

## LIST OF PRESENTATION IN THE OPEN CONGRESS

(First author only)

### A. International congress

1. **Kunihara T**, Yasuda K, Matsui Y, Murakami T, Watanabe M. Thoracoscopic Pericardiectomy for Chronic Effusive Pericarditis: A case report. The 3rd Annual Meeting of The Asian Society for Cardiovascular Surgery. Yokohama, 1995.2.14
2. **Kunihara T**, Shiiya N, Ishii K, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. Clinical results of total aortic arch replacement and concomitant repair of cardiac disease. The 2<sup>nd</sup> Congress of The Asian Vascular Society. Seoul, 1996.6.3
3. **Kunihara T**, Yasuda K, Sakuma M, Murashita T. An assessment of peripheral circulation by near-infrared spectrophotometry. The 38th annual world congress of international college of angiology. Köln, 1996.6.20
4. **Kunihara T**, Myojin K, Matano J, Murakami T, Yasuda K, Sakuma M, Matsui Y, Shiiya N. Intramural hematoma of the ascending aorta and aortic arch -its classification, management and outcome-. The 6th world congress of the international society of cardio-thoracic surgeons (ISCTS) and the 9th annual meeting of the ISCTS-Japan chapter. Hiroshima, 1996.7.22
5. **Kunihara T**, Ishii K, Murakami T, Shiiya N, Sasaki S, Murashita T, Matsui Y, Sakuma M, Myojin K, Yasuda K. Monitoring of cerebral metabolism by near-infrared spectroscopy and jugular venous oxygen saturation. The international symposium on current techniques for brain protection in aortic surgery. Osaka, 1996.9.16
6. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Sasaki S, Murashita T. The long-term results of aortoiliac occlusive disease (AIOD) according to its occlusive site. The 39th Annual World Congress of International College of Angiology. Istanbul, 1997.7.1
7. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S. Advances in surgical results for thoracoabdominal aortic aneurysm. The 13<sup>th</sup> biennial asian congress on thoracic & cardiovascular surgery. Sydney, 1997.10.15
8. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Kubota T. A Report of successful repair of three channeled dissection of descending aorta with transapical aortic cannulation, open proximal anastomosis, and a "Centipedal" circuit

for organ protection. The 6th Annual Meeting of The Asian Society for Cardiovascular Surgery. Tokyo, 1998.2.18

9. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Takigami K. Abdominal aortic aneurysms in the aged patients-analysis of risk factors in non-ruptured cases-. The 3<sup>rd</sup> congress of the asian vascular society. Beijing, 1998.5.8
10. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Hatta E, Miyatake T, Yamauchi H, Yoshimoto K. The Efficacy of Selective Cerebral Perfusion During Aortic Arch Replacement Evaluated by near-Infrared Spectrophotometry and Jugular Venous Oxygen Saturation. The 40th Annual World Congress International College of Angiology. Lisbon, 1998.6.28
11. **Kunihara T**, Yasuda K, Shimizu M, Imai T. Long-Term follow up of thromboangitis obliterans (TAO). The 18th World Congress of the International Union of Angiology. Tokyo, 1998.9.14
12. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S. Multiple organ protection during thoracoabdominal aortic operation using transapical aortic cannulation, open proximal anastomosis, and a "centipedal" circuit. The 18th World Congress of the International Union of Angiology. Tokyo, 1998.9.14
13. **Kunihara T**, Hatta E, Miyatake T, Kamikubo Y, Yamauchi H, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S. Cerebral metabolism during hypothermic circulatory arrest evaluated by near-infrared spectrophotometry. The 1st international symposium on medical near infrared spectroscopy. Tokyo, 1998.9.14
14. **Kunihara T**, Myojin K, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Fukada Y. The efficacy of near-infrared spectrophotometry in evaluating a severity and therapeutic effects in claudicants. The 41st Annual World Congress of International College of Angiology. Sapporo, 1999.7.3
15. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Miyatake T, Mafune N. Clinical significance of cerebrospinal fluid drainage after descending thoracic and thoracoabdominal aortic surgery. International society for cardiovascular surgery 24th world congress. Melbourne, 1999.9.12
16. **Kunihara T**, Shiiya N, Yasuda K. Clinical significance of cerebrospinal fluid drainage. The 7<sup>th</sup> aortic surgery symposium. New York, 2000.4.27
17. **Kunihara T**, Murashita T, Sasaki S, Shiiya N, Yasuda K, Matsui Y. The clinical strategy for reducing homologous blood transfusion during cardiac surgery. The 49th

international congress of the European Society for Cardiovascular Surgery. Dresden, 2000.6.24

