

Hiroyuki Oizumi, MD

Appointments:

Director, Chest Disease Center, Higashi-Yamato Hospital, Tokyo, April 2022

Professor/ Chief, Division of General Thoracic Surgery, Yamagata University Hospital, 2021 – 2022

Professor/Chairman, Division of Surgery II [Cardiovascular, Thoracic and Pediatric surgery], Yamagata University Hospital, 2020 – 2021

Vice-chairman, Endoscopic Surgery Center, Yamagata University Hospital, 2015 – 2022

Professor/ Chief, Division of General Thoracic Surgery, Yamagata University Hospital, 2010 – 2021

Associate Professor, Department of Surgery II [Cardiovascular, Thoracic and Pediatric surgery], Yamagata University Faculty of Medicine, 2007 – Present

Assistant Professor, Department of Surgery II [Cardiovascular, Thoracic and Pediatric surgery], Yamagata University Faculty of Medicine, 1993 – 2010

Chief, General Surgery, Kaneyama Municipal Hospital, 1992 – 1993

Chief, General Surgery, Shirataka Municipal Hospital, 1989 – 1992

Education:

PhD, Yamagata University, Faculty of Medicine, Yamagata, Japan, 1993

MD, Yamagata University Faculty of Medicine, Yamagata, Japan, 1983

Post Graduate Training:

1988, Fellow, General Thoracic Surgery, National Cancer Center Hospital, Tokyo, Japan

1987, Chief Resident, General Thoracic Surgery, Shounai Municipal Hospital, Yamagata, Japan

1985 – 1987, Resident, General Surgery, Nagai Municipal Hospital

1983 – 1984, Resident, General Surgery, Okinawa Prefectural Nanbu Hospital, Okinawa, Japan

1983, Intern, General Surgery, Yamagata University Hospital Yamagata, Japan

Board Certification:

Japanese Board of General Thoracic Surgery, December 1993 – Present

Japanese Board of Surgery, November 1987 – Present

The Japan Society for Respiratory Endoscopy, January 1998 – Present

Boards & Committees:

Japan Lung Cancer Society, Guideline Advisory Board

The Japan Society for Respiratory Endoscopy, Board of Certification

The Japanese Association for Chest Surgery, Board of Medical Measures

The Japanese Association for Thoracic Surgery, Committee for Medical Informatics

Publication:

1. Takamori S, Oizumi H, Suzuki J, Watanabe, H. Thoracoscopic anatomical individual basilar segmentectomy. *Eur J Cardiothorac Surg* 2021 Dec, Epub ahead of print.
2. Takamori S, Oizumi H, Nakamura M, Suzuki J, Utsunomiya A. Endobronchial Malignant Peripheral Nerve Sheath Tumor in a Pediatric Patient. *Ann Thorac Surg.* 2021 Oct 5
3. Kato H, Oizumi H, Suzuki J, Suzuki K, Takamori S. Roles and outcomes of thoracoscopic anatomic lung subsegmentectomy for lung cancer. *Interact Cardiovasc Thorac Surg.* 2021 Aug 26. Epub ahead of print.
4. Takamori S, Oizumi H, Suzuki J, Suzuki K. Thoracoscopic completion bilobectomy for bronchial stenosis. *Ann Thorac Surg.* 2021 Jul 5: Epub ahead of print.
5. Takamori S, Oizumi H, Utsunomiya A, Suzuki J. Thoracoscopic removal of an azygos vein aneurysm with thrombus formation. *Gen Thorac Cardiovasc Surg.* 2021 Sep;69(9):1335-1337.

