	32(3)	471-7
11	19190464	Berenstein A, Song JK, Tsumoto T, Namba K, Niimi Y	Treatment of experimental aneurysms with an embolic-containing device and liquid embolic agent: feasibility and angiographic and histological results.	Neurosurgery	2009	64(2)	367-73; discussion 373
12	2505505	Brothers MF, Kaufmann JC, Fox AJ, Deveikis JP	n-Butyl 2-cyanoacrylate--substitute for IBCA in interventional neuroradiology: histopathologic and polymerization time studies.	AJNR Am J Neuroradiol	1989	10(4)	777-86
13	20078537	Buckenham T, McKewen M, Laing A, Roake J, Lewis D, Gordon MK	Cyanoacrylate embolization of endoleaks after abdominal aortic aneurysm repair.	ANZ J Surg	2009	79(11)	841-3
14	17555421	Caldwell SH, Hespeneheide EE, Greenwald BD, Northup PG, Patrie JT	Enbucrilate for gastric varices: extended experience in 92 patients.	Aliment Pharmacol Ther	2007	26(1)	49-59
15	11290480	Calvo WJ, Lieber BB, Hopkins LN, Wakhloo AK	Europium fluorescence to visualize N-butyl 2-cyanoacrylate in embolized vessels of an arteriovenous malformation swine model	AJNR Am J Neuroradiol	2001	22(4)	691-7
16	12834641	Cantasdemir M, Adaletli I, Cebi D, Kantarci F, Selcuk ND, Numan F	Emergency endovascular embolization of traumatic intrarenal arterial pseudoaneurysms with N-butyl cyanoacrylate.	Clin Radiol	2003	58(7)	560-5
17	12042999	Cantasdemir M, Kantarci F, Mihmanli I, Akman C, Numan F, Islak C, Bozkurt AK	Emergency endovascular management of pulmonary artery aneurysms in Behcet's disease: report of two cases and a review of the literature.	Cardiovasc Intervent Radiol	2002	25(6)	533-7
18	9030500	Capasso P, Simons C, Trotteur G, Dondelinger RF, Henroteaux D, Gaspard U	Treatment of symptomatic pelvic varices by ovarian vein embolization.	Cardiovasc Intervent Radiol	1997	20(2)	107-11
19	8936549	Carapiet DA, Stevens JE	Pulmonary embolism following embolization of an arteriovenous malformation.	Paediatr Anaesth	1996	6(6)	491-4
20	9974079	Casasco A, Houdart E, Biondi A, Jhaveri HS, Herbreteau D, Aymard A, Merland JJ	Major complications of percutaneous embolization of skull-base tumors.	AJNR Am J Neuroradiol	1999	20(1)	179-81
21	8653750	Cekirge S, Oguzkurt L, Saatci I, Boyvat F, Balkanci F	Embolization of a high-output postnephrectomy aortocaval fistula with Gianturco coils and cyanoacrylate.	Cardiovasc Intervent Radiol	1996	19(1)	56-8

22	18671652	Chaglia AS, Balasubramaniam S	Cerebral N-butyl cyanoacrylate glue-induced abscess complicating embolization.	J Neurosurg	2008	109(2)	347
23	10569424	Chaloupka JC, Mangla S, Huddle DC, Roth TC, Mitra S, Ross DA, Sasaki CT	Evolving experience with direct puncture therapeutic embolization for adjunctive and palliative management of head and neck hypervascular neoplasms.	Laryngoscope	1999	109(11)	1864-72
24	20584447	Chang FC, Lirng JF, Luo CB, Teng MM, Guo WY, Chang CY	Carotid blowout treated by direct percutaneous puncture of internal carotid artery with temporary balloon occlusion.	Interv Neuroradiol	2005	11(4)	349-54
25	17142714	Chao CP, Paz-Fumagalli R, Walser EM, McKinney JM, Stockland AH, Falkensammer J, Hakaim AG, Oldenburg WA	Percutaneous protective coil occlusion of the proximal inferior mesenteric artery before N-butyl cyanoacrylate embolization of type II endoleaks after endovascular repair of abdominal aortic aneurysms.	J Vasc Interv Radiol	2006	17(11 Pt 1)	1827-33
26	20046501	Choi SY, Won JY, Lee do Y, Choi D, Shim WH, Lee KH	Percutaneous transabdominal approach for the treatment of endoleaks after endovascular repair of infrarenal abdominal aortic aneurysm.	Korean J Radiol	2010	11(1)	107-14
27	20587262	Churojana A, Chiewwit P, Chuangsuwanich A, Aojanepong C, Chawalaparit O, Suthipongchai S	Embolization of vascular malformations in head and neck regions. A single center experience.	Interv Neuroradiol	2004	10(1)	37-46
28	16319165	Cil BE, Geyik S, Akmangit I, Cekirge S, Besbas N, Balkanci F	Embolization of a giant pulmonary artery aneurysm from Behcet disease with use of cyanoacrylate and the "bubble technique".	J Vasc Interv Radiol	2005	16(11)	1545-9
29	18824500	Cil BE, Vargel I, Geyik S, Peynircioglu B, Cavusoglu T	Venous vascular malformations of the craniofacial region: pre-operative embolisation with direct percutaneous puncture and N-butyl cyanoacrylate.	Br J Radiol	2008	81(972)	935-9
30	18437524	Cimsit NC, Baltacioglu F, Cengic I, Akpınar IN, Ilker Y, Turkeri L	Transarterial glue embolization in iatrogenic renovascular injuries.	Int Urol Nephrol	2008	40(4)	875-9
31	10369345	Cognard C, Weill A, Tovi M, Castaings L, Rey A, Moret J	Treatment of distal aneurysms of the cerebellar arteries by intraaneurysmal injection of glue.	AJNR Am J Neuroradiol	1999	20(5)	780-4