18. **Kunihara T**, Mafune N, Gando S, Yasuda K, Shiiya N, Sasaki S, Murashita T. The impact of steroid on macrophage migration inhibitory factor during and after cardiopulmonary bypass. The 50<sup>th</sup> international congress of the European Society for Cardiovascular Surgery. Budapest, 2001.6.20
19. **Kunihara T**, Adachi A, Nishibe T, Kudo FA, Shiiya N, Yasuda K. The minimal incisional retroperitoneal approach for treatment of abdominal aortic aneurysm. The 43rd Annual World Congress of International College of Angiology. Berlin, 2001.6.24
20. **Kunihara T**, Matsuzaki K, Shiiya N, Yasuda K. Surgical results for mycotic aortic aneurysms. The 3<sup>rd</sup> Japan-Korea vascular surgery symposium. Kanazawa, 2003.7.11
21. **Kunihara T**, Yoshimoto K, Oh-oka T, Yamashita T, Shiiya N, Yasuda K. Is simple cross-clamping of the supraceliac aorta justified? The 3<sup>rd</sup> meeting of Japanese German Society for Vascular Surgery. Okinawa, 2004.3.5
22. **Kunihara T**, Schmidt K, Glombitza P, Dzindzibadze V, Lausberg H, Schäfers HJ. Aortic Valve Replacement in Patients with A Small Aortic Root using Stented or Stentless Bioprosthesis - A Propensity Score analysis. The 3<sup>rd</sup> Biennial Meeting Society for Heart Valve Disease. Vancouver, 2005.6.17
23. **Kunihara T**, Aicher D, Langer F, Schäfers HJ. Aortic root geometry primarily determines long-term outcome after valve-preserving surgery. The 5th Biennial Meeting of the SHVD. Berlin, 2009.6.27
24. **Kunihara T**, Möller M, Langer F, Tscholl D, Aicher D, Schäfers HJ. Angiographic Predictors of Hemodynamic Improvement after Pulmonary Endarterectomy. The 46th Biennial Meeting of the society of thoracic surgeons. Fort Lauderdale, Florida, 2010.1.26
25. **Kunihara T**, Gerdtts J, Groesdonk H, Langer F, Tscholl D, Aicher D, Schäfers HJ. Predictors of postoperative outcome after pulmonary endarterectomy from 10 year-experience with 240 patients. The 24<sup>th</sup> Annual Meeting of the European Association for Cardio-Thoracic Surgery. Geneva, 2010.9.14
26. **Kunihara T**, Aicher D, Langer F, Schäfers HJ. Long-term outcome after valve-preserving root surgery for patients with Marfan syndrome. The 6th Biennial Meeting of the SHVD. Barcelona, 2011.6.27
27. **Kunihara T**, Aicher D, Rodionycheva S, Asano, M, Tochii M, Schäfers HJ. Long-term

outcome after valve-preserving root surgery for patients with Marfan syndrome. The 41st Annual Meeting of the German Society for Thoracic and Cardiovascular Surgery. Freiburg, 2012.2.13

28. **Kunihara T**, Takahashi H, Aicher D, El Beyrouti H, Schäfers HJ. Predictors of morbidity and mortality of contemporary proximal aortic replacement. The 42<sup>nd</sup> Annual Meeting of the German Society for Thoracic and Cardiovascular Surgery. Freiburg, 2013.2.18
29. **Kunihara T**, Takahashi H, Aicher D, El Beyrouti H, Schäfers HJ. Long-term benefit of complete arterial revascularization using LITA and radial artery on survival and MACE/MACCE in diabetic patients with coronary triple vessel disease -Propensity-score matching analysis-. The 42<sup>nd</sup> Annual Meeting of the German Society for Thoracic and Cardiovascular Surgery. Freiburg, 2013.2.19
30. **Kunihara T**, Takahashi H, Aicher D, Schäfers HJ. Outcomes after valve-preserving root surgery for patients with Marfan syndrome. The 21<sup>st</sup> Annual Meeting of the Asian Society for Cardiovascular and Thoracic Surgery. Kobe, 2013.4.6
31. **Kunihara T**, Grün C, Takahashi H, Aicher D, Schäfers HJ. Impact of modified effective orifice area index on prosthesis-patient mismatch and early mortality after aortic valve replacement. The 7th Biennial Meeting of the SHVD. Venice, 2013.6.22
32. **Kunihara T**, Aicher D, Schäfers HJ. Long-term outcome of valve-preserving root replacement for patients with aortic dissection -propensity score-matching analysis-. The 27<sup>th</sup> Annual Meeting of the European Association for Cardio-Thoracic Surgery. Wien, 2013.10.7
33. **Kunihara T**, Gafencu L, Gafencu D, Aicher D, Wilkens H, Halank M, Held M, Schäfers HJ. Postoperative hemodynamic benefit of Bosentan-pretreatment for high-risk patients undergoing pulmonary endarterectomy. The 43<sup>rd</sup> Annual Meeting of the German Society for Thoracic and Cardiovascular Surgery. Freiburg, 2014.2.10
34. **Kunihara T**, Takahashi H, Aicher D, Schäfers HJ. Aortic annulus does not dilate over time after aortic root remodeling. AATS Aortic Symposium 2014. New York, 2014.4.24
35. **Kunihara T**, Takai H, Sasaki K, Seki M, Arimura S. The role of external suture annuloplasty in addition to aortic valve repair with or without root replacement. AATS Aortic Symposium Workshop 2015. Kobe, 2015.10.16
36. **Kunihara T**, Arimura S, Aicher D, Schäfers H. J. Aortic annulus does not dilate over time after aortic root remodeling with or without annuloplasty. AATS Aortic Symposium 2016. New York, 2016.5.12

37. **Kunihara T**, Arimura S, Aicher D, Schäfers H. J.Aortic annulus does not dilate over time after aortic root remodeling with or without annuloplasty. Aortic Valve repair Summit. Brussels, 2016.7.1
38. **Kunihara T**, Takai H, Sasaki K, Seki M, Arimura S. Tricuspidization of the incomplete fusion type bicuspid aortic valve. Aortic Valve repair Summit. Brussels, 2016.7.2
39. **Kunihara T**, Arimura S, Seki M, Sasaki K. External suture aortic annuloplasty: less invasive approach to the aortic root and valve pathology. International Society of Minimally Invasive Cardiothoracic Surgery 2016 Winter Workshop. Kyoto, 2016.10.28
40. **Kunihara T**, Okita Y, Takanashi S, Komiya T, Yaku H, on behalf of aortic valve academy (Okabayashi H, Takemura H, Arai H, Sawazaki M, Matsui Y, Shiiya N). Lessens learned from Japanese registry of valve-preserving root replacement. Aortic valve repair summit. Ottawa, 2017.6.23
41. **Kunihara T**. Introduction. Aortic Regurgitation: How to Manage and How to Repair. Annual Meeting of the Heart Valve Society. Barcelona, 2019.4.11.