6. Hamada A, Oizumi H, Kato H, Suzuki J, Nakahashi K, Takamori S, Sho R, Sadahiro M. Outcome of thoracoscopic anatomical sublobar resection under 3-dimensional computed tomography simulation. *Surg Endosc.* 2021 Apr 21. Epub ahead of print
7. Suzuki J, Oizumi H, Takamori S, Kabasawa T. Subpleural Lymphatic Permeation in Colorectal Lung Metastases. *Ann Thorac Surg.* 2021 Jul;112(1):e81. Epub 2021 Mar 23.
8. Video-Assisted Thoracoscopic Segmentectomy for Deep and Peripheral Small Lung Cancer. Takamori S, Oizumi H, Suzuki J, Suzuki K, Kabasawa T. *Thorac Cardiovasc Surg.* 2021 Published online Feb 4.
9. Long-term survival with multiple metastasectomies for pulmonary osteosarcoma: a case report. Takamori S, Oizumi H, Suzuki J, Suzuki K. *Surg Case Rep.* 2021 Jan 13;7(1):22.
10. Aspergillus Empyema with Bronchopleural Fistula due to Destroyed Lung after Postoperative Radiotherapy for Thymoma. Umetsu R, Endoh M, Suzuki K, Hayasaka K, Shiikawa M, Shiono S, Oizumi H. *Kyobu Geka.* 2020 Oct;73(11):901-904.
11. Evaluation of effects of perioperative oral care intervention on hospitalization stay and postoperative infection in patients undergoing lung cancer intervention. Ishikawa S, Yamamori I, Takamori S, Kitabatake K, Edamatsu K, Sugano A, Oizumi H, Kato H, Suzuki J, Sato K, Yusa K, Sadahiro M, Iino M. *Support Care Cancer.* 2021 Jan;29(1):135-143.
12. The Novel Procedure for Thoracoscopic Anatomical Segmentectomy. Suzuki J, Oizumi H, Kato H, Hamada A, Watarai H, Nakahashi K, Takamori S, Sadahiro M. *Kyobu Geka.* 2019 Jul;72(7):535-542.

13. Influx of air into the left atrium during lung resection. Nakahashi K, Oizumi H, Suzuki J, Hamada A, Watarai H, Takamori S, Sadahiro M. *Gen Thorac Cardiovasc Surg*. 2019 Oct;67(10):880-883.

13. The preoperative assessment of subpleural lung cancer movement to distinguish thoracic wall adhesion or invasion using four-dimensional computed-tomography. Suzuki J, Oizumi H, Watarai H, Hamada A, Nakahashi K, Takamori S, Sadahiro M. *Gen Thorac Cardiovasc Surg*. 2019 Dec;67(12):1097-1099.

14. Hyperbaric oxygen therapy for postoperative ischemic bronchitis after resection of lung cancer. Endoh M, Oizumi H, Kato H, Suzuki J, Watarai H, Hamada A, Suzuki K, Nakahashi K, Shiono S, Sadahiro M. *J Thorac Dis*. 2018 Nov;10(11):6176-6183.

15. Thoracoscopic Surgery. Oizumi H. *Kyobu Geka*. 2018 Sep;71(10):838-842.

10. Learning curve for port-access thoracoscopic anatomic lung segmentectomy. Hamada A, Oizumi H, Kato H, Suzuki J, Nakahashi K, Sho R, Sadahiro M. *J Thorac Cardiovasc Surg*. 2018 Nov;156(5):1995-2003.

16. Port-access thoracoscopic anatomical lung multiplex subsegmentectomy: S6b-S8a-S9a trisubsegmentectomy. Oizumi H, Kato H, Suzuki J, Hamada A, Nakahashi K, Sasage T, Sadahiro M. *J Thorac Dis*. 2018 Jul;10(7):4481-4483.

17. The Society for Translational Medicine: the assessment and prevention of venous thromboembolism after lung cancer surgery. Li H, Jiang G, Bölükbas S, Chen C, Chen H, Oizumi H, Zhao H, Zhi X. et al *J Thorac Dis*. 2018 May;10(5):3039-3053.

18. Pedicled gastric seromuscular patch for one-stage closure of a bronchopleural fistula: a case report. Suzuki J, Oizumi H, Kato H, Hamada A, Watarai H, Nakahashi K, Sasage T, Sadahiro M. *Surg Case Rep*. 2018 Apr 20;4(1):38.