32	8770265	Cotten A, Deramond H, Cortet B, Lejeune JP, Leclerc X, Chastanet P, Clarisse J	Preoperative percutaneous injection of methyl methacrylate and N-butyl cyanoacrylate in vertebral hemangiomas.	AJNR Am J Neuroradiol	1996	17(1)	137-42
33	16418378	Cronqvist M, Wirestam R, Ramgren B, Brandt L, Romner B, Nilsson O, Saveland H, Holtas S, Larsson EM	Endovascular treatment of intracerebral arteriovenous malformations: procedural safety, complications, and results evaluated by MR imaging, including diffusion and perfusion imaging	AJNR Am J Neuroradiol	2006	27(1)	162-76
34	16586138	Cullen S, Alvarez H, Rodesch G, Lasjaunias P	Spinal arteriovenous shunts presenting before 2 years of age: analysis of 13 cases.	Childs Nerv Syst	2006	22(9)	1103-10
35	3835173	Cylwik B, Darewicz J, Karasewicz B	Morphometric and histological examinations of dog kidneys after embolization of the renal artery with the cyanoacrylic glue "Chirucoll-Polfa".	Int Urol Nephrol	1985	17(4)	303-9
36	19153743	de Baere T, Denys A, Paradis V	Comparison of four embolic materials for portal vein embolization: experimental study in pigs.	Eur Radiol	2009	19(6)	1435-42
37	8971833	Debrun GM, Aletich V, Ausman JI, Charbel F, Dujovny M	Embolization of the nidus of brain arteriovenous malformations with n-butyl cyanoacrylate.	Neurosurgery	1997	40(1)	112-20; discussion 120-1
38	8693978	DeMeritt JS, Pile-Spellman J, Mast H, Moohan N, Lu DC, Young WL, Hacin-Bey L, Mohr JP, Stein BM	Outcome analysis of preoperative embolization with N-butyl cyanoacrylate in cerebral arteriovenous malformations.	AJNR Am J Neuroradiol	1995	16(9)	1801-7
39	16371534	Denys A, Lacombe C, Schneider F, Madoff DC, Doenz F, Qanadli SD, Halkic N, Sauvanet A, Vilgrain V, Schnyder P	Portal vein embolization with N-butyl cyanoacrylate before partial hepatectomy in patients with hepatocellular carcinoma and underlying cirrhosis or advanced fibrosis.	J Vasc Interv Radiol	2005	16(12)	1667-74
40	15591428	Di Stefano DR, de Baere T, Denys A, Hakime A, Gorin G, Gillet M, Saric J, Trillaud H, Petit P, Bartoli JM, Elias D, Delbecq J	Preoperative percutaneous portal vein embolization: evaluation of adverse events in 188 patients.	Radiology	2005	234(2)	625-30
41	17962994	Donmez H, Mavili E, Toker B, Ozturk MH, Soylu SO, Hekimoglu B	Use of a balloon and N-butyl-2-cyanoacrylate for treatment of arteriovenous fistula.	Cardiovasc Intervent Radiol	2008	31 Suppl 2	S111-4
42	9502679	Dorffner R, Thurnher S, Prokesch R, Bankier A, Turetschek K, Schmidt A, Lammer J	Embolization of iatrogenic vascular injuries of renal transplants: immediate and follow-up results.	Cardiovasc Intervent Radiol	1998	21(2)	129-34

43	8441563	Friedman DM, Verma R, Madrid M, Wisoff JH, Berenstein A	Recent improvement in outcome using transcatheter embolization techniques for neonatal aneurysmal malformations of the vein of Galen.	Pediatrics	1993	91(3)	583-6
44	8584142	Frizzel RT, Fisher WS 3rd	Cure, morbidity, and mortality associated with embolization of brain arteriovenous malformations: a review of 1246 patients in 32 series over a 35-year period.	Neurosurgery	1995	37(6)	1031-9; discussion 1039-40
45	19800541	Frodsham A, Berkmen T, Ananian C, Fung A	Initial experience using N-butyl cyanoacrylate for embolization of lower gastrointestinal hemorrhage.	J Vasc Interv Radiol	2009	20(10)	1312-9
46	8456704	Garcia-Monaco R, Rodesch G, Alvarez H, Iizuka Y, Hui F, Lasjaunias P	Pseudoaneurysms within ruptured intracranial arteriovenous malformations: diagnosis and early endovascular management.	AJNR Am J Neuroradiol	1993	14(2)	315-21
47	17587078	Garg A, Banait S, Babhad S, Kanchankar N, Nimade P, Panchal C	Endovascular treatment of pseudoaneurysm of the common hepatic artery with intra-aneurysmal glue (N-butyl 2-cyanoacrylate) embolization.	Cardiovasc Intervent Radiol	2007	30(5)	999-1002
48	19458580	Gemmete JJ, Ansari SA, Gandhi DM	Endovascular techniques for treatment of carotid-cavernous fistula.	J Neuroophthalmol	2009	29(1)	62-71
49	19301354	Goel PK	Delayed and repeated cardiac tamponade following microleak in RCA successfully treated with intra arterial sterile glue injection.	Catheter Cardiovasc Interv	2009	73(6)	797-800
50	12063221	Gounis MJ, Lieber BB, Wakhloo AK, Siekmann R, Hopkins LN	Effect of glacial acetic acid and ethiodized oil concentration on embolization with N-butyl 2-cyanoacrylate: an in vivo investigation	AJNR Am J Neuroradiol	2002	23(6)	938-44
51	8871719	Gruber A, Mazal PR, Bavinzski G, Killer M, Budka H, Richling B	Repermeation of partially embolized cerebral arteriovenous malformations: a clinical, radiologic, and histologic study.	AJNR Am J Neuroradiol	1996	17(7)	1323-31
52	15814948	Guillevin R, Vallee JN, Cormier E, Lo D, Dormont D, Chiras J	N-butyl 2-cyanoacrylate embolization of spinal dural arteriovenous fistulae: CT evaluation, technical features, and outcome prognosis in 26 cases.	AJNR Am J Neuroradiol	2005	26(4)	929-35
