

| Field | Classification | Article type     | Article title                                                                                                                                                                                                                                                                   | Author              | Year | Vol | Issue | Page    |
|-------|----------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------|-----|-------|---------|
| Heart | その他(大静脈)       | Original Article | <a href="#">Direct reopening of the occluded hepatic veins of Budd–Chiari syndrome: verification of our operative method by the perioperative course of esophageal varices</a>                                                                                                  | Yukio Kuniyoshi     | 2018 | 66  | 1     | 27–32   |
| Heart | 大血管            | Original Article | <a href="#">Efficacy of modified less invasive quick replacement using mild hypothermic arrest and partial retrograde cerebral perfusion for type A acute aortic dissection</a>                                                                                                 | Mitsumasa Hata      | 2018 | 66  | 1     | 33–37   |
| Heart | 大血管            | Original Article | <a href="#">Total aortic arch replacement using frozen elephant trunk technique with J Graft Open Stent Graft for distal aortic arch aneurysm</a>                                                                                                                               | Shigeki Koizumi     | 2018 | 66  | 2     | 91–94   |
| Heart | 心膜             | Original Article | <a href="#">Effectiveness and long-term outcomes of surgical intervention for constrictive epicardium in constrictive pericarditis</a>                                                                                                                                          | Yangsin Lee         | 2018 | 66  | 3     | 137–144 |
| Heart | 先天性            | Original Article | <a href="#">Development of a simple device enabling percutaneous flow regulation for a small vascular graft for a Blalock–Taussig shunt capable of flow regulation: complete translation of a review article originally published in Pediatric Cardiology and Cardiac Surge</a> | Yoshikazu Motohashi | 2018 | 66  | 3     | 145–149 |
| Heart | 周術期管理          | Original Article | <a href="#">Spike in glucose levels after reperfusion during aortic surgery: assessment by continuous blood glucose monitoring using artificial endocrine pancreas</a>                                                                                                          | Koji Kawahito       | 2018 | 66  | 3     | 150–154 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Annular dynamics of memo3D annuloplasty ring evaluated by 3D transesophageal echocardiography</a>                                                                                                                                                                   | Hiroyuki Nishi      | 2018 | 66  | 4     | 214–219 |
| Heart | 大血管            | Original Article | <a href="#">Total arch replacement versus debranching thoracic endovascular aortic repair for aortic arch aneurysm: what indicates a high-risk patient for arch repair in octogenarians?</a>                                                                                    | Yoshimasa Seike     | 2018 | 66  | 5     | 263–269 |
| Heart | 弁膜症(A)         | Original Article | <a href="#">Twenty-year experience with the Konno operation: Konno incision does not impair LV function</a>                                                                                                                                                                     | Yuichi Matsuzaki    | 2018 | 66  | 5     | 270–275 |
| Heart | 大血管            | Original Article | <a href="#">Surgical management of extensive dissecting thoracic aortic aneurysm via the semi-clamshell approach</a>                                                                                                                                                            | Hiroshi Furukawa    | 2018 | 66  | 6     | 315–320 |

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| Heart | 心不全            | Original Article | <a href="#">Minimally invasive trans-mitral septal myectomy for diffuse-type hypertrophic obstructive cardiomyopathy</a>                                                                                              | Taichi Sakaguchi    | 2018 | 66  | 6     | 321–326 |
| Heart | 大血管            | Original Article | <a href="#">Early results of total arch replacement under partial sternotomy</a>                                                                                                                                      | Yosuke Inoue        | 2018 | 66  | 6     | 327–333 |
| Heart | 大血管            | Original Article | <a href="#">Suppressive effect of pitavastatin on aortic arch dilatation in acute stanford type B aortic dissection: analysis of STANP trial</a>                                                                      | Naoki Masaki        | 2018 | 66  | 6     | 334–343 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Late right ventricular performance after mitral valve repair assessed by exercise echocardiography</a>                                                                                                    | Sigurdur Ragnarsson | 2018 | 66  | 7     | 398–404 |