19. Determination of the intersegmental plane using the slip-knot method.

Endoh M, Oizumi H, Kato H, Suzuki J, Watarai H, Hamada A, Suzuki K, Nakahashi K, Sadahiro M. *J Thorac Dis.* 2018 Apr;10(Suppl 10):S1222-S1228.

20. A prospective 5-year follow-up study after limited resection for lung cancer with ground-glass opacity. Sagawa M, Oizumi H, Suzuki H, Uramoto H, Usuda K, Sakurada A, Chida M, Shiono S, Abe J, Hasumi T, Sato M, Sato N, Shibuya J, Deguchi H, Okada Y. *Eur J Cardiothorac Surg.* 2018 Apr 1;53(4):849-856.

21. Venous phase contrast-enhanced computed tomography facilitates the detection of pulmonary venous tumor thrombus. Nakahashi K, Oizumi H, Kato H, Suzuki J, Hamada A, Sasage T, Sadahiro M. *Gen Thorac Cardiovasc Surg.* 2018 Aug;66(8):488-491.

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23. The time for VATS segmentectomy has come. Oizumi H. *J Vis Surg.* 2018 Jan 5;4:5.

24. Thoracoscopic left S4a subsegmentectomy. Hamada A, Oizumi H, Kato H, Suzuki J, Watarai H, Suzuki K, Sasage T, Sadahiro M. *J Thorac Dis.* 2017 Sep;9(9):3299-3301.

25. Port-access thoracoscopic bisubsegmentectomy of right upper lobe posterior and anterior segments. Kato H, Oizumi H, Suzuki J, Hamada A, Watarai H, Nakahashi K, Sadahiro M. *J Thorac Dis.* 2017 Sep;9(9):3293-3295.

26. The Society for Translational Medicine: clinical practice guidelines for the postoperative management of chest tube for patients undergoing lobectomy. Gao S, Zhang Z, Aragón J, Oizumi H, Zhi X, Zhou Q at al. *J Thorac Dis.* 2017 Sep;9(9):3255-3264.

27. Thoracoscopic anatomical lung segmentectomy using 3D computed tomography simulation without tumour markings for non-palpable and non-visualized small lung nodules. Kato H, Oizumi H, Suzuki J, Hamada A, Watarai H, Sadahiro M. *Interact Cardiovasc Thorac Surg*. 2017 Sep 1;25(3):434-441.
28. Video-assisted thoracoscopic subsegmentectomy for small-sized pulmonary nodules. Kato H, Oizumi H, Suzuki J, Hamada A, Watarai H, Nakahashi K, Sadahiro M. *J Vis Surg*. 2017 Aug 21;3:105
29. How to demarcate intersegmental plane with resected-segments inflation method using the slip knot technique in thoracoscopic anatomic segmentectomy. Endoh M, Oizumi H, Kato H, Suzuki J, Watarai H, Hamada A, Suzuki K, Shiono S. *J Vis Surg*. 2017 Aug 21;3:100.
30. Swine model for training surgeons in minimally invasive anatomic lung segmentectomy. Oizumi H, Kato H, Endoh M, Suzuki J, Watarai H, Hamada A, Suzuki K, Nakahashi K, Sadahiro M. *J Vis Surg*. 2017 May 25;3:72.
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32. Posterior approach to thoracoscopic pulmonary segmentectomy of the dorsal basal segment: A single-institute retrospective review. Endoh M, Oizumi H, Kato H, Suzuki J, Watarai H, Masaoka T, Sadahiro M. *J Thorac Cardiovasc Surg*. 2017 Oct;154(4):1432-1439.
33. Impact of H3K27 Demethylase Inhibitor GSKJ4 on NSCLC Cells Alone and in Combination with Metformin. Watarai H, Okada M, Kuramoto K, Takeda H, Sakaki H, Suzuki S, Seino S, Oizumi H, Sadahiro M, Kitanaka C. *Anticancer Res*. 2016 Nov;36(11):6083-6092.