53	16224095	Hartmann A, Mast H, Mohr JP, Pile-Spellman J, Connolly ES, Sciacca RR, Khaw A, Stapf C	Determinants of staged endovascular and surgical treatment outcome of brain arteriovenous malformations.	Stroke	2005	36(11)	2431-5
54	16484399	Heidenreich JO, Hartlieb S, Stendel R, Pietila TA, Schlattmann P, Wolf KJ, Schilling AM	Bleeding complications after endovascular therapy of cerebral arteriovenous malformations.	AJNR Am J Neuroradiol	2006	27(2)	313-6
55	15999214	Heye S, Maleux G, Wilms G	Pain experience during internal spermatic vein embolization for varicocele: comparison of two cyanoacrylate glues.	Eur Radiol	2006	16(1)	132-6
56	16227489	Hyodoh H, Hori M, Akiba H, Tamakawa M, Hyodoh K, Hareyama M	Peripheral vascular malformations: imaging, treatment approaches, and therapeutic issues.	Radiographics	2005	25 Suppl 1	S159-71
57	20646691	Igarashi S, Izuchi S, Ishizuka B, Yoshimatu M, Takizawa K	A case of pregnancy and childbirth after uterine artery embolization with a permanent embolic agent.	Fertil Steril	2011	95(1)	e9-11
58	20429002	Ikoma A, Kawai N, Sato M, Sonomura T, Minamiguchi H, Nakai M, Takasaka I, Nakata K, Sahara S, Sawa N, Shirai S, Mori I	Ischemic effects of transcatheter arterial embolization with N-butyl cyanoacrylate-lipiodol on the colon in a Swine model.	Cardiovasc Intervent Radiol	2010	33(5)	1009-15
59	11487676	Inaba Y, Arai Y, Matsueda K, Takeuchi Y, Aramaki T	Right gastric artery embolization to prevent acute gastric mucosal lesions in patients undergoing repeat hepatic arterial infusion chemotherapy.	J Vasc Interv Radiol	2001	12(8)	957-63
60	20591314	Inagawa S, Isoda H, Kougo H, Isogais S, Sakahara H	In-Vitro Simulation of NBCA Embolization for Arteriovenous Malformation.	Interv Neuroradiol	2003	9(4)	351-8
61	17497067	Chen Q, Tack C, Morcos M, Ruggiero M, Schlossberg P, Fogel J, Weng LJ, Farkas J	Embolotherapy of an arterioportal fistula.	Cardiovasc Intervent Radiol	2007	30(5)	1047-51
62	8781152	Jackson JE, Mansfield AO, Allison DJ	Treatment of high-flow vascular malformations by venous embolization aided by flow occlusion techniques.	Cardiovasc Intervent Radiol	1996	19(5)	323-8
63	17277563	Jae HJ, Chung JW, Jung AY, Lee W, Park JH	Transcatheter arterial embolization of nonvariceal upper gastrointestinal bleeding with N-butyl cyanoacrylate.	Korean J Radiol	2007	8(1)	48-56
64	18440466	Jae HJ, Chung JW, Kim HC, So YH, Lim HG, Lee W, Kim BK, Park JH	Experimental study on acute ischemic small bowel changes induced by superselective embolization of superior mesenteric artery branches with N-butyl cyanoacrylate.	J Vasc Interv Radiol	2008	19(5)	755-63
65	8416244	Jafar JJ, Davis AJ, Berenstein A, Choi IS, Kupersmith MJ	The effect of embolization with N-butyl cyanoacrylate prior to surgical resection of cerebral arteriovenous malformations.	J Neurosurg	1993	78(1)	60-9

66	20687857	Jeong CW, Park YH, Ku JH, Kwak C, Kim HH	Minimally invasive management of postoperative bleeding after radical prostatectomy: transarterial embolization.	J Endourol	2010	24(9)	1529-33
67	15593431	Karagoz T, Celiker A, Cil B, Cekirge S	Transcatheter embolization of a coronary fistula originating from the left anterior descending artery by using n-butyl 2-cyanoacrylate.	Cardiovasc Intervent Radiol	2004	27(6)	663-5
68	19922308	Kim GC, Bae JH, Ryeom HK	Percutaneous preoperative portal vein embolization using a combination of gelatin sponge and histoacryl glue.	Acta Radiol	2009	50(10)	1119-25
69	17911511	Kim KR, Shin JH, Song HY, Ko GY, Yoon HK, Sung KB, Ahn TY, Kim CW, Kim YH, Ko HK, Kwak BK, Shim HJ, Chung HH, Shin SW, Bae JJ	Treatment of high-flow priapism with superselective transcatheter embolization in 27 patients: a multicenter study.	J Vasc Interv Radiol	2007	18(10)	1222-6
70	16823305	Kim LJ, Albuquerque FC, Aziz-Sultan A, Spetzler RF, McDougall CG	Low morbidity associated with use of n-butyl cyanoacrylate liquid adhesive for preoperative transarterial embolization of central nervous system tumors.	Neurosurgery	2006	59(1)	98-104; discussion 98-104
71	19834414	Kim SH, Kwon OK, Jung CK, Kang HS, Oh CW, Han MH, Kim YS, Baik SK	Endovascular treatment of ruptured aneurysms or pseudoaneurysms on the collateral vessels in patients with moyamoya disease	Neurosurgery	2009	65(5)	1000-4; discussion 1004
72	15231881	Kish JW, Katz MD, Marx MV, Harrell DS, Hanks SE	N-butyl cyanoacrylate embolization for control of acute arterial hemorrhage.	J Vasc Interv Radiol	2004	15(7)	689-95
73	10789913	Kjellin IB, Boechat MI, Vinuela F, Westra SJ, Duckwiler GR	Pulmonary emboli following therapeutic embolization of cerebral arteriovenous malformations in children.	Pediatr Radiol	2000	30(4)	279-83