## **B. Japanese congress**

1. **Kunihara T**, Myojin K, Matano J, Okude J, Kawasaki M, Inomata H, Takeda T, Hatae Y, Murashita T. Experience with a Operated Cervico-mediastinal Neuroblastoma in Infant. The 71<sup>st</sup> local annual meeting of the Japanese society for pediatric surgery. Sapporo, 1991.9.14
2. **Kunihara T**, Myojin K, Matano J, Okude J, Kawasaki M, Inomata H, Tanabe T, Yasuda K. A case report of type A acute aortic dissection with cardiac arrest due to cardiac tamponade. The 15<sup>th</sup> local annual meeting of the Japanese society for emergent medicine. Sapporo, 1991.10.13
3. **Kunihara T**, Myojin K, Matano J, Okude J, Kawasaki M, Inomata H. Experience of thoracic wall tumor –Reconstruction of thoracic wall defect-. The 56<sup>th</sup> local annual meeting of the Japanese society for surgery. Sapporo, 1992.2.1
4. **Kunihara T**, Myojin K, Matano J, Sasaki S, Maeda K, Inomata H. Clinical Measurement of Cerebral Metabolism and Oxygenation during Cardiovascular Surgery by Near-infrared Spectrophotometry. The 47<sup>th</sup> local annual meeting for national hospital in Hokkaido. Sapporo, 1992.2.14
5. **Kunihara T**, Myojin K, Matano J, Yasuda K, Tanabe T, Maeda K, Inomata H, Sasaki S.

- Closing Aortic Dissection -It's Clinical Manifestation and Treatment-. The 67<sup>th</sup> local annual meeting of the Japanese circulation society. Sapporo, 1992.6.6
6. **Kunihara T**, Matano J, Myojin K, Sasaki S, Tamura M. Clinical Measurement of Cerebral Metabolism and Oxygenation during Cardiovascular Surgery by Near-infrared Spectrophotometry. The 20<sup>th</sup> annual meeting of the society for vascular surgery. Sapporo, 1992.7.2
  7. **Kunihara T**, Myojin K, Matano J, Sasaki S, Maeda K, Inomata H. Two Cases of Thymic Cysts. The 53<sup>rd</sup> local annual meeting of the Japanese society for surgery. Asahikawa, 1992.9.11
  8. **Kunihara T**, Suzuki T, Matsuyama M, Katou H. A Case of Primary Mesentric Squamous Cell Carcinoma. The 58<sup>th</sup> local annual meeting of the Japanese society for surgery. Sapporo, 1993.1.23
  9. **Kunihara T**, Myojin K, Matano J, Tamura M. Clinical Measurement of Cerebral Metabolism and Oxygenation during Cardiovascular Surgery by Near-infrared Spectrophotometry. The 46<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Sapporo, 1993.10.6
  10. **Kunihara T**, Myojin K, Sakuma M, Yasuda K, Takahashi J. Clinical Measurement of Cerebral Metabolism and Oxygenation during Cardiovascular Surgery by Near-infrared Spectrophotometry. The 1<sup>st</sup> annual meeting of the research association for Near-infrared Spectrophotometry. Tokyo, 1993.10.15
  11. **Kunihara T**, Takahashi T, Mito Y, Hiraguchi E, Shimada T, Katou H. A Cancer in Papillary Adenoma (Gastric Epithelial Type) of The Stomach Prolapsing into The Duodenal Bulb -Report of A Case-. The 64<sup>th</sup> local annual meeting of the Japanese society for clinical surgery. Sapporo, 1993.12.4
  12. **Kunihara T**, Motohara T, Okushiba S, Dohke M, Takahashi R, Ohkubo T, Iwai K, Narita Y, Ohno K, Okushiba T, Itoh K, Sakamoto S, Hiraguchi E, Anpo Y, Katoh H. Analysis surgical cases of aged esophageal cancer. The 62<sup>nd</sup> annual local meeting of the Japanese society for surgery. Sapporo, 1995.1.28
  13. **Kunihara T**, Sasaki S, Kenmotsu O, Sugimoto H, Ohba J, Kikuchi N, Tamagawa S, Yamada Y. A case report of pseudomembranous colitis necessitating intensive care due to severe protein leakage and intestinal edema. The 22<sup>nd</sup> annual meeting of the Japanese society for intensive care. Osaka, 1995.2.2
  14. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Ishii K, Murashita T, Sasaki S,

