

CURRICULUM VITAE

Name : Yasuo Sekine, M.D., Ph.D., MBA
Sex : Male
Birth Date : September 25, 1961
Birth Place : Tokyo, Japan
Citizenship : Japan
Office Address: Departments of Thoracic Surgery, Tokyo Women's Medical University Yachiyo Medical Center, Chiba, Japan
 477-96 Owada-Shinden, Yachiyo, Chiba, 276-8524, Japan
 Phone: +81-47-450-6000 Fax: +81-47-458-7047
 E-mail: sekine.yasuo@twmu.ac.jp

Education :

- 1987 M.D., Chiba University School of Medicine, Chiba, Japan
 1995 Ph.D., (Doctor of Medical Science), Chiba University School of Medicine, Chiba, Japan
 (Thesis: Experimental studies of donor-specific cytotoxic T lymphocytes activation during acute rejection in canine lung allotransplantation)
 2010 MBA, (Master of Business Administration with distinction), Wales University, Wales, United Kingdom
 (Thesis: Patient flow management in pediatric emergency department by queuing theory)

Professional Training and Employment:

- 1987, 4-1988, 3 Resident in Surgery, Chiba University School of Medicine, Chiba, Japan
 1988, 4-1990, 3 Medical Staff in Surgery, Anesthesiology, ICU and CCU, Chiba University Hospital, Chiba, Japan
 1990, 4-1992, 3 Instructor, Department of Surgery, Institute of Pulmonary Cancer Research, Chiba University School of Medicine, Chiba, Japan
 1992, 4-1995, 3 Staff Surgeon, Sakura National Hospital, Chiba, Japan
 1995, 4-1995, 9 Instructor, Department of Surgery, Institute of Pulmonary Cancer Research, Chiba University School of Medicine, Chiba, Japan

- 1995, 9-1998, 4 Research Associate, Indiana University School of Medicine, Indiana, USA
- 1998,5-1999, 12 Instructor, Department of Surgery, Institute of Pulmonary Cancer Research, Chiba University School of Medicine, Chiba, Japan
- 1999, 12-2000, 8 Clinical fellow, Toronto Lung Transplant Program, Toronto General Hospital, Ontario, Canada
- 2000, 8-2006, 3 Instructor, Department of Thoracic Surgery, Graduate School of Medicine, Chiba University School of Medicine, Chiba, Japan
- 2006, 4- 2008,3 Assistant Professor, Department of Thoracic Surgery, Graduate School of Medicine, Chiba University School of Medicine, Chiba, Japan
- 2008, 4-2011, 3 Associate Professor, Department of Thoracic Surgery, Tokyo Women's Medical University Yachiyo Medical Center, Chiba, Japan
- 2011, 4-present Professor, Department of Thoracic Surgery, Tokyo Women's Medical University Yachiyo Medical Center, Chiba, Japan
- 2015, 1-present Deputy-director, Tokyo Women's Medical University Yachiyo Medical Center, Chiba, Japan

Licensure and Certification:

- 1987, 5 Japanese Medical License. Registration #306238
- 1993, 9 Board certification of the Japanese Association for Thoracic Surgery #2804
- 1996, 9 Pass Standing on the Evaluating Examination of Medical Council of Canada #9544636
- 1998, 12 Board certification in the Japan Surgical Society #9014355
- 2000, 1 Certificate of registration for Post Graduate Medical Education in Ontario, Canada College Register #74454
- 2001, 12 Board certification of Japan Society for Respiratory Endoscopy #201050
- 2002, 7 Board certification of the Japan Occupational and Environmental Medicine #0200965
- 2003, 12 Board certification of the specialist in General Thoracic Surgery
- 2007, 10 Board certification of the Japan Society for Laser Surgery and Medicine
- 2013, 8 Board certification of the Japan Transplantation Society (lung transplantation)

Award:

1. The best paper of the year in 1995, Journal of Japanese College of Surgeons
[Sekine Y, Yamaguchi Y, Saitoh Y, Takeda T, Yoshida S, Fujisawa T. Diagnosis of acute

allograft rejection after lung transplantation by the detection of allospecific CTL activity. J Jpn College Surgeon 20: 122-126, 1995]

2. Outstanding presentation at the 81st Conference of Japanese Clinical Pulmonary Physiology (October 24th, 1998)

[Sekine Y, Miyata Y, Yamada K, Yamada H, Yasukawa T, Saitoh Y, Yoshida S, Fujisawa T. Evaluation of VATS bullectomy on postoperative pulmonary gas exchange -comparison to axillary thoracotomy-

3. Young Investigator Award at Chest 2004

Sekine Y, Yoshida S, Shinozuka N, Satoh J, Yasufuku K, Iwata T, Saitoh Y, Fujisawa T. The Efficacy of partial liquid ventilation on lung protection during hypotension and cardiac arrest: preliminary study for lung transplantation from non-heart beating donors.