74	19258907	Konas E, Canter HI, Cil B, Peynircioglu B, Karabulut E, Tuncbilek G, Kayikcioglu A, Erk Y	Volumetric assessment of results of treatment of vascular malformations of the head and neck regions treated with a minimally invasive surgical technique after embolization procedure.	J Craniofac Surg	2009	20(2)	402-5
75	17554195	Krishnamoorthy T, Gupta AK, Rajan JE, Thomas B	Stroke from delayed embolization of polymerized glue following percutaneous direct injection of a carotid body tumor.	Korean J Radiol	2007	8(3)	249-53
76	19039269	Kwak HS, Han YM	Percutaneous transportal sclerotherapy with N-butyl-2-cyanoacrylate for gastric varices: technique and clinical efficacy.	Korean J Radiol	2008	9(6)	526-33
77	1794115	Lasjaunias P, Garcia-Monaco R, Rodesch G, Ter Brugge K, Zerah M, Tardieu M, de Victor D	Vein of Galen malformation. Endovascular management of 43 cases.	Childs Nerv Syst	1991	7(7)	360-7
78	17327553	Lee CW, Liu KL, Wang HP, Chen SJ, Tsang YM, Liu HM	Transcatheter arterial embolization of acute upper gastrointestinal tract bleeding with N-butyl-2-cyanoacrylate.	J Vasc Interv Radiol	2007	18(2)	209-16
79	18829241	Lee KB, Kim DI, Oh SK, Do YS, Kim KH, Kim YW	Incidence of soft tissue injury and neuropathy after embolo/sclerotherapy for congenital vascular malformation.	J Vasc Surg	2008	48(5)	1286-91
80	9848842	Lefkowitz M, Giannotta SL, Hieshima G, Higashida R, Halbach V, Dowd C, Teitelbaum GP	Embolization of neurosurgical lesions involving the ophthalmic artery.	Neurosurgery	1998	43(6)	1298-303
81	12717295	Levrier O, Mekkaoui C, Rolland PH, Murphy K, Cabrol P, Moulin G, Bartoli JM, Raybaud C	Efficacy and low vascular toxicity of embolization with radical versus anionic polymerization of n-butyl-2-cyanoacrylate (NBCA). An experimental study in the swine.	J Neuroradiol	2003	30(2)	95-102
82	18958391	Li MH, Tan HQ, Fang C, Zhu YQ, Wang W, Wang J, Cheng YS	Trans-arterial embolisation therapy of dural carotid-cavernous fistulae using low concentration n-butyl-cyanoacrylate.	Acta Neurochir (Wien)	2008	150(11)	1149-56; discussion 1156
83	20584493	Li TL, Fang B, He XY, Duan CZ, Wang QJ, Zhao QP, Huan QY	Complication analysis of 469 brain arteriovenous malformations treated with N-butyl cyanoacrylate.	Interv Neuroradiol	2005	11(2)	141-8
84	16091519	Lieber BB, Wakhloo AK, Siekmann R, Gounis MJ	Acute and chronic swine rete arteriovenous malformation models: effect of ethiodol and glacial acetic acid on penetration, dispersion, and injection force of N-butyl 2-cyanoacrylate.	AJNR Am J Neuroradiol	2005	26(7)	1707-14
85	17322071	Linfante I, Wakhloo AK	Brain aneurysms and arteriovenous malformations: advancements and emerging treatments in endovascular embolization	Stroke	2007	38(4)	1411-7
86	11314538	Liu D, Ma XC	Clinical study of embolization of arteriovenous malformation in the oral and maxillofacial region.	Chin J Dent Res	2000	3(3)	63-70
87	11155743	Liu HM, Huang YC, Wang YH	Embolization of cerebral arteriovenous malformations with n-butyl-2-cyanoacrylate.	J Formos Med Assoc	2000	99(12)	906-13
88	11110083	Liu HM, Huang YC, Wang YH, Tu YK	Transarterial embolisation of complex cavernous sinus dural arteriovenous fistulae with low-concentration cyanoacrylate.	Neuroradiology	2000	42(10)	766-70

89	17762046	Liu KL, Lee CW, Wang HP, Lin MT	Pre-operative localization and embolization for jejunal arteriovenous malformation with massive haemorrhage.	Br J Radiol	2007	80(956)	e159-61
90	20191075	Loffroy R, Rao P	Superselective transcatheter embolization to halt an arterial esophageal hemorrhage: is the use of N-butyl cyanoacrylate the best choice?	Korean J Radiol	2010	11(2)	249-50
91	20433277	Loh Y, Duckwiler GR	A prospective, multicenter, randomized trial of the Onyx liquid embolic system and N-butyl cyanoacrylate embolization of cerebral arteriovenous malformations. Clinical article.	J Neurosurg	2010	113(4)	733-41
92	18291502	Luo CB, Teng MM, Chang FC, Chang CY	Traumatic indirect carotid cavernous fistulas: angioarchitectures and results of transarterial embolization by liquid adhesives in 11 patients.	Surg Neurol	2009	71(2)	216-22
93	16908575	Luo CB, Teng MM, Chang FC, Chang CY	Transarterial balloon-assisted n-butyl-2-cyanoacrylate embolization of direct carotid cavernous fistulas.	AJNR Am J Neuroradiol	2006	27(7)	1535-40
94	16984839	Luo CB, Teng MM, Chang FC, Chang CY	Transarterial embolization of acute external carotid blowout syndrome with profuse oronasal bleeding by N-butyl-cyanoacrylate	Am J Emerg Med	2006	24(6)	702-8
95	16903644	Luo CB, Teng MM, Chang FC, Chang CY	Role of CT and endovascular embolization in managing pseudoaneurysms of the internal maxillary artery.	J Chin Med Assoc	2006	69(7)	310-6
96	15211128	Luo CB, Teng MM, Yen DH, Chang FC, Lirng JF, Chang CY	Endovascular embolization of recurrent traumatic carotid-cavernous fistulas managed previously with detachable balloons.	J Trauma	2004	56(6)	1214-20