- Ohba J. Surgical indication, technique, and outcomes for type A acute aortic dissection with entry located at distal of the aortic arch. The 25<sup>th</sup> annual meeting of the Japanese society for cardiovascular surgery. Yokohama, 1995.2.16
15. **Kunihara T**, Yasuda K, Myojin K, Tamura M, Sakuma M, Takahashi J. Postoperative evaluation of intermittent claudication using near-infrared spectrophotometry. The 15<sup>th</sup> annual local meeting of the Japanese society for vascular surgery. Sapporo, 1995.4.22
  16. **Kunihara T**, Ishii K, Sasaki S, Murashita T, Shiiya N, Matsui Y, Sakuma M, Myojin K, Tamura M, Yasuda K, Takahashi J. A new method of perioperative evaluation of surgical effects for arterial occlusive disease. –especially efficacy of occlusion test-. The 23<sup>rd</sup> annual meeting of the Japanese society for vascular surgery. Kumamoto, 1995.5.12
  17. **Kunihara T**, Myojin K, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Ishii K, Murashita T, Sasaki S, Takahashi J, Samejima M. Selection of treatment for Stanford type B acute aortic dissection. –analysis of long-term prognosis-. The 23<sup>rd</sup> annual meeting of the Japanese society for vascular surgery. Kumamoto, 1995.5.12
  18. **Kunihara T**, Matsui Y, Yasuda K, Murakami T, Watanabe M. Experience of thoracoscopic pericardectomy for chronic pericarditis. The 1<sup>st</sup> meeting of the Hokkaido endoscopic research group. Sapporo, 1995.6.3
  19. **Kunihara T**, Yasuda K, Tamura M, Sakuma M, Myojin K, Matsui Y, Shiiya N, Ishii K, Murashita T, Sasaki S, Takahashi J. Postoperative evaluation of intermittent claudication using near-infrared spectrophotometry. The 15<sup>th</sup> annual meeting of the Japanese association of noninvasive diagnosis for vascular disease. Fukushima, 1995.6.22
  20. **Kunihara T**, Shimada T, Hiraguchi E, Katoh H, Iwai K, Mito Y, Takahashi T. A case report of inflammatory malignant fibrous histiocytoma originating from the colon. The 67<sup>th</sup> annual local meeting of the Japanese society for clinical surgery. Tomakomai, 1995.7.8
  21. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J. Clinical experience of albumin coated knitted Y graft. The 63<sup>rd</sup> annual local meeting of the Japanese society for surgery. Sapporo, 1995.9.16
  22. **Kunihara T**, Myojin K, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Ishii K, Murashita T, Sasaki S. Therapeutic strategy for type A acute aortic dissection –especially for early thrombosed dissection-. The 43<sup>rd</sup> annual meeting of the Japanese society for cardiology. Yokohama, 1995.9.17
  23. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J. A case report of ruptured thoracic aortic aneurysm who underwent replacement of the ascending aorta

and aortic arch. The 59<sup>th</sup> annual local meeting of the Japanese society for thoracic surgery. Sapporo, 1995.9.22

24. **Kunihara T**, Myojin K, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Ishii K, Murashita T, Sasaki S, Sugimoto H. Clinical significance of monitoring of cerebral blood flow using near-infrared spectrophotometry and jugular venous oxygen saturation. The 48<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Tokyo, 1995.10.4
25. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J. Treatment and prognosis of dissecting aortic aneurysm. The 74<sup>th</sup> annual local meeting of the Japanese circulation society. Asahikawa, 1995.10.7
26. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Ishii K, Kawarada Y, Miyazaki K. Long-term prognosis of Aorto Iliac Occlusive Disease (AIOD) according to the occlusion site. The 36<sup>th</sup> annual meeting of the Japanese society for angiology. Ginowan, 1995.11.1
27. **Kunihara T**, Myojin K, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Ishii K, Murashita T, Sasaki S, Sugimoto H. Clinical significance of monitoring of cerebral blood flow using near-infrared spectrophotometry and jugular venous oxygen saturation. The 2<sup>nd</sup> annual meeting of the research association for Near-infrared Spectrophotometry. Naha, 1995.11.2
28. **Kunihara T**, Myojin K, Matano J, Miyazaki K, Oka J, Fujita M. Three cases with cardiac malignant tumor, which was difficult to distinguish to myxoma. The 60<sup>th</sup> annual local meeting of the Japanese society for thoracic surgery. Sapporo, 1996.2.17
29. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J. Clinical experience of albumin coated knitted Y graft. The 26<sup>th</sup> annual meeting of the Japanese society for cardiovascular surgery. Kyoto, 1996.2.29
30. **Kunihara T**, Myojin K, Ishii K, Murakami T, Miyazaki K, Oka J. Surgical experience of aged patients with abdominal aortic aneurysm. The 16<sup>th</sup> annual local meeting of the Japanese society for vascular surgery. Sapporo, 1996.4.20
31. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J, Sakuma M, Yasuda K, Takahashi J, Tamura M. Evaluation of pharmacological effects of PGE1-CD using near-infrared spectrophotometry. The 16<sup>th</sup> annual meeting of the Japanese association of noninvasive diagnosis for vascular disease. Kobe, 1996.5.10
32. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J. Efficacy and problem of coated vascular grafts according to bioreactivity. The 24<sup>th</sup> annual meeting of the