Societies :

	year
The Japan Surgical Society	1987-present
The Japan Society for Transplantation	1990-present
Japanese Association for Thoracic Surgery	1987-present
Japanese Association for Chest Surgery	1987-present
The Japan Lung Cancer Society	1987-present
The Japan Society for Bronchology	1987-present
Japan Society of Chest Diseases	1987-1995
Japan association for clinical respiratory physiology	1995-present
International Society for Heart and Lung Transplantation	2001-present
International Association for the Study of Lung Cancer	2001-present
American College of Chest Physician	2001-present
Japan Society for Laser Surgery and Medicine	2006-present

Activity

1. Board of the Japan Society for Bronchology 2000-2001
2. Program committee of the Japan Clinical Respiratory Physiology 2001-2003
3. Lung transplant committee of Japanese Association for Chest Surgery 2005-2007
4. Secretary General of the 27th annual meeting of the Japan Society for Laser Surgery and Medicine 2005-2006

5. Board qualification committee of the General Thoracic Surgery 2006
6. Committee for early detection of malignant mesothelioma 2005-2007
7. Advanced instructor of the committee for the Respiratory
Physiotherapy 2005-present
8. Editorial board of the Japanese Association for Chest Surgery 2006- present
9. Board of regents of the Japan Society for Laser Surgery and
Medicine 2006-present
10. Committee of national insurance of the Japan Lung Cancer Society 2015-present
11. Committee of lung cancer staging of the Japan Lung Cancer Society 2015-present

Papers (2021/5/7)				(First author)				
Original	English	Total	104	First & corresponding	author	39 (30)	Co-author	65
	Japanese	Total	50	First & corresponding	author	26 (16)	Co-author	24
Case report	English	Total	31	First & corresponding	author	14 (3)	Co-author	17
	Japanese	Total	9	First & corresponding	author	2(1)	Co-author	7
review	English	Total	4	First & corresponding	author	2 (2)	Co-author	2
	Japanese	Total	47	First & corresponding	author	23 (23)	Co-author	24
Textbook	English	Total	1	First & corresponding	author	0 (0)	Co-author	1
	Japanese	Total	16	First & corresponding	author	13 (13)	Co-author	3
total	English	Total	140	First & corresponding	author	55 (35)	Co-author	85
	Japanese	Total	122	First & corresponding	author	64 (53)	Co-author	58
total		Total	262			119 (88)	143	

Clinical and basic research interests

Surgical treatment for low pulmonary function (lung cancer combined with COPD/IP)

Perioperative respiratory physiology

Thoracic surgery (New technology with fluorescence guided surgery)

Bronchoplasty, vascular reconstruction

Lung transplantation (preservation and transplant immunology)