97	20849797	Lv X, Jiang C, Li Y, Yang X, Wu Z	Clinical outcomes of endovascular treatment for intracranial pial arteriovenous fistulas.	World Neurosurg	2010	73(4)	385-90
98	20950972	Lv X, Wu Z, Jiang C, Li Y, Yang X, Zhang Y, Zhang N	Complication risk of endovascular embolization for cerebral arteriovenous malformation.	Eur J Radiol	2011	80(3)	776-9
99	14560210	Maldonado TS, Rosen RJ, Rockman CB, Adelman MA, Bajakian D, Jacobowitz GR, Riles TS, Lamparello PJ	Initial successful management of type I endoleak after endovascular aortic aneurysm repair with n-butyl cyanoacrylate adhesive	J Vasc Surg	2003	38(4)	664-70
100	10928522	Maleux G, Stockx L, Wilms G, Marchal G	Ovarian vein embolization for the treatment of pelvic congestion syndrome: long-term technical and clinical results.	J Vasc Interv Radiol	2000	11(7)	859-64
101	9504495	Mascalchi M, Cosottini M, Ferrito G, Salvi F, Nencini P, Quilici N	Posterior spinal artery infarct.	AJNR Am J Neuroradiol	1998	19(2)	361-3
102	9194436	Mathis JM, Evans AJ, DeNardo AJ, Kennett K, Crandall JR, Jensen ME, Dion JE	Hydrophilic coatings diminish adhesion of glue to catheter: an in vitro simulation of NBCA embolization.	AJNR Am J Neuroradiol	1997	18(6)	1087-91
103	16082687	Matos GF, Hammadeh R, Francois C, McCarthy R, Leya F	Controlled myocardial infarction induced by intracoronary injection of n-butyl cyanoacrylate in dogs: a feasibility study.	Catheter Cardiovasc Interv	2005	66(2)	244-53
104	19588193	Matsumoto K, Ushijima Y, Tajima T, Nishie A, Hirakawa M, Ishigami K, Yamaji Y, Honda H	Recanalization of splenic artery aneurysm after transcatheter arterial embolization using N-butyl cyanoacrylate.	Cardiovasc Intervent Radiol	2010	33(1)	187-90
105	17495057	Matsumoto T, Yamagami T, Kato T, Hirota T, Yoshimatsu R, Nishimura T	Transcatheter arterial embolisation of a ruptured pseudoaneurysm of the lingual artery with n-butyl cyanoacrylate.	Br J Radiol	2007	80(950)	e54-7
106	18773270	Matsuo T, Yanai H, Sugiu K, Tominaga S, Kimata Y	Orbital exenteration after transarterial embolization in a patient with Wyburn-Mason syndrome: pathological findings.	Jpn J Ophthalmol	2008	52(4)	308-13
107	17682819	Mavili E, Donmez H, Ozcan N, Akcali Y	Endovascular treatment of lower limb penetrating arterial traumas.	Cardiovasc Intervent Radiol	2007	30(6)	1124-9
108	19517386	Mavili E, Donmez H, Ozcan N, Sipahioglu M, Demirtas A	Transarterial embolization for renal arterial bleeding.	Diagn Interv Radiol	2009	15(2)	143-7
109	16484004	Mazal PR, Stichenwirth M, Gruber A, Sulzbacher I, Hainfellner JA	Tissue reactions induced by different embolising agents in cerebral arteriovenous malformations: a histopathological follow-up	Pathology	2006	38(1)	28-32
110	19853802	McConnell KA, Tjoumakaris SI, Allen J, Shapiro M, Bescke T, Jabbour PM, Rosenwasser RH, Nelson PK	Neuroendovascular management of dural arteriovenous malformations.	Neurosurg Clin N Am	2009	20(4)	431-9
111	12376769	Meisel HJ, Mansmann U, Alvarez H, Rodesch G, Brock M, Lasjaunias P	Effect of partial targeted N-butyl-cyano-acrylate embolization in brain AVM.	Acta Neurochir (Wien)	2002	144(9)	879-87; discussion 888
112	11013105	Miyachi S, Negoro M, Okamoto T, Kobayashi T, Kida Y, Tanaka T, Yoshida J	Embolisation of cerebral arteriovenous malformations to assure successful subsequent radiosurgery.	J Clin Neurosci	2000	7 Suppl 1	82-5
113	11901011	Moo LR, Murphy KJ, Gailloud P, Tesoro M, Hart J	Tailored cognitive testing with provocative amobarbital injection preceding AVM embolization.	AJNR Am J Neuroradiol	2002	23(3)	416-21

114	16607543	Moore C, Murphy K, Gailloud P	Improved distal distribution of n-butyl cyanoacrylate glue by simultaneous injection of dextrose 5% through the guiding catheter: technical note.	Neuroradiology	2006	48(5)	327-32
115	20805650	Morihiro Y, Harada K, Kato S, Ishihara H, Shirao S, Nakayama H, Akimura T, Suzuki M	Delayed parenchymal hemorrhage following successful embolization of brainstem arteriovenous malformation. Case report	Neurol Med Chir (Tokyo)	2010	50(8)	661-4
116	17353327	Mounayer C, Hammami N, Pletin M, Spelle L, Benndorf G, Kessler I, Moret J	Nidal embolization of brain arteriovenous malformations using Onyx in 94 patients.	AJNR Am J Neuroradiol	2007	28(3)	518-23
117	19326974	Natarajan SK, Born D, Ghodke B, Britz GW, Sekhar LN	Histopathological changes in brain arteriovenous malformations after embolization using Onyx or N-butyl cyanoacrylate. Laboratory investigation.	J Neurosurg	2009	111(1)	105-13
118	12650420	Nelson PK, Russell SM, Woo HH, Alastra AJ, Vidovich DV	Use of a wedged microcatheter for curative transarterial embolization of complex intracranial dural arteriovenous fistulas: indications, endovascular technique, and outcome in 21 patients.	J Neurosurg	2003	98(3)	498-506
