

Article type	Article title	Corresponding author	Year	Volume	Issue	First page	Last page	URL
Original Article	Pericardiectomy for constrictive pericarditis at a single Japanese center: 20 years of experience	Satsuki Fukushima	2022	70	5	430	438	https://link.springer.com/article/10.1007/s11748-021-01718-x
Original Article	Predictive value of neutrophil to lymphocyte ratio on acute kidney injury after on-pump coronary artery bypass: a retrospective, single-center study	Tian Ming	2022	70	7	624	633	https://link.springer.com/article/10.1007/s11748-022-01772-z
Original Article	Immunocompetent cells in durable ventricular assist device-implanted non-ischaemic dilated cardiomyopathy	Satsuki Fukushima	2022	70	8	685	693	https://link.springer.com/article/10.1007/s11748-022-01773-y
Original Article	Mid-term results of mitral valve reconstruction with autologous pericardial patch for active infective endocarditis with extensive leaflet destruction	Hirokuni Arai	2022	70	8	694	704	https://link.springer.com/article/10.1007/s11748-022-01776-9
Original Article	Hyperlactatemia as a prognostic indicator for contemporary left ventricular assist device implantation	Arman Kilic	2022	70	8	705	713	https://link.springer.com/article/10.1007/s11748-022-01778-7
Original Article	Combined cardiac surgery procedures and liver transplant: a single-center experience	Samuel Jacob	2022	70	8	714	720	https://link.springer.com/article/10.1007/s11748-022-01783-w
Original Article	Effectiveness of early rehabilitation following aortic surgery: a nationwide inpatient database study	Hiroyuki Ohbe	2022	70	8	721	729	https://link.springer.com/article/10.1007/s11748-022-01786-7
Original Article	Mitral valve surgery for atrial functional mitral regurgitation: predicting recurrent mitral regurgitation and mid-term outcome	Naonori Kawamoto	2022	70	9	761	769	https://link.springer.com/article/10.1007/s11748-022-01793-8
Original Article	Helpfulness of the liver disease scores in cardiac surgery for cirrhotic patients	Alexandre Sebestyen	2022	70	9	770	778	https://link.springer.com/article/10.1007/s11748-022-01797-4
Original Article	Circular RNA circ_0001445 alleviates the ox-LDL-induced endothelial injury in human primary aortic endothelial cells through regulating ABCG1 via acting as a sponge of miR-208b-5p	Lixia Yang	2022	70	9	779	792	https://link.springer.com/article/10.1007/s11748-022-01799-2
Original Article	Outcomes of loop technique with ring annuloplasty: a > 10-year experience	Akimasa Morisaki	2022	70	9	793	803	https://link.springer.com/article/10.1007/s11748-022-01804-8
Original Article	Contemporary surgical management of complete atrioventricular septal defect with tetralogy of Fallot in Japan	Ai Sugimoto	2022	70	10	835	841	https://link.springer.com/article/10.1007/s11748-022-01809-3
Original Article	Safety of retrograde cerebral perfusion under moderate hypothermia for hemiarach replacement	Yoshinori Nakahara	2022	70	10	842	849	https://link.springer.com/article/10.1007/s11748-022-01814-6
Original Article	Isolated OPCABG in moderate chronic ischemic mitral regurgitation: is it a justifiable alternative approach ?	Pankaj Garg	2022	70	10	850	861	https://link.springer.com/article/10.1007/s11748-022-01822-6
Original Article	Radial artery vs saphenous vein grafts for sequential coronary bypass grafting as a second conduit for the left coronary territory	Norihiro Shiya	2022	70	10	862	870	https://link.springer.com/article/10.1007/s11748-022-01823-5
Original Article	Multicenter randomized study evaluating the outcome of ganglionated plexi ablation in maze procedure	Shun-Ichiro Sakamoto	2022	70	10	908	915	https://link.springer.com/article/10.1007/s11748-022-01820-8
Original Article	U-shaped association between elapsed time after surgery and the intensity of chronic postsurgical pain following cardiac surgery via thoracotomy: an observational cohort study	Kimito Minami	2022	70	11	931	938	https://link.springer.com/article/10.1007/s11748-022-01825-3
Original Article	Postoperative outcomes of valve reoperation are associated with the number of previous cardiac operations	Wataru Tatsuishi	2022	70	11	939	946	https://link.springer.com/article/10.1007/s11748-022-01828-0
Original Article	Transcatheter tricuspid valve-in-valve implantation with bioprosthetic balloon expandable valve	Ali-Mohammad Haji-Zeinali	2022	70	11	947	953	https://link.springer.com/article/10.1007/s11748-022-01829-z