Minimally invasive surgery

Original articles (English papers) © : First or corresponding author

1. Fujisawa T, Saitoh Y, Urabe N, Takeda T, Sekine Y, Baba M, Yamaguchi Y. Dose study of the immunosuppression of FK506 in canine lung allo-transplantation. **Surgery Today** 23: 338-343, 1993
2. Urabe N, Fujisawa T, Saitoh Y, Takeda T, Sekine Y, Yamaguchi Y, Kimizuka G, Terano T. The capacity of dog lung to release prostaglandin I2 as a biochemical parameter for evaluating lung damage during preservation. **Transplantation** 57: 194-198, 1994
- ©3. Sekine Y, Yamada K, Fujisawa T, Miyata Y, Yasukawa T, Yamaguchi Y. The role of endothelin on the cardiopulmonary circulation after lobectomy. **Ann Thorac Cardiovasc Surg** 2: 133-140, 1996
4. Fujisawa T, Yamaguchi Y, Saitoh Y, Sekine Y, Yoshida S, Mitsunaga S, Iizasa T. Stent implantation for benign and malignant stenosis of the tracheobronchus. **Ann Thorac Cardiovasc Surg** 2: 341-346, 1996
5. Fujisawa T, Yamaguchi Y, Saitoh Y, Sekine Y, Yoshida S, Yasukawa T, Mitsunaga S, Iizasa T. Endoscopic Nd: YAG laser treatment as a curative modality for benign neoplasms of the tracheobronchus. **Ann Thorac Cardiovasc Surg** 2: 411-416, 1996
6. Fujisawa T, Saitoh Y, Baba M, Shiba M, Sekine Y, Takeda T, Yoshida S, Yamaguchi Y. Endoscopic Nd: YAG Laser treatment in the perioperative management of tracheobronchoplasty. **Diagnostic and Therapeutic Endoscopy** 3: 53-59, 1996
7. Bando K, Turrentine MW, Ensing GJ, Sun K, Sharp TG, Sekine Y, Girod DA, Brown JW. Surgical management of total anomalous pulmonary venous connection -Thirty year trends. **Circulation** 94 [suppl II]: II-12- II-16, 1996
8. Bando K, Turrentine MW, Sharp TG, Sekine Y, Aufiero TX, Sun K, Sekine E, Brown JW. Pulmonary hypertension after operations for congenital heart disease: analysis of risk factors and management. **J Thorac Cardiovasc Surg** 112: 1600-1609, 1996
9. Fujisawa T, Yamaguchi Y, Saitoh Y, Sekine Y, Iizasa T, Mitsunaga S, Hiroshima K, Ohwada H. Factors influencing survival following pulmonary resection for metastatic colorectal carcinoma. **Tohoku J Exp Med** 180: 153-160, 1996
- ©10. Sekine Y, Fujisawa T, Saitoh Y, Takeda T, Yoshida S, Urabe N, Baba M, Yamaguchi Y. Donor-specific cytotoxic lymphocyte activity from bronchoalveolar lavage during

- acute canine lung allograft rejection. **Eur J Cardio-thorac Surg** 11: 902-909, 1997
- ©11. Sekine Y, Bowen LK, Heidler KM, Van Rooijen N, Brown JW, Cummings OW, Wilkes DS. Role of passenger leukocytes in allograft rejection: Effect of depletion of donor alveolar macrophages on the local production of TNF- α , T helper 1/T helper 2 cytokines, and IgG subclasses, and pathology in a rat model of lung transplantation. **J Immunol** 159: 4084-4093, 1997
12. Bando K, Vijayaraghavan P, Turrentine MW, Sharp TG, Ensing GJ, Sekine Y, Szekely L, Morelock RJ, Brown JW. Dynamic changes of endothelin-1, nitric oxide, and cyclic GMP in patients with congenital heart disease. **Circulation** 96[suppl II]: II-346-II-351, 1997
13. Bando K, Vijayaraghavan P, Turrentine MW, Sharp TG, Means LJ, Ensing GJ, Lalone BJ, Sekine Y, Szekely L, Brown JW. Dilutional and modified ultrafiltration after operations for congenital heart disease: A prospective randomized study. **J Thorac Cardiovasc Surg** 115: 517-527, 1998
14. Bando K, Turrentine MW, Vijay P, Sharp TG, Sekine Y, Lalone BJ, Szekely L, Brown JW. Effect of modified ultrafiltration in high-risk patients undergoing operations for congenital heart disease. **Ann Thorac Surg** 66: 821-827, 1998
15. Fujisawa T, Yamaguchi Y, Saitoh Y, Sekine Y, Takeda T. A new Nd:YAG laser-bearing angioscope is useful for visualizing and treating lesions of the superior vena cava and the right-sided chambers of the heart. **Vascular Surgery** 32: 471-477, 1998
16. Saitoh Y, Fujisawa T, Shiba M, Yoshida S, Sekine Y, Baba M, Iizasa T, Kubota M. Prognostic factors in surgical treatment of solitary brain metastasis after resection of non-small-cell lung cancer. **Lung Cancer** 24: 99-106, 1999
- ©17. Sekine Y, Miyata Y, Yamada K, Yamada H, Yasukawa T, Saitoh Y, Yoshida S, Fujisawa T. Video-assisted thoracoscopic surgery does not deteriorate postoperative pulmonary gas exchange in spontaneous pneumothorax patients. **Eur J Cardio-thorac Surg** 16: 48-53, 1999
18. Fujisawa T, Iizasa T, Saitoh Y, Sekine Y, Motohashi S, Yasukawa T, Shibuya K, Hiroshima K, Ohwada H. Smoking before surgery predicts poor long-term survival in patients with stage I non-small cell lung carcinomas. **J Clin Oncology** 17:2086-