119	16370282	Niimi Y, Berenstein A, Fernandez PM, Brisman JL, Song JK	Pediatric nonvertebral paraspinous arteriovenous fistulas along the segmental nerve: clinical, imaging, and therapeutic considerations	J Neurosurg	2005	103(2 Suppl)	156-62
120	9092840	Niimi Y, Berenstein A, Setton A, Neophytides A	Embolization of spinal dural arteriovenous fistulae: results and follow-up.	Neurosurgery	1997	40(4)	675-82; discussion 682-3
121	8755084	Numan F, Cakirer S, Islak C, Ogut G, Kadioglu A, Cayan S, Tellaloglu S	Posttraumatic high-flow priapism treated by N-butyl-cyanoacrylate embolization.	Cardiovasc Intervent Radiol	1996	19(4)	278-80
122	18764752	Ohta T, Gomi M, Oowaki H, Ishikawa M	Chronic venous congestion following embolization of spinal dural arteriovenous fistula.	J Neurosurg Spine	2008	9(2)	186-90
123	10768756	Oowaki H, Matsuda S, Sakai N, Ohta T, Iwata H, Sadato A, Taki W, Hashimoto N, Ikada Y	Non-adhesive cyanoacrylate as an embolic material for endovascular neurosurgery.	Biomaterials	2000	21(10)	1039-46
124	15806431	Oran I, Parildar M, Derbent A	Ventricular/paraventricular small arteriovenous malformations: role of embolisation with cyanoacrylate.	Neuroradiology	2005	47(4)	287-94
125	12483381	Parildar M, Oran I, Memis A	Embolization of visceral pseudoaneurysms with platinum coils and N-butyl cyanoacrylate.	Abdom Imaging	2003	28(1)	36-40
126	19568464	Park JH, Kim HC, Chung JW, Jae HJ, Park JH	Transcatheter arterial embolization of arterial esophageal bleeding with the use of N-butyl cyanoacrylate.	Korean J Radiol	2009	10(4)	361-5
127	10069584	Paulsen RD, Steinberg GK, Norbash AM, Marcellus ML, Lopez JR, Marks MP	Embolization of rolandic cortex arteriovenous malformations.	Neurosurgery	1999	44(3)	479-84; discussion 484-6
128	7900592	Pelz DM, Lownie SP, Fox AJ, Hutton LC	Symptomatic pulmonary complications from liquid acrylate embolization of brain arteriovenous malformations.	AJNR Am J Neuroradiol	1995	16(1)	19-26
129	10647658	Peskircioglu L, Tekin I, Boyvat F, Karabulut A, Ozkardes H	Embolization of the deep dorsal vein for the treatment of erectile impotence due to veno-occlusive dysfunction.	J Urol	2000	163(2)	472-5
130	11487670	Pollak JS, White RI Jr	The use of cyanoacrylate adhesives in peripheral embolization.	J Vasc Interv Radiol	2001	12(8)	907-13
131	2550345	Ramond MJ, Valla D, Mosnier JF, Degott C, Bernuau J, Rueff B, Benhamou JP	Successful endoscopic obturation of gastric varices with butyl cyanoacrylate.	Hepatology	1989	10(4)	488-93
132	18572142	Razavi MK, Murphy K	Embolization of bronchial arteries with N-butyl cyanoacrylate for management of massive hemoptysis: a technical review.	Tech Vasc Interv Radiol	2007	10(4)	276-82
133	19669138	Rossi G, Rimondi E, Bartalena I, Gerardi A, Alberghini M, Staals EL, Errani C, Bianchi G, Toscano A, Mercuri M, Vanel D	Selective arterial embolization of 36 aneurysmal bone cysts of the skeleton with N-2-butyl cyanoacrylate.	Skeletal Radiol	2010	39(2)	161-7
134	11063114	Sadato A, Wakhloo AK, Hopkins LN	Effects of a mixture of a low concentration of n-butylcyanoacrylate and ethiodol on tissue reactions and the permanence of arterial occlusion after embolization.	Neurosurgery	2000	47(5)	1197-203; discussion 1204-5
135	16883157	Schirmer CM, Malek AM, Kwan ES, Hoit DA, Weller SJ	Preoperative embolization of hypervascular spinal metastases using percutaneous direct injection with n-butyl cyanoacrylate: technical case report.	Neurosurgery	2006	59(2)	E431-2; author reply E431-2
136	17507893	Serafin Z, Karolkiewicz M, Strzesniewski P, Lasek W, Bryczkowski M, Wolski Z	Palliative percutaneous kidney embolization with enbucrilate in patients with renal cell carcinoma: safety and symptom control.	Med Sci Monit	2007	13 Suppl 1	98-104

137	18026943	Sherif C, Gruber A, Bavinzski G, Standhardt H, Widhalm G, Gibson D, Richling B, Knosp E	Long-term outcome of a multidisciplinary concept of spinal dural arteriovenous fistulae treatment.	Neuroradiology	2008	50(1)	67-74
138	18729557	Shimohira M, Ogino H, Sasaki S, Ishikawa K, Koyama M, Watanabe K, Shibamoto Y	Transcatheter arterial embolization for segmental arterial mediolysis.	J Endovasc Ther	2008	15(4)	493-7
139	17609448	Shin TB, Yoon SK, Lee KN, Choi JS, Kim YH, Sung CG, Kim YJ, Kim CW	The role of pulmonary CT angiography and selective pulmonary angiography in endovascular management of pulmonary artery pseudoaneurysms associated with infectious lung diseases.	J Vasc Interv Radiol	2007	18(7)	882-7
140	20801681	Song HH, Won YD, Kim YJ	Transcatheter N-butyl cyanoacrylate embolization of pseudoaneurysms.	J Vasc Interv Radiol	2010	21(10)	1508-11