34. Curative Left Pulmonary Resection Combined with Total En Bloc Spondylectomy for Lung Cancer Invading the Second and Third Thoracic Vertebral Bodies. Endoh M, Oizumi H, Kato H, Suzuki J, Watarai H, Hamada A, Suzuki K, Nakahashi K, Funata T, Takahashi A, Sadahiro M. *Kyobu Geka*. 2016 Sep;69(10):811-7.
35. Chest Wall Reconstruction Using Titanium Plates Sandwiched Between Sheets after Resection of Chest Wall Chondrosarcoma. Endoh M, Oizumi H, Kato H, Suzuki J, Watarai H, Hamada A, Suzuki K, Takahashi A, Nakahashi K, Sugawara M, Tsuchiya T, Sadahiro M. *Kyobu Geka*. 2016 Jul;69(7):511-5.
36. Complete Resection of Non-seminomatous Germ Cell Tumor with Plastron Approach. Suzuki J, Oizumi H, Kato H, Endoh M, Watarai H, Hamada A, Suzuki K, Nakahashi K, Sasage T, Sadahiro M. *Kyobu Geka*. 2016 Jul;69(7):499-502.
37. Management of Bronchial Stumps in Anatomic Lung Segmentectomy. Oizumi H, Kato H, Endoh M, Suzuki J, Watarai H, Suzuki K, Nakahashi K, Sadahiro M. *Ann Thorac Surg*. 2016 Jun;101(6):2120-4.
38. Removal of foreign bodies from the respiratory tract of young children: Treatment outcomes using newly developed foreign-body grasping forceps. Endoh M, Oizumi H, Kanauchi N, Kato H, Ota H, Suzuki J, Watarai H, Nakamura M, Sadahiro M. *J Pediatr Surg*. 2016 Aug;51(8):1375-9.
39. Port-access thoracoscopic anatomical right anterior segmentectomy. Oizumi H, Kato H, Endoh M, Suzuki J, Watarai H, Suzuki K, Sadahiro M. *J Vis Surg*. 2015 Nov 14;1:16.
40. Application of medical imaging to general thoracic surgery. Oizumi H. *Kyobu Geka*. 2014 Jul;67(8):697-701.
41. Port-access thoracoscopic anatomical segmentectomy for pediatric intralobar pulmonary sequestration. Inoue T, Oizumi H, Nakamura M, Sadahiro M.

Thorac Cardiovasc Surg Rep. 2014 Dec;3(1):42-4.

42. A prospective study of surgical procedures for patients with oligometastatic non-small cell lung cancer. Endo C, Hasumi T, Matsumura Y, Sato N, Deguchi H, Oizumi H, Sagawa M, Tsushima T, Takahashi S, Shibuya J, Hirose M, Kondo T. *Ann Thorac Surg.* 2014 Jul;98(1):258-64.

43. Slip knot bronchial ligation method for thoracoscopic lung segmentectomy. Oizumi H, Kato H, Endoh M, Inoue T, Watarai H, Sadahiro M. *Ann Thorac Surg.* 2014 Apr;97(4):1456-8.

44. Techniques to define segmental anatomy during segmentectomy. Oizumi H, Kato H, Endoh M, Inoue T, Watarai H, Sadahiro M. *Ann Cardiothorac Surg.* 2014 Mar;3(2):170-5.

45. Large cell neuroendocrine carcinoma of the thymus; report of a case. Yasumoto T, Oizumi H, Kato H, Inoue T, Sadahiro M. *Kyobu Geka.* 2014 Mar;67(3):251-4.

46. Long survival case of resected lung cancer after chemotherapy with gefitinib. Kato H, Oizumi H, Watarai H, Sadahiro M. *Kyobu Geka.* 2013 Aug;66(9):818-21.

47. Three-dimensional computed tomography image overlay facilitates thoracoscopic trocar placement. Oizumi H, Kato H, Watarai H, Sadahiro M. *J Thorac Cardiovasc Surg.* 2013 Sep;146(3):720-1.