2091, 1999

- ©19. Sekine Y, Miyata Y, Yamada K, Yamada H, Yasukawa T, Yoshida S, Saitoh Y, Fujisawa T. Evaluation of pulmonary gas exchange after lobectomy and simple thoracotomy. **Scand Cardiovasc J** 34:339–44, 2000
- ©20. Sekine Y, Yasufuku K, Heidler KM, Cummings OW, Van Rooijen N, Fujisawa T, Brown JW, Wilkes DS. MCP-1 and RANTES are chemotactic for graft infiltrating lymphocytes during acute lung allograft rejection. **Am J Respir Cell Mol Biol** 23:719–726, 2000
21. Fischer S, Matte-Martyn A, de Perrot M, Waddell TK, Sekine Y, Hutcheon M, Keshavjee S. Low-potassium dextran preservation solution improves lung function after human lung transplantation. **J Thorac Cardiovasc Surg** 121:594–596, 2001
22. Shibuya K, Fujisawa T, Hoshino H, Baba M, Saitoh Y, Iizasa T, Sekine Y, Suzuki M, Hiroshima K, Ohwada H. Increased telomerase activity and elevated hTERT mRNA expression during multistage carcinogenesis of squamous cell carcinoma of the lung. **Cancer** 92: 849–855, 2001.
- ©23. Sekine Y, Kesler KA, Behnia M, Brooks-Brunn JA, Sekine E, Brown JW. COPD may increase the incidence of refractory supraventricular arrhythmias following pulmonary resection for non-small cell lung cancer **Chest** 120: 1783–1790, 2001
24. Suzuki M, Baba M, Saitoh Y, Iizasa T, Shibuya K, Sekine Y, Otsuji M, Yoshida S, Fujisawa T. Influence of previous gastrectomy upon the peri-operative course and long-term survival of surgically treated lung cancer patients. **J Surg Invest** 3: 159–164, 2001
25. Baba M, Sekine Y, Suzuki M, Yoshida S, Shibuya K, Iizasa T, Saitoh Y, Onuma EK, Ohwada H, Fujisawa T. Correlation between endobronchial ultrasonography (EBUS) images and histologic findings in normal and tumor-invaded bronchial wall. **Lung Cancer** 35: 65–71, 2002.
26. Suzuki M, Iizasa T, Ko E, Baba M, Saitoh Y, Shibuya K, Sekine Y, Yoshida S, Hiroshima K, Fujisawa T. Serum endostatin correlates with progression and prognosis of non-small cell lung cancer. **Lung Cancer** 35: 29–34, 2002.
27. de Perrot M, Sekine Y, Fischer S, Waddell TK, McRae K, Liu M, Wigle DA, Keshavjee S. Interleukin-8 Release during Early Reperfusion Predicts Graft Function in Human

Lung Transplantation. **Am J Respir Crit Care Med** 165: 211–215, 2002

- ©28. Pierre AF, Sekine Y, Hutcheon MA, Waddell TK, Keshavjee SH. Marginal donor lungs: a re-reassessment. **J Thorac Cardiovasc Surg** 123: 421–428, 2002
29. Suzuki M, Otsuji M, Baba M, Saitoh Y, Iizasa T, Shibuya K, Sekine Y, Yoshida S, Fujisawa T. Bronchopleural fistula after lung cancer surgery. Multivariate analysis of risk factors. **J Cardiovasc Surg** 43: 263–267, 2002
- ©30. Sekine Y, Behnia M, Fujisawa T. Impact of COPD on pulmonary complications and long term survival in patients with surgical treatment for NSCLC. **Lung Cancer** 37: 95–101, 2002
31. Baba M, Iyoda A, Yasufuku K, Haga Y, Hoshino H, Sekine Y, Shibuya K, Iizasa T, Saitoh Y, Hiroshima K, Fujisawa T. Preoperative cytodiagnosis of very small-sized peripheral-type primary lung cancer. **Lung Cancer** 37: 277–280, 2002.
32. de Perrot M, Fischer S, Bründler MA, Sekine Y, Keshavjee S. Solitary fibrous tumors of the pleura. **Ann Thorac Surg** 74: 285–293, 2002
33. Iyoda A, Suzuki M, Chiyo M, Moriya Y, Yasufuku K, Yoshida S, Sekine Y, Shibuya K, Iizasa T, Saitoh Y, Hiroshima K, Baba M, Fujisawa T. A new thin-type bronchoscope improves diagnostic accuracy of peripheral pulmonary carcinoma. **Oncol Rep** 10: 387–389, 2003
- ©34. Sekine Y, Iwata T, Chiyo M, Yasufuku K, Motohashi S, Yoshida S, Suzuki M, Iizasa T, Saitoh Y, Fujisawa T. Minimal alteration of pulmonary function after lobectomy in lung cancer patients with COPD. **Ann Thorac Surg** 76: 356–361, 2003
- ©35. Sekine Y, Chiyo M, Iwata T, Tatsumi K, Yasufuku K, Iyoda A, Otsuji M, Yoshida S, Shibuya K, Iizasa T, Saitoh Y, Fujisawa T. (**Equal contributions of the first and the second authors**). Impact of interstitial lung disease on surgical morbidity and mortality for lung cancer: Analyses of short and long-term outcomes. **J Thorac Cardiovasc Surg** 126: 1141–1146, 2003
36. Shibuya K, Hoshino H, Chiyo M, Iyoda A, Yoshida S, Sekine Y, Iizasa T, Saitoh Y, Baba M, Hiroshima K, Ohwada H, Fujisawa T. High magnification bronchovideoscopy combined with narrow band imaging could detect capillary loops of angiogenic