Original Article	Single direct right axillary artery cannulation using a modified Seldinger technique in minimally invasive cardiac surgery	Yoshitsugu Nakamura	2022	70	11	954	961	https://link.springer.com/article/10.1007/s11748-022-01832-4
Original Article	Higher F-wave frequency associates with poor procedural success rate after Maze procedure	Rena Usui	2022	70	12	997	1004	https://link.springer.com/article/10.1007/s11748-022-01836-0
Original Article	Coronary ostial angioplasty for juvenile Takayasu arteritis involving the coronary artery using external iliac artery grafts	Tomohiro Iwakura	2022	70	12	1005	1008	https://link.springer.com/article/10.1007/s11748-022-01838-y
Original Article	Incidence and outcomes of surgical site infection after cardiovascular surgery (complete republication)	Wataru Tatsuishi	2022	70	12	1009	1014	https://link.springer.com/article/10.1007/s11748-022-01850-2
Original Article	Brachial plexus injury and upper rib fracture after median sternotomy in cardiac surgery	Ryo Okabayashi	2022	71	1	46	50	https://link.springer.com/article/10.1007/s11748-022-01848-w
Original Article	Long-term outcomes after aortic valve surgery in patients with aortic regurgitation with preserved ejection fraction and left ventricular dilation	Lin Han	2022	71	1	51	58	https://link.springer.com/article/10.1007/s11748-022-01849-9
Original Article	Differences of mid-term outcomes in debranching thoracic endovascular aortic repair between zone 0 and zone 1–2 landing	Hitoshi Matsuda	2022	71	1	59	66	https://link.springer.com/article/10.1007/s11748-022-01852-0
Original Article	Mechanical simulation study of reapproximated sternum rigidity comparing sternal fixation devices	Eiki Nagaoka	2022	71	2	98	103	https://link.springer.com/article/10.1007/s11748-022-01856-w
Original Article	Mitral valve repair with patch augmentation for atrial functional mitral regurgitation complicated with giant left atrium	Yosuke Takahashi	2022	71	2	104	112	https://link.springer.com/article/10.1007/s11748-022-01833-3

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Original Article	Study on the relationship among typhoon, climate change, and acute Stanford type A aortic dissection in southern of Zhejiang in China	Wenwen Du	2022	71	2	113	120	https://link.springer.com/article/10.1007/s11748-022-01837-z
Original Article	15-year outcomes of the JOCRI study (JOCRIED study): a randomised comparison of off-pump and on-pump multiple arterial coronary revascularisation	Satsuki Fukushima	2022	71	3	151	157	https://link.springer.com/article/10.1007/s11748-022-01854-y
Original Article	Symptom progression following on-pump versus off-pump coronary artery bypass graft surgery in patients with peripheral arterial disease	Mehmet Bahadir	2022	71	3	158	166	https://link.springer.com/article/10.1007/s11748-022-01855-x
Original Article	Surgical aortic valve replacement provides better left ventricular mass regression than transcatheter aortic valve replacement in patients with small aortic annulus	Kosaku Nishigawa	2022	71	3	167	174	https://link.springer.com/article/10.1007/s11748-022-01858-8
Original Article	Late outcomes of the frozen elephant trunk technique for acute and chronic aortic dissection: the angle change of the FROZENIX by “spring-back” force	Akira Furutachi	2022	71	4	216	224	https://link.springer.com/article/10.1007/s11748-022-01863-x
Original Article	Surgical outcomes in acute type A aortic dissection based on surgeon experience	Shigeru Hattori	2022	71	4	225	231	https://link.springer.com/article/10.1007/s11748-022-01864-w
Original Article	Association between frailty and long-term outcomes among patients undergoing thoracic aortic surgery via median sternotomy	Homare Okamura	2022	71	4	232	239	https://link.springer.com/article/10.1007/s11748-022-01865-9
Original Article	Shunt and pace: a novel experimental model of atrial fibrillation with a volume-loaded left atrium	Takashi Nitta	2022	71	5	272	279	https://link.springer.com/article/10.1007/s11748-022-01866-8
Original Article	HMOX1 silencing prevents doxorubicin-induced cardiomyocyte injury, mitochondrial dysfunction, and ferroptosis by downregulating CTGF	Min Fan	2022	71	5	280	290	https://link.springer.com/article/10.1007/s11748-022-01867-7
Original Article	Long-term outcomes of combined pulmonary endarterectomy and additional balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension	Hitoshi Matsuda	2022	71	5	291	298	https://link.springer.com/article/10.1007/s11748-022-01872-w