- Japanese society for vascular surgery. Asahikawa, 1996.6.27
33. **Kunihara T**, Myojin K, Matano J, Murakami T, Miyazaki K, Oka J, Sakuma M, Yasuda K. Non-invasive assessment and decision making of therapeutic option of hip- and thigh-claudication using near-infrared spectrophotometry. The 24<sup>th</sup> annual meeting of the Japanese society for vascular surgery. Asahikawa, 1996.6.27
  34. **Kunihara T**, Myojin K, Ishii K, Murakami T, Ishibashi Y, Fukada Y, Koyama M. Surgical treatment of aged patients with thoracic aortic aneurysm. The 61<sup>st</sup> annual local meeting of the Japanese society for thoracic surgery. Sapporo, 1996.9.21
  35. **Kunihara T**, Maruyama T, Itoh M, Matsuzaki K, Takigami K, Kubota T, Sudou Y, Watanabe T, Samejima M, Shiiya N, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. The change of cardiac function after coronary artery bypass grafting. The 61<sup>st</sup> annual local meeting of the Japanese society for thoracic surgery. Sapporo, 1996.9.21
  36. **Kunihara T**, Myojin K, Ishii K, Murakami T, Ishibashi Y, Fukada Y, Koyama M. Evaluation of pharmacological effects on arterial occlusive disease using near-infrared spectrophotometry. The 65<sup>th</sup> annual local meeting of the Japanese society for surgery. Asahikawa, 1996.9.28
  37. **Kunihara T**, Maruyama T, Itoh M, Matsuzaki K, Takigami K, Kubota T, Sudou Y, Watanabe T, Samejima M, Shiiya N, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. Mechanical circulatory support after open heart surgery using centrifugal pump. The 76<sup>th</sup> annual local meeting of the Japanese circulation society. Sapporo, 1996.10.12
  38. **Kunihara T**, Myojin K, Ishibashi Y, Ishii K, Fukada Y, Koyama M. A case report of ruptured thoracic aortic aneurysm with hemoptysis. The 76<sup>th</sup> annual local meeting of the Japanese circulation society. Sapporo, 1996.10.12
  39. **Kunihara T**, Myojin K, Matsui Y, Yasuda K, Matsuura M. Endoscopic pericardectomy for chronic pericardial effusion. The 49<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Kyoto, 1996.10.15
  40. **Kunihara T**, Myojin K, Murakami T, Ishii K, Miyazaki K, Yasuda K, Shiiya N, Takikawa C, Sugimoto H. Comparison of hemodynamics during aortic surgery according to aortic cross-clamping site. The 49<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Kyoto, 1996.10.17
  41. **Kunihara T**, Myojin K, Murakami T, Ishii K, Sasaki S, Murashita T, Shiiya N, Matsui Y, Sakuma M, Takahashi J, Yasuda K, Minatoya Y. Therapeutic strategy for intramural hematoma in the ascending aorta. The 49<sup>th</sup> annual meeting of the Japanese society for

thoracic surgery. Kyoto, 1996.10.17

42. **Kunihara T**, Myojin K, Murakami T, Ishii K, Miyazaki K, Oka J. Surgical results for ruptured thoracic aortic aneurysm. The 37<sup>th</sup> annual meeting of the Japanese society for angiology. Kyoto, 1996.11.14
43. **Kunihara T**, Ishii K, Murakami T, Shiiya N, Sasaki S, Murashita T, Matsui Y, Sakuma M, Myojin K, Yasuda K. Assessment of the balance between cerebral oxygen supply and demand during aortic surgery using near-infrared spectrophotometry and jugular venous oxygen saturation. The 3<sup>rd</sup> annual meeting of the research association for Near-infrared Spectrophotometry. Kyoto, 1996.11.15
44. **Kunihara T**, Shiiya N, Sasaki S, Matsui Y, Sakuma M, Matano J, Myojin K, Yasuda K, Kubota T, Takigami K, Morimoto K, Aoki T. Long-term surgical results for incomplete endocardial cushion defect –analysis according to postoperative mitral valve insufficiency-. The 27<sup>th</sup> annual meeting of the Japanese society for cardiovascular surgery. Amagasaki, 1997.2.12
45. **Kunihara T**, Itoh M, Matsuzaki K, Kanaoka K, Kubota T, Suto Y, Samejima M, Shiiya N, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. A case report of thoracoabdominal aortic aneurysm repair through a left thoracotomy under deep hypothermia using apico-aortic cannulation. The 62<sup>nd</sup> annual local meeting of the Japanese society for thoracic surgery. Sapporo. 1997.2.22
46. **Kunihara T**, Ishii K, Murakami T, Shiiya N, Sasaki S, Murashita T, Matsui Y, Sakuma M, Yasuda K, Myojin K. Brain protection during aortic surgery using near-infrared spectrophotometry and jugular venous oxygen saturation. The 27<sup>th</sup> annual meeting of the Japanese society for cardiovascular surgery. Amagasaki, 1997.2.13
47. **Kunihara T**, Itoh M, Matsuzaki K, Kanaoka K, Kubota T, Sudou Y, Samejima M, Shiiya N, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. A surgical case report of pseudoaneurysm of the common iliac artery caused by Behcet disease. The 66<sup>th</sup> annual local meeting of the Japanese society for surgery. Asahikawa, 1997.3.1
48. **Kunihara T**, Yasuda K. Assessment of exercise ability and training effects of athletes using near-infrared spectrophotometry and treadmill. Local meeting of the Hokkaido research association for sports medicine. Sapporo, 1997.3.16
49. **Kunihara T**, Yasuda K. Assessment of oxygen metabolism of the thigh during cross-country skiing using portable near-infrared spectrophotometry device. Local meeting of the Hokkaido research association for sports medicine. Sapporo, 1997.3.16