squamous dysplasia in heavy smokers at high risk for lung cancer. **Thorax** 58:989-95, 2003

- ©37. Sekine Y, Waddell TK, Matte-Martyn A, Pierre AF, de Perrot M, Marshall J, Granton J, Hutcheon MA, Fischer S, Keshavjee S. Risk quantification of early outcome after lung transplantation: Donor, recipient, operative and post-transplant parameters. **J Heart Lung Transplant** 13: 96-104, 2004
38. Yasufuku K, Chhajed PN, Sekine Y, Nakajima T, Chiyo M, Iyoda A, Yoshida S, Otsuji M, Shibuya K, Iizasa T, Saitoh Y, Fujisawa T. Endobronchial ultrasound using a new convex probe: A preliminary study on surgically resected specimens. **Oncol Rep** 11: 293-296, 2004
39. Iizasa T, Suzuki M, Yasufuku K, Iyoda A, Otsuji M, Yoshida S, Sekine Y, Shibuya K, Saitoh Y, Hiroshima K, Fujisawa T. Preoperative pulmonary function as a prognostic factor for stage I non-small cell lung carcinoma. **Ann Thorac Surg** 77: 1896-903, 2004
40. Iyoda A, Hiroshima K, Moriya Y, Mizobuchi T, Otsuji M, Sekine Y, Shibuya K, Iizasa T, Saitoh Y, Fujisawa T. Pulmonary large cell neuroendocrine carcinoma demonstrates high proliferative activity. **Ann Thorac Surg** 77: 1891-1895, 2004
41. Mizobuchi T, Sekine Y, Yasufuku K, Fujisawa T, Wilkes DS. Comparison of surgical procedures for vascular and airway anastomoses that utilize a modified non-suture external cuff technique for experimental lung transplantation in rats. **J Heart Lung Transplant**. 2004; 23: 889-93.
42. Yasufuku K, Chiyo M, Sekine Y, Chhajed PN, Shibuya K, Iizasa T, Fujisawa T. Real-time endobronchial ultrasound-guided transbronchial needle aspiration of mediastinal and hilar lymph nodes. **Chest** 2004; 126: 122-8.
43. Iizasa T, Chang H, Suzuki M, Otsuji M, Yokoi S, Chiyo M, Motohashi S, Yasufuku K, Sekine Y, Iyoda A, Shibuya K, Hiroshima K, Fujisawa T. Overexpression of collagen XVIII is associated with poor outcome and elevated levels of circulating serum endostatin in non-small cell lung cancer. **Clin Cancer Res** 2004; 10: 5361-6.
44. Moriya Y, Iyoda A, Hiroshima K, Sekine Y, Shibuya K, Iizasa T, Saitoh Y, Fujisawa T. Clinicopathological Analysis of Clinical N0 Peripheral Lung Cancers with a