Original Article	Comparison of new-onset post-operative atrial fibrillation between patients receiving carvedilol and metoprolol after off-pump coronary artery bypass graft surgery	Caitlin Gibson	2022	71	5	299	305	https://link.springer.com/article/10.1007/s11748-022-01877-5
Original Article	Postoperative results of the in situ fenestrated open stent technique for acute aortic dissection type A	Shuheii Azuma	2022	71	6	331	338	https://link.springer.com/article/10.1007/s11748-022-01878-4
Original Article	Preemptive fenestrated endovascular repair aimed at perfusion of cervical branches in acute type B aortic dissection	Takao Ohki	2022	71	6	339	346	https://link.springer.com/article/10.1007/s11748-022-01886-4
Original Article	Clinical outcomes of continuous flow left ventricular assist device therapy as bridge to transplant strategy in muscular dystrophy: a single-center study	Takayuki Gyoten	2022	71	6	347	353	https://link.springer.com/article/10.1007/s11748-022-01889-1
Original Article	Long-term outcomes and prognostic factors after aortic valve surgery in patients with Takayasu arteritis	Chang-Keun Lee	2022	71	7	375	383	https://link.springer.com/article/10.1007/s11748-022-01893-5
Original Article	Outcomes of isolated CABG from “OPCAB favor institution” for patients with left ventricular dysfunction	Yoshifumi Itoda	2022	71	7	384	390	https://link.springer.com/article/10.1007/s11748-022-01894-4
Original Article	Long-term results of one-and-a-half ventricle repair with open azygos vein	Mitsuru Aoki	2023	71	7	391	395	https://link.springer.com/article/10.1007/s11748-022-01897-1
Original Article	Is the QRS duration useful for determining the optimal timing of pulmonary valve replacement after tetralogy of Fallot repair?	Junya Sugiura	2022	71	8	437	446	https://link.springer.com/article/10.1007/s11748-022-01898-0
Original Article	Comprehensive outcomes after primary arterial switch operation	Makoto Nakamura	2022	71	8	447	454	https://link.springer.com/article/10.1007/s11748-022-01902-7
Original Article	The effect of adding an open distal anastomosis to proximal aneurysm repairs in bicuspid aortopathy	Hiroo Takayama	2023	71	8	455	463	https://link.springer.com/article/10.1007/s11748-023-01907-w
Original Article	Outcomes of continuous flow left ventricular assist device after surgical left ventricular restoration	Takayuki Gyoten	2023	71	8	480	486	https://link.springer.com/article/10.1007/s11748-023-01917-8
Original Article	Outcomes of del Nido cardioplegia after surgical aortic valve replacement and coronary artery bypass grafting	Chikashi Nakai	2023	71	9	491	497	https://link.springer.com/article/10.1007/s11748-023-01914-x
Original Article	Propensity score analysis comparing off-pump versus on-pump coronary artery bypass grafting in older adults	Shinji Ogawa	2023	71	9	498	504	https://link.springer.com/article/10.1007/s11748-023-01915-w
Original Article	A sealant with a hemostatic mechanism independent of the blood coagulation function was effective in both elective and emergency surgery for thoracic aorta	Shigeki Morita	2023	71	9	505	514	https://link.springer.com/article/10.1007/s11748-023-01918-7
Original Article	Clinical outcome of intraoperative hemodialysis using a hemoconcentrator during cardiopulmonary bypass for dialysis-dependent patients	Satoshi Ohtsubo	2023	71	9	515	524	https://link.springer.com/article/10.1007/s11748-023-01922-x
Original Article	Late outcome of coronary artery bypass grafting with or without mitral repair for moderate or moderate–severe ischemic mitral regurgitation	Kaoru Matsuura	2023	71	10	543	551	https://link.springer.com/article/10.1007/s11748-023-01925-8

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Original Article	Blood flow characteristics of the bilateral internal thoracic artery: implications of optimal graft configuration for coronary artery bypass grafting to maximize blood supply	Takashi Kunihara	2023	71	10	552	560	https://link.springer.com/article/10.1007/s11748-023-01930-x
Original Article	The role and timing of cardiopulmonary bypass in the surgical repair of traumatic cardiac injury	Takuro Tsukube	2023	71	10	561	569	https://link.springer.com/article/10.1007/s11748-023-01931-w
Original Article	Postoperative nomogram and risk calculator of acute renal failure for Stanford type A aortic dissection surgery	Gaofeng Pan	2023	71	11	639	647	https://link.springer.com/article/10.1007/s11748-023-01935-6