50. **Kunihara T**, Ishii K, Murakami T, Shiiya N, Sasaki S, Murashita T, Matsui Y, Sakuma M, Myojin K. Determination of optimal cerebral perfusion flow during aortic surgery with regards to brain protection. The 97<sup>th</sup> annual meeting of the Japanese society for surgery. Kyoto, 1997.4.10
51. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S. Spinal cord protection during thoracoabdominal aortic aneurysm repair –current situation and perspectives-. Meeting of the research association for aortic surgery. Kyoto, 1997.4.11
52. **Kunihara T**, Yasuda K, Sakuma M, Matsui Y, Shiiya N, Murashita T, Sasaki S, Matsuzaki K, Maruyama T, Miyatake T, Sudou Y, Kubota T, Samejima M. Assessment of arterial occlusive disease of the lower extremities using near-infrared spectrophotometry. The 17<sup>th</sup> annual local meeting of the Japanese society for vascular surgery. Sapporo, 1997.4.19
53. **Kunihara T**, Myojin K, Yasuda K, Sakuma M, Matsui Y, Sasaki S, Murashita T, Shiiya N, Murakami T, Koyama M, Fukada Y. Assessment and choice of therapeutic strategy for intermittent claudication using near-infrared spectrophotometry. The 25<sup>th</sup> annual meeting of the Japanese society for vascular surgery. Fukushima, 1997.5.8
54. **Kunihara T**, Matsuzaki K, Itoh M, Miyatake T, Samejima M, Kubota T, Suto Y, Shiiya N, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. Surgical results for ruptured aneurysm of the sinus of Valsalva. The 77<sup>th</sup> annual local meeting of the Japanese circulation society. Sapporo, 1997.6.14
55. **Kunihara T**, Sudou Y, Kubota T, Shiiya N, Murashita T, Sasaki S, Matsui Y, Sakuma M, Yasuda K. Surgical results for ruptured aneurysm of sinus of Valsalva. The 45<sup>th</sup> annual meeting of the Japanese society for cardiology. Sapporo, 1997.9.25
56. **Kunihara T**. Improvement of adjuncts for thoracoabdominal aortic aneurysm repair – establishment of antegrade perfusion and heparin-corted closed circuit-. The 50<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Tokyo, 1997.10.1
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121. **Kunihara T**. Proper use of GRF glue –from experimental and clinical evidences- (Luncheon seminar). The 64<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Nagoya, 2011.10.10
122. **Kunihara T**. Aortic root remodeling –why and how?-. The 17<sup>th</sup> Advanced Heart & Vascular Surgery/OPCAB research society. Tokyo, 2013.12.7
123. **Kunihara T**. Aortic root remodeling+annuloplasty –why and how?-. The 88<sup>th</sup> Clinical

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124. **Kunihara T.** Choice of prosthetic valve in valve-in-valve era: From German Experience. Fireside symposium8, The 62<sup>nd</sup> annual scientific session of the Japanese college of cardiology. Sendai, 2014.9.27
125. **Kunihara T.** Role of Echocardiographer in aortic valve repair. The 9<sup>th</sup> Kyoto-Shiga intraoperative cardiovascular ultrasonography workshop. Kyoto, 2014.10.18
126. **Kunihara T.** Clinical potential of Annuloplasty for aortic valve repair. the 6<sup>th</sup> annual meeting of the Japanese Society for Heart Valve Disease. Tokyo, 2014.12.6
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128. **Kunihara T.** Takai H, Sasaki K, Seki M, Arimura S. Decision of optimal length of papillary muscle relocation for ischemic mitral regurgitation using 3D-CT. The 45<sup>th</sup> annual meeting of the Japanese Society for Cardiovascular Surgery. Kyoto, 2015.2.18
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130. **Kunihara T.** What is lacking in Aortic Valve Repair? Strategy and Technique 2015 Heart Valve Conference. Osaka, 2015.4.11
131. **Kunihara T.** Remodeling with annuloplasty: simple and effective technique. Video Symposium 4, The 43<sup>rd</sup> annual meeting of Japanese Society for Vascular Surgery. Yokohama, 2015.6.5
132. **Kunihara T.** Aortic valve plasty in Japan. Luncheon seminar 5, The 58<sup>th</sup> annual meeting of Kansai Thoracic Surgical Association. Okayama, 2015.6.13
133. **Kunihara T.** What should we learn and do as cardiovascular surgeons in our 30's? Meeting the expert, The 20<sup>th</sup> Japanese conference for Advanced Heart & Vascular Surgery/OPCAB. Kyoto, 2015.7.11
134. **Kunihara T.** Aortic valvuloplasty. Surgical live demonstration 2, Complex cardiovascular therapeutics. Kobe, 2015.10.31
135. **Kunihara T.** Remodeling+annuloplasty. The 6<sup>th</sup> annual meeting of the Japanese Society for Heart Valve Disease. Tokyo, 2015.12.4
136. **Kunihara T.** AR could be repaired to further extent: Evolution of aortic valve repair. The 10<sup>th</sup> Tokyo Heart Laboratory. Tokyo, 2015.12.5
137. **Kunihara T.** Surgical ablation for atrial fibrillation in aortic valve repair. Keynote