48. Thoracoscopic surgery for traumatic mediastinal hematoma. Mizumoto M, Oizumi H, Kato H, Sadahiro M. *Kyobu Geka.* 2013 May;66(5):374-8.

49. Port-access thoracoscopic anatomical lung subsegmentectomy. Kato H, Oizumi H, Inoue T, Oba E, Nakamura K, Hayashi J, Watarai H, Yasumoto T, Sadahiro M. *Interact Cardiovasc Thorac Surg.* 2013 Jun;16(6):824-9.

50. Minimally invasive cardiac surgery with the aid of three-dimensional computed tomography(3DCT) image projection on the body surface. Uchida T, Kim C, Maekawa Y, Minagawa T, Mizumoto M, Yamashita A, Nakamura K, Yoshimura Y, Oizumi H, Sadahiro M. *Kyobu Geka*. 2013 Feb;66(2):106-9.

51. Procedure for lung resection in patients with small-sized lung cancer and mid-term results. Oizumi H, Kato H, Suzuki J, Watarai H, Sadahiro M. *Kyobu Geka*. 2012 Jan;65(1):47-51.

52. Morcellation technique to remove large tumor in thoracoscopic surgery. Oizumi H, Kanauchi N, Kato H, Endoh M, Suzuki J, Sadahiro M. *Ann Thorac Surg*. 2011 Sep;92(3):1141-3.

53. A technique for retrieving a lung lobe in a bag from a small wound during thoracoscopic surgery. Oizumi H, Kato H, Suzuki J, Fukaya K, Sadahiro M. *Surg Today*. 2011 Aug;41(8):1169-70.

54. Inverse correlation between EGFR mutation and FHIT, RASSF1A and RUNX3 methylation in lung adenocarcinoma: relation with smoking status. Yanagawa N, Tamura G, Oizumi H, Endoh M, Sadahiro M, Motoyama T. *Anticancer Res*. 2011 Apr;31(4):1211-4.

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58. Anatomical lung segmentectomy simulated by computed tomographic angiography. Oizumi H, Endoh M, Takeda S, Suzuki J, Fukaya K, Sadahiro M. *Ann Thorac Surg*. 2010 Oct;90(4):1382-3.

59. Anatomic thoracoscopic pulmonary segmentectomy under 3-dimensional multidetector computed tomography simulation: a report of 52 consecutive cases. Oizumi H, Kanauchi N, Kato H, Endoh M, Suzuki J, Fukaya K, Sadahiro M. *J Thorac Cardiovasc Surg*. 2011 Mar;141(3):678-82

60. Clonal expansion of multiple pulmonary leiomyomatous hamartoma: 12-year follow-up. Sugawara M, Kato N, Endo M, Oizumi H, Motoyama T. *Pathol Int*. 2009 Nov;59(11):828-30.

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62. Role of diffusion-weighted magnetic resonance imaging for predicting of tumor invasiveness for clinical stage IA non-small cell lung cancer. Kanauchi N, Oizumi H, Honma T, Kato H, Endo M, Suzuki J, Fukaya K, Sadahiro M. *Eur J Cardiothorac Surg*. 2009 Apr;35(4):706-10

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64. A bronchial glomus tumor surgically treated with segmental resection. Takahashi N, Oizumi H, Yanagawa N, Sadahiro M. *Interact Cardiovasc Thorac Surg.* 2006 Jun;5(3):258-60.
65. Promoter hypermethylation of tumor suppressor and tumor-related genes in non-small cell lung cancers. Yanagawa N, Tamura G, Oizumi H, Takahashi N, Shimazaki Y, Motoyama T. *Cancer Sci.* 2003 Jul;94(7):589-92.
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67. Removal of cartilage rings prevents graft stenosis in extended tracheal allotransplantation with omentopexy and immunosuppression: an experimental study. Masaoka T, Oizumi H, Fujishima T, Naruke Y, Shiono S, Shimazaki Y. *J Heart Lung Transplant.* 2002 Apr;21(4):485-92