141	11158885	Song JK, Gobin YP, Duckwiler GR, Murayama Y, Frazee JG, Martin NA, Vinuela F	N-butyl 2-cyanoacrylate embolization of spinal dural arteriovenous fistulae.	AJNR Am J Neuroradiol	2001	22(1)	40-7
142	19478232	Starke RM, Komotar RJ, Otten ML, Hahn DK, Fischer LE, Hwang BY, Garrett MC, Sciacca RR, Sisti MB, Solomon RA, Lavine SD, Connolly ES, Meyers PM	Adjuvant embolization with N-butyl cyanoacrylate in the treatment of cerebral arteriovenous malformations: outcomes, complications, and predictors of neurologic deficits.	Stroke	2009	40(8)	2783-90
143	15947050	Stavropoulos SW, Kim H, Clark TW, Fairman RM, Velazquez O, Carpenter JP	Embolization of type 2 endoleaks after endovascular repair of abdominal aortic aneurysms with use of cyanoacrylate with or without coils.	J Vasc Interv Radiol	2005	16(6)	857-61
144	19695902	Stavropoulos SW, Park J, Fairman R, Carpenter J	Type 2 endoleak embolization comparison: translumbar embolization versus modified transarterial embolization.	J Vasc Interv Radiol	2009	20(10)	1299-302
145	6297733	Stoesslein F, Ditscherlein G, Romaniuk PA	Experimental studies on new liquid embolization mixtures (histoacryl-lipiodol, histoacryl-panthopaque).	Cardiovasc Intervent Radiol	1982	5(5)	264-7
146	13679265	Suh DC, Kim KS, Lim SM, Shi HB, Choi CG, Lee HK, Seo DM	Technical feasibility of embolizing aneurysms with glue (N-butyl 2-cyanoacrylate): experimental study in rabbits.	AJNR Am J Neuroradiol	2003	24(8)	1532-9
147	10954280	Suh DC, Shi HB, Park SS, Lee MS, Choi HY	Change of spontaneous reaction of glue and lipiodol mixture during embolization after the addition of tungsten powder: in vitro study.	AJNR Am J Neuroradiol	2000	21(7)	1277-9
148	18375298	Sze DY, Kao JS, Frisoli JK, McCallum SW, Kennedy WA 2nd, Razavi MK	Persistent and recurrent postsurgical varicoceles: venographic anatomy and treatment with N-butyl cyanoacrylate embolization.	J Vasc Interv Radiol	2008	19(4)	539-45
149	11818941	Tan YM, Goh KL, Kamarulzaman A, Tan PS, Ranjeev P, Salem O, Vasudevan AE, Rosaida MS, Rosmawati M, Tan JH	Multiple systemic embolisms with septicemia after gastric variceal obliteration with cyanoacrylate.	Gastrointest Endosc	2002	55(2)	276-8
150	12525587	Tanaka T, Arai Y, Inaba Y, Matsueda K, Aramaki T, Takeuchi Y, Kichikawa K	Radiologic placement of side-hole catheter with tip fixation for hepatic arterial infusion chemotherapy.	J Vasc Interv Radiol	2003	14(1)	63-8
151	15137598	Taylor CL, Dutton K, Rappard G, Pride GL, Replogle R, Purdy PD, White J, Giller C, Kopitnik TA Jr, Samson DS	Complications of preoperative embolization of cerebral arteriovenous malformations.	J Neurosurg	2004	100(5)	810-2
152	8183458	Teng MM, Chen CC, Lirng JF, Chen SS, Lee LS, Chang T	N-butyl-2-cyanoacrylate for embolisation of carotid aneurysm.	Neuroradiology	1994	36(2)	144-7
153	20437138	Tokuda T, Tanigawa N, Kariya S, Komemushi A, Nomura M, Suzuki S, Nakatani M, Yagi R, Sawada S	Pancreatitis after transcatheter embolization of a splenic aneurysm.	Jpn J Radiol	2010	28(3)	239-42
154	19929299	Tokuda T, Tanigawa N, Shomura Y, Kariya S, Kojima H, Komemushi A, Shiraishi T, Sawada S	Transcatheter embolization for peripheral pseudoaneurysms with n-butyl cyanoacrylate.	Minim Invasive Ther Allied Technol	2009	18(6)	361-5
155	19713127	Toyoda H, Kumada T, Sone Y, Isogai M, Kaneoka Y	Late-onset colonic occlusion after emergent selective embolization of sigmoid artery with N-butyl cyanoacrylate for life-threatening traumatic bleeding.	J Vasc Interv Radiol	2009	20(10)	1376-9
156	8742922	Toyoda H, Nakano S, Kumada T, Takeda I, Sugiyama K, Osada T, Kiriya S	Estimation of usefulness of N-butyl-2-cyanoacrylate-lipiodol mixture in transcatheter arterial embolization for urgent control of life-threatening massive bleeding from gastric or duodenal ulcer.	J Gastroenterol Hepatol	1996	11(3)	252-8
157	7872479	Tranbahuy P, Borsik M, Herman P, Wassef M, Casasco A	Direct intratumoral embolization of juvenile angiofibroma.	Am J Otolaryngol	1994	15(6)	429-35
158	17264002	Tulsyan N, Kashyap VS, Greenberg RK, Sarac TP, Clair DG, Pierce G, Ouriel K	The endovascular management of visceral artery aneurysms and pseudoaneurysms.	J Vasc Surg	2007	45(2)	276-83; discussion 283
159	6976126	Turner WW Jr, Ellman BA	Transhepatic embolization in patients with acute variceal hemorrhage.	Am J Surg	1981	142(6)	731-4

160	18728607	Velat GJ, Reavey-Cantwell JF, Siström C, Smullen D, Fautheree GL, Whiting J, Lewis SB, Mericle RA, Firment CS, Hoh BL	Comparison of N-butyl cyanoacrylate and onyx for the embolization of intracranial arteriovenous malformations: analysis of fluoroscopy and procedure times.	Neurosurgery	2008	63(1 Suppl 1)	ONS73-8; discussion ONS78-80
161	16026434	Venkatesh SK, Kumar S, Bajjal SS, Phadke RV, Kathuria MK, Gujral RB	Endovascular management of pseudoaneurysms of the splenic artery: experience with six patients.	Australas Radiol	2005	49(4)	283-8