| Heart | 先天性            | Original Article | <a href="#">Conventional repair of total anomalous venous drainage without primary sutureless technique: surgical tips to prevent pulmonary vein obstruction</a>                                                      | Koichi Sugimoto     | 2018 | 66  | 7     | 405–410 |
| Heart | その他            | Original Article | <a href="#">The impact of junior surgical jobs in cardiothoracic surgery on career choice in the United Kingdom</a>                                                                                                   | Nathan Burnside     | 2018 | 66  | 7     | 411–414 |
| Heart | 冠動脈            | Original Article | <a href="#">Multiple coronary stenting negatively affects myocardial recovery after coronary bypass grafting</a>                                                                                                      | Shin Yajima         | 2018 | 66  | 8     | 446–455 |
| Heart | 心不全            | Original Article | <a href="#">Does cognition improve following LVAD implantation?</a>                                                                                                                                                   | Marykay A.Pavol     | 2018 | 66  | 8     | 456–463 |
| Heart | 大血管＋弁膜症(A)     | Original Article | <a href="#">Morphometrical and biomechanical analyses of a stentless bioprosthetic valve: an implication to avoid potential primary tissue failure</a>                                                                | Hiroki Takaya       | 2018 | 66  | 9     | 523–528 |
| Heart | 周術期管理          | Original Article | <a href="#">Preoperative nutritional status is associated with progression of postoperative cardiac rehabilitation in patients undergoing cardiovascular surgery</a>                                                  | Yasuhiro Arai       | 2018 | 66  | 11    | 632–640 |
| Heart | 心不全            | Original Article | <a href="#">Sustained release of basic fibroblast growth factor using gelatin hydrogel improved left ventricular function through the alteration of collagen subtype in a rat chronic myocardial infarction model</a> | Zipeng Li           | 2018 | 66  | 11    | 641–647 |

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| Heart | 弁膜症(A)         | Original Article | <a href="#">Early and mid-term results of isolated aortic valve neocuspidization in patients with aortic stenosis</a>                                                         | Yasunori Iida     | 2018 | 66  | 11    | 648-652 |
| Heart | 大血管            | Original Article | <a href="#">Repeat surgical intervention after aortic repair for acute Stanford type A dissection</a>                                                                         | Tadashi Kitamura  | 2018 | 66  | 12    | 692-699 |
| Heart | 弁膜症(A, MICS)   | Original Article | <a href="#">Stonehenge technique is associated with faster aortic clamp time in group of minimally invasive aortic valve replacement via right infra-axillary thoracotomy</a> | Masataka Yamazaki | 2018 | 66  | 12    | 700-706 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Mid-term results of mitral valve repair for ischemic mitral regurgitation adjusted according to the degree of remodeling progression</a>                          | Koji Furukawa     | 2018 | 66  | 12    | 707-715 |
| Heart | 大血管            | Original Article | <a href="#">Initial clinical evaluation of preoperative frailty in surgical patients with Stanford type A acute aortic dissection</a>                                         | Hiroshi Furukawa  | 2019 | 67  | 2     | 208-213 |
| Heart | その他(術後管理)      | Original Article | <a href="#">Analysis of the perioperative change in cognitive function of patients with risk factors for cognitive impairment in cardiovascular surgery</a>                   | Akihiro Yoshimoto | 2019 | 67  | 2     | 214-218 |
| Heart | 大血管            | Original Article | <a href="#">Anatomical variations of aortic arch vessels in Japanese patients with aortic arch disease</a>                                                                    | Yuki Ikeno        | 2019 | 67  | 2     | 219-226 |
| Heart | 大血管            | Original Article | <a href="#">Early and mid-term outcomes of simultaneous thoracic endovascular stent grafting and combined resection of thoracic malignancies and the aortic wall</a>          | Seijiro Sato      | 2019 | 67  | 2     | 227-233 |
| Heart | その他(手術手技)      | Original Article | <a href="#">Usefulness of sternal closure with bioresorbable plate in respiratory function after coronary artery bypass grafting</a>                                          | Kiyoshi Tamura    | 2019 | 67  | 3     | 277-282 |
| Heart | 弁膜症(A)         | Original Article | <a href="#">A running suture line for aortic valve replacement does not increase the rate of postoperative complete heart block</a>                                           | Ibrahim Sultan    | 2019 | 67  | 3     | 283-288 |