- lecture. The 30<sup>th</sup> annual meeting of Japanese Society for Arrhythmia Surgery. Nagoya, 2016.2.15
138. **Kunihara T.** Surgical approach for prevention of stroke due to aortic disease. The 3<sup>rd</sup> annual meeting of Cardiovascular Stroke Society of Japan. Tokyo, 2016.6.18
139. **Kunihara T.** Takai H, Sasaki K, Seki M, Arimura S. Tips and pitfalls of aortic valve repair using an autologous pericardial patch for type III aortic valve regurgitation. The 69<sup>th</sup> annual scientific meeting of the Japanese association for thoracic surgery. Okayama, 2016.9.30
140. **Kunihara T.** Takai H, Sasaki K, Seki M, Arimura S. Usefulness of external suture annuloplasty in aortic valve repair. The 69<sup>th</sup> annual scientific meeting of the Japanese association for thoracic surgery. Okayama, 2016.10.1
141. **Kunihara T.** Standardization of aortic valve repair including root replacement. The 7<sup>th</sup> annual meeting of the Japanese Society for Heart Valve Disease. Sapporo, 2016.10.21
142. **Kunihara T.** Possibility of aortic valve repair. The 116<sup>th</sup> Hokkaido annual regional meeting of the Japanese circulation society. Sapporo, 2016.11.26
143. **Kunihara T.** Indication and technique of aortic valve repair. The 242<sup>nd</sup> Kantokoushinetsu annual regional meeting of the Japanese circulation society. Tokyo, 2016.12.3
144. **Kunihara T.** Anatomy of the aortic root for aortic root reconstruction surgery. The 47<sup>th</sup> Postgraduate Educational Seminar of the Japanese Society of Cardiovascular Surgery Tokyo, 2017.2.26
145. **Kunihara T,** Sasaki K, Seki M, Arimura S. Impact of of aortic valvuloplasty for aortic regurgitation with regard to LV reverse remodeling. The 47<sup>th</sup> Annual Meeting of the Japanese Society for Cardiovascular Surgery. Tokyo, 2017.2.28
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147. **Kunihara T.** -How far should we do for BAV and aortic root-?: Aortic root replacement for aortic valve preservation. Heart Valve Conference 2017. Osaka, 2017.4.8
148. **Kunihara T.** A key to success of valve-sparing root replacement. The 45<sup>th</sup> annual meeting of the society for vascular surgery, Video Symposium. Hiroshima, 2017.4.20

149. **Kunihara T.** Remodeling operation using a Gelweave Valsalva graft. The 45<sup>th</sup> annual meeting of the society for vascular surgery, Luncheon seminar. Hiroshima, 2017.4.20
150. **Kunihara T.** Aortic valvuloplasty techniques you should know by echocardiography. The 90<sup>th</sup> Annual Meeting of the Japan Society of Ultrasonics in Medicine. "Cardiovascular Symposium: Echocardiography focusing on aortic valve repair." Utsunomiya, 2017.5.27
151. **Kunihara T.** What we can do now in aortic valvuloplasty. The 30<sup>th</sup> annual meeting of the Council of Designated Teaching Institutions for Thoracic Surgery. Hamamatsu, 2017.6.3
152. **Kunihara T.** Cutting edge of aortic valvuloplasty. The 164<sup>th</sup> Tohoku Regional Meeting of the Japanese Circulation Society. Morioka, 2017.6.10
153. **Kunihara T.** Indication and technique of aortic valvuloplasty. The 110<sup>th</sup> Chugoku-Shikoku Joint Regional Meeting of the Japanese Circulation Society. Kochi, 2017.6.30
154. **Kunihara T.** Toward standardization of valve-sparing root replacement and annuloplasty. The 70<sup>th</sup> annual meeting of the Japanese society for thoracic surgery. Sapporo, 2017.9.27
155. **Kunihara T.** Is aortic valvuloplasty superior to aortic valve replacement? The 12<sup>th</sup> Tokyo Heart Labo. Tokyo, 2017.11.26
156. **Kunihara T.** Is cardiovascular surgery at risk for hemodialysis patients? The 45<sup>th</sup> Chiba dialysis research meeting. Chiba, 2017.11.26
157. **Kunihara T.** Standardization of aortic root remodeling. The 48<sup>th</sup> Annual Meeting of the Japanese Society for Cardiovascular Surgery. Educational video "Adult cardiac surgery". Mie, 2018.2.20
158. **Kunihara T.** Validity of aortic valvuloplasty for aortic regurgitation in terms of postoperative hemodynamics. The 48<sup>th</sup> Annual Meeting of the Japanese Society for Cardiovascular Surgery. Panel discussion5 "Aortic regurgitation -Choice of operative procedure and outcomes". Mie, 2018.2.21
159. **Kunihara T.** U-40 work and life balance The 48<sup>th</sup> Annual Meeting of the Japanese Society for Cardiovascular Surgery. Mie, 2018.2.21
160. **Kunihara T,** Yoshino H, Akutsu K, Tobaru T, Hagiya K, Watanabe Y, Watanabe K, Usui M, Takahashi T, Niino T, Aoki A, Shimokawa T, Ogino H, Senba H, Yamamoto T, Nagao K, Takayama M. Impact of Extended Replacement on Mortality in Type A Acute