Original Article	A prospective randomized controlled study to assess the effectiveness of super FIXSORB WAVE® for sternal stabilization after sternotomy	Hirokuni Arai	2023	71	11	665	673	https://link.springer.com/article/10.1007/s11748-023-01928-5
Original Article	Impact of sarcopenia on early and mid-term outcomes of surgery for acute type A aortic dissection in octogenarians	Satoru Wakasa	2023	71	11	674	680	https://link.springer.com/article/10.1007/s11748-023-01932-9
Original Article	Prognostic value of TCBI for short-term outcomes in ATAD patients undergoing surgery	Xilong Lang	2023	71	12	685	691	https://link.springer.com/article/10.1007/s11748-023-01949-0
Original Article	Short- and Midterm outcomes of modified robotic tricuspid annuloplasty for secondary tricuspid regurgitation	Satoshi Kainuma	2023	71	12	692	699	https://link.springer.com/article/10.1007/s11748-023-01950-7
Original Article	Ultrasonic scalpel versus electrocautery for internal mammary artery harvesting: a meta-analysis	Vakhtang Tchantchaleishvili	2023	71	12	723	729	https://link.springer.com/article/10.1007/s11748-023-01943-6
Original Article	Ultrasound-guided erector spinae plane block in coronary artery bypass surgery: the role of local anesthetic volume—a prospective, randomized study	Muhammed Aydin	2023	72	1	1	7	https://link.springer.com/article/10.1007/s11748-023-01953-4
Original Article	Investigation of real-world heparin resistance and anticoagulation management prior to cardiopulmonary bypass: report from a nationwide survey by the Japanese Association for Thoracic Surgery heparin resistance working group	Yoshikatsu Saiki	2023	72	1	8	14	https://link.springer.com/article/10.1007/s11748-023-01936-5
Original Article	Thromboelastographic evaluation after cardiac surgery optimizes transfusion requirements in the intensive care unit: a single-center retrospective cohort study using an inverse probability weighting method	Takahiro Tamura	2023	72	1	15	23	https://link.springer.com/article/10.1007/s11748-023-01941-8
Original Article	Bioprosthetic versus mechanical valves for mitral valve replacement in patients < 70 years: an updated pairwise meta-analysis	Adham Ahmed	2023	72	2	95	103	https://link.springer.com/article/10.1007/s11748-023-01956-1
Original Article	Influence of preoperative and intraoperative factors on recovery after aortic root surgery	Hiroo Takayama	2023	72	2	104	111	https://link.springer.com/article/10.1007/s11748-023-01957-0
Original Article	Surgical treatment of primary cardiac tumors in children	Jian Fu	2023	72	2	112	120	https://link.springer.com/article/10.1007/s11748-023-01958-z
Original Article	Experimental observation on a new chimney-shaped mechanical valve completely implanted above the mitral annulus in animals	Guokun Wang	2023	72	3	149	156	https://link.springer.com/article/10.1007/s11748-023-01959-y
Original Article	A comparison between stand-alone left atrial appendage occlusion and resection as a method of preventing cardiogenic thromboembolic stroke	Akihiro Yoshimoto	2023	72	3	157	163	https://link.springer.com/article/10.1007/s11748-023-01961-4
Original Article	Blood flow analysis with computational fluid dynamics in the left atrium after left atrial plication: a prospective study	Takashi Enomoto	2023	72	4	209	215	https://link.springer.com/article/10.1007/s11748-023-01963-2
Original Article	Outcomes of ascending aorta and partial arch replacement with entry resection for DeBakey type I acute aortic dissection	Naoto Fukunaga	2023	72	4	216	224	https://link.springer.com/article/10.1007/s11748-023-01966-z
Original Article	Watch-and-wait strategy for selected patients with type A intramural hematoma	Tadashi Kitamura	2023	72	4	225	231	https://link.springer.com/article/10.1007/s11748-023-01967-y
Original Article	Risk factor analysis for aortic dissection after aortic valve replacement in patients with tricuspid aortic valve	Masashi Kawamura	2023	72	5	305	310	https://link.springer.com/article/10.1007/s11748-023-01970-3
Original Article	Real-world safety and effectiveness of inhaled nitric oxide therapy for pulmonary hypertension during the perioperative period of cardiac surgery: a post-marketing study of 2817 patients in Japan	Emi Matsugi	2023	72	5	311	323	https://link.springer.com/article/10.1007/s11748-023-01971-2
Original Article	Safety and efficacy of aortic valvuloplasty for de novo aortic insufficiency in patients with a left-ventricular assist device	Satsuki Fukushima	2023	72	5	324	330	https://link.springer.com/article/10.1007/s11748-023-01974-z