| Heart | 弁膜症(P)         | Original Article | <a href="#">Mid-term outcomes of mechanical pulmonary valve replacement: a single-institutional experience of 396 patients</a>                                                | Alwaleed Al-Dairy | 2019 | 67  | 3     | 289-296 |

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| Heart | 冠動脈            | Original Article | <a href="#">Off-pump coronary artery bypass in octogenarians: results of a statewide, matched comparison</a>                                                                                                                            | Alejandro Suarez-Pierre | 2019 | 67  | 4     | 355-362 |
| Heart | その他            | Original Article | <a href="#">Lanthanum carbonate, a phosphate binder, inhibits calcification of implanted aortic allografts in a rat model</a>                                                                                                           | Osamu Kinoshita         | 2019 | 67  | 5     | 413-419 |
| Heart | 大血管+弁膜症(A)     | Original Article | <a href="#">Long-term outcomes of Ross and Ross-Konno operations in patients under 15 years of age</a>                                                                                                                                  | Yuichi Matsuzaki        | 2019 | 67  | 5     | 420-426 |
| Heart | 弁膜症(IE)        | Original Article | <a href="#">Early surgery with aggressive surgical approach to improve 6-month outcomes in patients with active infective endocarditis: contribution of cerebral preoperative magnetic resonance imaging</a>                            | Masanori Nakamura       | 2019 | 67  | 5     | 427-435 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Mitral valve repair versus replacement with preservation of the entire subvalvular apparatus</a>                                                                                                                            | Eiri Kisamori           | 2019 | 67  | 5     | 436-441 |
| Heart | 弁膜症(A)         | Original Article | <a href="#">Feasibility of transcatheter prosthetic paravalvular leakage closure: a single-center, exploratory safety evaluation study of transcatheter closure of prosthetic paravalvular regurgitation in Japan (STOP PARA study)</a> | Takuya Hasegawa         | 2019 | 67  | 6     | 493-500 |
| Heart | 大血管            | Original Article | <a href="#">Surgical outcomes of acute type A aortic dissection in dialysis patients</a>                                                                                                                                                | Naoyuki Kimura          | 2019 | 67  | 6     | 501-509 |
| Heart | 弁膜症(A)         | Original Article | <a href="#">Outcomes after aortic valve replacement for aortic valve stenosis, with or without concomitant coronary artery bypass grafting</a>                                                                                          | Tohru Asai              | 2019 | 67  | 6     | 510-517 |
| Heart | その他(術後合併症)     | Original Article | <a href="#">Z-plasty as an alternative choice for the treatment of recurrent local sternal wound infections</a>                                                                                                                         | Emre Kubat              | 2019 | 67  | 6     | 518-523 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Transfer of a minimally invasive mitral valve repair program from a high-volume center to a very low volume center: how many cases are necessary to maintain acceptable results?</a>                                        | Hiroyuki Kamiya         | 2019 | 67  | 7     | 577-584 |

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| Heart | 弁膜症(M)         | Original Article | <a href="#">Mitral valve repair in infective endocarditis is not inferior to valve replacement: results from a Spanish nationwide prospective registry</a>                         | Gregorio Cuerpo   | 2019 | 67  | 7     | 585-593 |
| Heart | 大血管            | Original Article | <a href="#">Malperfusion in type A aortic dissection: results of emergency central aortic repair</a>                                                                               | Koji Kawahito     | 2019 | 67  | 7     | 594-601 |
| Heart | 大血管            | Original Article | <a href="#">Conservative treatment of type A aortic dissection following hybrid arch repair</a>                                                                                    | Tomo Yoshizumi    | 2019 | 67  | 7     | 602-607 |
| Heart | 冠動脈            | Original Article | <a href="#">Current mechanisms of low graft flow and conduit choice for the right coronary artery based on the severity of native coronary stenosis and myocardial flow demand</a> | Hiroyuki Nakajima | 2019 | 67  | 8     | 655-660 |
| Heart | 冠動脈            | Original Article | <a href="#">Predicted Risk of Mortality Score predicts 30-day readmission after coronary artery bypass grafting</a>                                                                | Joshua Rosenblum  | 2019 | 67  | 8     | 661-668 |