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161. **Kunihara T.** Threshold for surgical intervention for aortic regurgitation. The 82<sup>nd</sup> Annual Scientific Meeting of the Japanese Circulation Society. “ Meet the ESC in Japan-2”. Osaka, 2018.3.24
162. **Kunihara T.** Tips and pitfalls of aortic valvuloplasty for AR due to bicuspid aortic valve. The 61<sup>st</sup> annual meeting of Kansai association for thoracic surgery. Nagoya, 2018.6.22
163. **Kunihara T.** Advantages and disadvantages of aortic root remodeling and its operative technique. The 23<sup>rd</sup> Advanced Heart & Vascular Surgery/OPCAB research society. Wakayama, 2018.7.14
164. **Kunihara T.** Eleven years of auto-pericardial aortic valve reconstruction (Ozaki operation). The 23<sup>rd</sup> Advanced Heart & Vascular Surgery/OPCAB research society, Designated debate. Wakayama, 2018.7.14
165. **Kunihara T.** Optimal evaluation of aortic root geometry. The 71<sup>st</sup> annual meeting of the Japanese society for thoracic surgery. Techno Academy “Aortic valve repair”. Tokyo, 2018.10.5
166. **Kunihara T,** Yoshino H, Akutsu K, Tobaru T, Hagiya K, Watanabe Y, Watanabe K, Usui M, Takahashi T, Niino T, Aoki A, Shimokawa T, Ogino H, Senba H, Yamamoto T, Nagao K, Takayama M. Impact of Extended Replacement on Mortality in Type A Acute Aortic Dissection: Analysis from the Tokyo Acute Aortic Super-Network Database. The 38<sup>th</sup> Tokyo CCU research meeting. Tokyo, 2018.12.8.
167. **Kunihara T.** Structural heart disease team is crucial toward success of aortic valve repair. The 83rd Annual Scientific Meeting of the Japanese Circulation Society. Yokohama, 2019.3.30
168. **Kunihara T,** Morita K, Bando K, Nagahori R, Uno Y, Yoshitake M, Matsumura Y, Nishioka N, Shinohara G, Nakao M, Kinami H, Takagi T, Arimura S. Adult aortic valve surgery can be discussed according to the etiology of the aortic valve disease. The 72<sup>nd</sup> annual meeting of the Japanese society for thoracic surgery. Panel discussion 2; Collaboration between congenital and adult cardiac surgery: Exploring similarities and differences in surgical procedures. Kyoto, 2019.11.1.

169. **Kunihara T.** My aortic valvuloplasty surgery. The 181<sup>st</sup> Kantokoushinetsu annual regional meeting of the Japanese society for thoracic surgery. Luncheon seminar. Tokyo, 2019.11.9.
170. **Kunihara T.** Toward standardization of Aortic root remodeling. The 81<sup>st</sup> Annual Meeting of Japan Surgical Association. Video workshop 07; New wave in surgical treatment of valvular heart disease. Kochi, 2019.11.16.
171. **Kunihara T.** Case 6: A case in the Jikei University. Tokyo Heart Labo 2019. Tokyo, 2019.11.24.
172. **Kunihara T.** Root replacement as solution for AV repair. The 10th Annual Meeting of the Japanese Society for Heart Valve Disease. Satellite symposium "New wave of aortic valvuloplasty -Aortic Valve Academy-". Tokyo, 2019.11.30.
173. **Kunihara T.** Aortic valvuloplasty for congenital aortic valve disease. The 22<sup>nd</sup> Annual Meeting of Japanese Society for Adult Congenital Heart Disease. Educational seminar. Tokyo, 2020.1.18.
174. **Kunihara T.** (Educational seminar 1) My technique of aortic valve repair. The 63<sup>rd</sup> Annual Meeting of Kansai Thoracic Surgical Association. Yonago. 2020.7.4. (held on the web)
175. **Kunihara T.** (Debate-1: Controversies in valvular heart disease) Durability of TAVI Valve is still an Issue in the Decision Making for TAVI: Yes, Data on durability of TAVI valve is still insufficient for younger patients. The 83<sup>rd</sup> Annual Meeting of the Japanese Circulation Society. Kyoto. 2020.7.31. (held on the web)
176. **Kunihara T.** (50th anniversary project 2) Crisis during aortic valve replacement: pitfall and recovery. The 50th Annual Meeting of the Japanese Society for Cardiovascular Surgery. 福島. 2020.8.18. (held on the web)
177. **Kunihara T.** (Luncheon seminar) Control of bleeding in aortic root replacement. The 50th Annual Meeting of the Japanese Society for Cardiovascular Surgery. Fukushima. 2020.8.19. (held on the web)
178. **Kunihara T,** Yoshitake M, Matsumura Y, Hoshino S, Nakao M, Takagi T, Saito S. (Panel discussion: Aortic root replacement for acute type A aortic dissection "Valve sparing vs. Bentall") Safety of aortic root remodeling surgery for acute type A aortic dissection. The 73<sup>rd</sup> annual meeting of the Japanese society for thoracic surgery. Nagoya. 2020.10.30. (held on the web)

179. **Kunihara T.** (Symposium, “Heart 7”: Reconstruction of the aortic root (The Latest Strategy)) Complete standardization of aortic root remodeling operation. The 73<sup>rd</sup> annual meeting of the Japanese society for thoracic surgery. Nagoya. 2020.11.1. (held on the web)
180. **Kunihara T.** Surgical therapy for acute aortic dissection in the era of TEVAR. The 15<sup>th</sup> Japan Endovascular Symposium. Tokyo. 2020.9.21. (held on the web)
181. **Kunihara T.** (Luncheon seminar) Are you afraid of aortic root replacement? Tips for success and hemostasis. The 48<sup>th</sup> annual meeting of the society for vascular surgery. Tokyo. 2020.11.28. (held on the web)
182. **Kunihara T.** (Tokyo Colosseum: Debate session) Is standardization of aortic root remodeling feasible? The 48<sup>th</sup> annual meeting of the society for vascular surgery. Tokyo. 2020.11.29. (held on the web)

(Updated at 3<sup>rd</sup> January 2021)