Original Article	Cardioprotective effect of St. Thomas' Hospital No. 2 solution against age-related changes in aquaporin-7-deficient mice	Masahiro Fujii	2023	72	6	368	375	https://link.springer.com/article/10.1007/s11748-023-01975-y
Original Article	Hemodynamic predictors of negative false lumen remodeling after frozen elephant trunk for acute aortic dissection	Yusuke Takei	2023	72	6	376	386	https://link.springer.com/article/10.1007/s11748-023-01984-x
Original Article	Comprehensive multi-modality treatment of thoracic aorta pseudoaneurysms: a single-center experience	Sandra Recicarova	2023	72	6	387	394	https://link.springer.com/article/10.1007/s11748-023-01986-9
Original Article	Low-flow perfusion technique for shaggy aortic arch	Takashi Shuto	2023	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-023-01988-7
Original Article	Predictors of short-term survival in cardiac valvular surgery patients with intra-aortic balloon pump implantation	Zhongkai Wu	2023	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-023-01989-6

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Original Article	Multivariate analysis of the factors affecting medical students' decision to join the cardiovascular surgery department	Tomohiro Nakajima	2023	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-023-01995-8
Original Article	Impact of prolonged cardiopulmonary resuscitation on outcomes in heart transplantation with higher risk donor heart	Takayuki Gyoten	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-023-01990-z
Original Article	Upper partial sternal split for pediatric cardiac surgery	Prem Venugopal	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-023-01996-7
Original Article	Acquired von Willebrand syndrome and post-operative drainage: a comparison of patients with aortic stenosis versus coronary artery disease	Masa Petrovic	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-023-02007-5
Original Article	Prognosis after non-surgical therapy for acute type A aortic dissection	Hitoshi Matsuda	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02009-x
Original Article	Early thrombus formation including hypo-attenuated leaflet thrombosis after surgical bioprosthetic aortic valve replacement	Takanori Kono	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02010-4
Original Article	Descriptive analysis of long-term survival after aortic valve replacement for dialysis patients: importance of renal pathologies and age	Kaoru Matsuura	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02011-3
Original Article	Right transaxillary transcatheter aortic valve replacement is comparable to left despite challenges	Yong Zhan	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02015-z
Original Article	Effect of preoperative vitamin D on postoperative atrial fibrillation incidence after coronary artery bypass grafting	Arezoo Hayati	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02020-2
Original Article	Autologous cell salvage in off-pump coronary artery bypass surgery reduces post-operative complications: a retrospective weighted-matching analysis	Md Islam	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02012-2
Original Article	Sequential composite BIMA grafting for 3v-CAD: factors that predict successful outcome of the one-inflow and two-inflow revascularization techniques	Terézia András	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02022-0
Original Article	Safety and outcomes of surgical treatment of atrial fibrillation in emergency surgery cases	Shun-Ichiro Sakamoto	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02027-9
Original Article	Surgical outcomes of the systemic-to-pulmonary artery shunt: risk factors of post-operative acute events and effectiveness of regulation of pulmonary blood flow with metal clips	Shuichi Shiraishi	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02028-8
Original Article	Predictors of late outcomes after concomitant tricuspid valve repair with left-sided valve surgery	Naonori Kawamoto	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02033-x
Original Article	Simultaneous transapical transcatheter aortic and mitral valve replacement in patients with severe valve dysfunction: initial experience	Haibo Zhang	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02026-w
Original Article	Compression brace for secondary pectus carinatum in infants and toddlers undergoing cardiac surgery with midline sternotomy	Shintaro Nemoto	2024	N/A	N/A	N/A	N/A	https://link.springer.com/article/10.1007/s11748-024-02030-0