| Heart | 先天性            | Original Article | <a href="#">Neutrophil-lymphocyte ratio as a mortality predictor for Norwood stage I operations</a>                                                                                | Omer Savluk       | 2019 | 67  | 8     | 669-676 |
| Heart | 冠動脈            | Original Article | <a href="#">Intimal regeneration after coronary endarterectomy and onlay grafting in coronary artery bypass grafting</a>                                                           | Takayuki Okada    | 2019 | 67  | 8     | 677-683 |
| Heart | 弁膜症(T)         | Original Article | <a href="#">New insight into tricuspid valve anatomy from 100 hearts to reappraise annuloplasty methodology</a>                                                                    | Yoshito Sakon     | 2019 | 67  | 9     | 758-764 |
| Heart | 大血管            | Original Article | <a href="#">Treatment outcomes for acute type A aortic dissection with patent false lumen in patients over the age of 80</a>                                                       | Nobuo Kondo       | 2019 | 67  | 9     | 765-772 |
| Heart | 末梢血管           | Original Article | <a href="#">Minimally invasive treatment for isolated internal iliac artery aneurysms preserving superior gluteal artery flow</a>                                                  | Satoru Domoto     | 2019 | 67  | 10    | 835-840 |
| Heart | 冠動脈            | Original Article | <a href="#">Enhanced outcomes for coronary artery disease obtained by a multidisciplinary heart team approach</a>                                                                  | Manabu Yamasaki   | 2019 | 67  | 10    | 841-848 |

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| Heart | 弁膜症(A+M)       | Original Article | <a href="#">Risk factors for residual mitral regurgitation after aortic valve replacement in patients with severe aortic valve stenosis and moderate mitral regurgitation</a>                                                 | Yasushige Shingu    | 2019 | 67  | 10    | 849-854   |
| Heart | 弁膜症(A)         | Original Article | <a href="#">External suture annuloplasty for mild to moderate and moderate aortic regurgitation due to an isolated type Ic lesion</a>                                                                                         | Minoru Matsuhama    | 2019 | 67  | 10    | 855-860   |
| Heart | 周術期管理          | Original Article | <a href="#">Preoperative frailty is associated with progression of postoperative cardiac rehabilitation in patients undergoing cardiovascular surgery</a>                                                                     | Homare Okamura      | 2019 | 67  | 11    | 917-924   |
| Heart | 心不全            | Original Article | <a href="#">Significance of preoperative right ventricular function on mid-term outcomes after surgical ventricular restoration for ischemic cardiomyopathy</a>                                                               | Koji Furukawa       | 2019 | 67  | 11    | 925-933   |
| Heart | その他(術後合併症)     | Original Article | <a href="#">Efficacy of new multimodal preventive measures for post-operative deep sternal wound infection</a>                                                                                                                | Yasunobu Konishi    | 2019 | 67  | 11    | 934-940   |
| Heart | 先天性            | Original Article | <a href="#">Midterm results and risk factors of functional single ventricles with extracardiac total anomalous pulmonary venous connection</a>                                                                                | Kisabourou Sakamoto | 2019 | 67  | 11    | 941-948   |
| Heart | 周術期管理          | Original Article | <a href="#">Incidence of postoperative atrial fibrillation in transdermal <math>\beta</math>-blocker patch users is lower than that in oral <math>\beta</math>-blocker users after cardiac and/or thoracic aortic surgery</a> | Homare Okamura      | 2019 | 67  | 12    | 1007-1013 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Mid-term outcomes of simultaneous mitral valve repair in patients with mitral regurgitation and concomitant annulo-aortic ectasia</a>                                                                             | Yutaka Okita        | 2019 | 67  | 12    | 1014-1020 |
| Heart | 大血管            | Original Article | <a href="#">Midterm outcomes of thoracic endovascular repair for uncomplicated type B aortic dissection with double-barrel type</a>                                                                                           | Hitoshi Matsuda     | 2019 | 67  | 12    | 1021-1029 |
| Heart | 弁膜症(M)         | Original Article | <a href="#">Comparison between mitral valve repair and replacement in active infective endocarditis</a>                                                                                                                       | Thitipong Tepsuwan  | 2019 | 67  | 12    | 1030-1037 |
| Heart | 弁膜症(A)         | Original Article | <a href="#">Early outcomes of transcatheter aortic valve implantation for degenerated aortic bioprostheses in Japanese patients: insights from the AORTIC VIV study</a>                                                       | Tomoyuki Fujita     | 2019 | 67  | 12    | 1038-1047 |