162	3900798	Vinters HV, Galil KA, Lundie MJ, Kaufmann JC	The histotoxicity of cyanoacrylates. A selective review.	Neuroradiology	1985	27(4)	279-91
163	16091518	Wakhloo AK, Lieber BB, Siekmann R, Eber DJ, Gounis MJ	Acute and chronic swine rete arteriovenous malformation models: hemodynamics and vascular remodeling.	AJNR	2005	26(7)	1702-6
164	16155130	Wakhloo AK, Perlow A, Linfante I, Sandhu JS, Cameron J, Troffkin N, Schenck A, Schatz NJ, Tse DT, Lam BL	Transvenous n-butyl-cyanoacrylate infusion for complex dural carotid cavernous fistulas: technical considerations and clinical outcome.	AJNR Am J Neuroradiol	2005	26(8)	1888-97
165	3485420	Waltman AC, Luers PR, Athanasoulis CA, Warshaw AL	Massive arterial hemorrhage in patients with pancreatitis. Complementary roles of surgery and transcatheter occlusive techniques.	Arch Surg	1986	121(4)	439-43
166	14758951	Wang YC, Wong HF, Yeh YS	Intracranial pial arteriovenous fistulas with single-vein drainage. Report of three cases and review of the literature.	J Neurosurg	2004	100(2 Suppl Pediatrics)	201-5
167	7793368	Wikholm G	Occlusion of cerebral arteriovenous malformations with N-butyl cyanoacrylate is permanent.	AJNR Am J Neuroradiol	1995	16(3)	479-82
168	7542430	Winkelbauer FW, Niederle B, Pietschmann F, Thurnher S, Wildling R, Prokesch R, Lammer J	Hepatic artery embolotherapy of hepatic metastases from carcinoid tumors: value of using a mixture of cyanoacrylate and ethiodized oil.	AJR Am J Roentgenol	1995	165(2)	323-7
169	8591620	Winkelbauer FW, Niederle B, Graf O, Prokesch R, Thurnher S, Wildling R, Lammer J	Malignant insulinoma: permanent hepatic artery embolization of liver metastases—preliminary results.	Cardiovasc Intervent Radiol	1995	18(6)	353-9
170	9395814	Wong SH, Tan J, Yeo TT, Ong PL, Hui F	Surgical excision of intracranial arteriovenous malformations after preoperative embolisation with N-butylcyanoacrylate.	Ann Acad Med Singapore	1997	26(4)	475-80
171	11593514	Wu Z, Wang C, Yang X, Sun Y, Zhang Y, Li Y, Jiang C, Liu Y	Endovascular embolization of traumatic carotid cavernous fistulas.	Chin Med J (Engl)	1999	112(5)	433-7
172	14739309	Yamagami T, Kato T, Iida S, Tanaka O, Nishimura T	Value of transcatheter arterial embolization with coils and n-butyl cyanoacrylate for long-term hepatic arterial infusion chemotherapy.	Radiology	2004	230(3)	792-802
173	11870447	Yamagami T, Nakamura T, Yamazaki T, Iida S, Kato T, Nishimura T	Catheter-tip fixation of a percutaneously implanted port-catheter system to prevent dislocation.	Eur Radiol	2002	12(2)	443-9
174	10693716	Yamakado K, Nakatsuka A, Tanaka N, Takano K, Matsumura K, Takeda K	Transcatheter arterial embolization of ruptured pseudoaneurysms with coils and n-butyl cyanoacrylate.	J Vasc Interv Radiol	2000	11(1)	66-72
175	20670552	Yokouchi T, Iwabuchi S, Tomiyama A, Samejima H, Ogata N, Goto K	Embolization of Scalp AVF.	Interv Neuroradiol	1999	5(Suppl 1)	121-6
176	20431886	Yonemitsu T, Kawai N, Sato M, Sonomura T, Takasaka I, Nakai M, Minamiguchi H, Sahara S, Iwasaki Y, Naka T, Shinozaki M	Comparison of Hemostatic Durability between N-Butyl Cyanoacrylate and Gelatin Sponge Particles in Transcatheter Arterial Embolization for Acute Arterial Hemorrhage in a Coagulopathic Condition in a Swine Model.	Cardiovasc Intervent Radiol	2010	33(6)	1192-7
177	19643634	Yonemitsu T, Kawai N, Sato M, Tanihata H, Takasaka I, Nakai M, Minamiguchi H, Sahara S, Iwasaki Y, Shima Y, Shinozaki M, Naka T, Shinozaki M	Evaluation of transcatheter arterial embolization with gelatin sponge particles, microcoils, and n-butyl cyanoacrylate for acute arterial bleeding in a coagulopathic condition.	J Vasc Interv Radiol	2009	20(9)	1176-87
178	15313697	Yu SC, Chan MS, Lam JM, Tam PH, Poon WS	Complete obliteration of intracranial arteriovenous malformation with endovascular cyanoacrylate embolization: initial success and rate of permanent cure.	AJNR Am J Neuroradiol	2004	25(7)	1139-43
179	22037708	Morishita H, Yamagami T, Takeuchi Y, et al	a new flow control technique using diluted epinephrine in the n-butyl-2-cyanoacrylate embolization of visceral artery pseudoaneurysms secondary to chronic pancreatitis	CVIR	2012	35(4)	932-7
180	22024120	Morishita H, Yamagami T, Takeuchi Y, et al	use of N-butyl-2-cyanoacrylate for transcatheter arterial embolization of renal arteries in patients with polycystic kidney disease	JVIR	2011	22	1631-1633
181	19238484	Takizawa K, Shimamoto H, Ogawa Y, et al	Development of a new subclavian arterial infusion chemotherapy method for locally or recurrent advanced breast cancer using an implanted catheter-port system after redistribution of arterial tumor supply	CVIR	2009	32 (5)	1059-66