- Diameter of 1 cm or Less. **Thorac Cardiovasc Surg** 2004; 52: 196–9.
45. Hoshino H, Shibuya K, Chiyo M, Iyoda A, Yoshida S, Sekine Y, Iizasa T, Saitoh Y, Baba M, Hiroshima K, Ohwada H, Fujisawa T. Biological features of bronchial squamous dysplasia followed up by autofluorescence bronchoscopy. **Lung Cancer** 2004; 46: 187–96.
46. Yasufuku K, Chiyo M, Iwata T, Yashiro T, Yamaji H, Moriya Y, Motohashi S, Iyoda A, Otsuji M, Sekine Y, Shibuya K, Iizasa T, Fujisawa T. Endobronchial Ultrasound guided biopsy in respiratory disease - real-time endobronchial ultrasound guided transbronchial needle aspiration. **J Jpn Society for Resp Endoscopy** 2004; 26: 704–710.
47. Iyoda A, Hiroshima K, Shiba M, Haga Y, Moriya Y, Sekine Y, Shibuya K, Iizasa T, Fujisawa T. Clinicopathological analysis of pulmonary sclerosing hemangioma. **Ann Thorac Surg.** 2004; 78: 1928–31.
- ©48. Yoshida S, Sekine Y, Saitoh Y, Yasufuku K, Iwata T, Fujisawa T. Surgical Technique of experimental lung transplantation in rabbits. **Ann Thorac Cardiovasc Surg.** 2005; 11: 7–11
49. Chiyo M, Shibuya K, Hoshino H, Yasufuku K, Sekine Y, Iizasa T, Hiroshima K, Fujisawa T. Effective detection of bronchial preinvasive lesions by a new autofluorescence imaging bronchovideoscope system. **Lung Cancer.** 2005; 48: 307–13.
- ©50. Sekine, Y, Chiyo M, Iwata T, Yasufuku K, Furukawa S, Iizasa T, Fujisawa T. Perioperative rehabilitation and physiotherapy for lung cancer patients with chronic obstructive pulmonary disease. **Jpn J Thorac Cardiovasc Surg.** 2005; 53: 237–243
- ©51. Sekine Y, Yoshida S, Shinozuka N, Satoh J, Yasufuku K, Iwata T, Saitoh Y, Fujisawa T (Equal contributions of the first and the second authors). The efficacy of partial liquid ventilation on lung protection during hypotension and cardiac arrest: Preliminary study for lung transplantation from non-heart beating donors. **J Heart Lung Transplant.** 2005; 24: 723–9
- ©52. Iwata T, Sekine Y, Shibuya K, Yasufuku K, Iyoda A, Iizasa T, Saito Y, Fujisawa T. Early open thoracotomy and mediastinopleural irrigation for severe descending

- necrotizing mediastinitis. **Eur J Cardio-thorac Surg.** 2005; 28: 384-8.
53. Yasufuku K, Chiyo M, Koh E, Moriya Y, Iyoda A, Sekine Y, Shibuya K, Iizasa T, Fujisawa T. Endobronchial ultrasound guided transbronchial needle aspiration for staging of lung cancer. **Lung Cancer.** 2005;50:347-54.
- ©54. Sekine Y, Saitoh Y, Chiyo M, Yasufuku K, Iyoda A, Shibuya K, Iizasa T, Fujisawa T. Characteristics of tumor extension requiring bronchoplasty and pneumonectomy in lung cancer and positive bronchoscopic findings. **Surgery Today.** 2006;36:491-8.
- ©55. Sekine Y, Kawaguchi N, Hamada C, Sekiguchi H, Yasufuku K, Iyoda A, Shibuya K, Fujisawa T. Does perioperative high-dose prednisolone have clinical benefits for generalized myasthenia gravis? **Eur J Cardio-thorac Surg.** 2006;29:908-13.
56. Iyoda A, Baba M, Shibuya K, Moriya Y, Yasufuku K, Sekine Y, Iizasa T, Hiroshima K, Nakatani Y, Fujisawa T. Transbronchial fine needle aspiration cytological examination: a useful tool for diagnosing primary lung cancer. **Thorac Cardiovasc Surg.** 2006;54:117-9.
57. Iyoda A, Hiroshima K, Moriya Y, Sekine Y, Shibuya K, Iizasa T, Nakatani Y, Fujisawa T. Prognostic impact of large cell neuroendocrine histology in patients with pathologic stage Ia pulmonary non-small cell carcinoma. **J Thorac Cardiovasc Surg.** 2006;132:312-5.
58. Uno T, Isobe K, Kawakami H, Ueno N, Kawata T, Yamamoto S, Sekine Y, Iyoda A, Iizasa T, Fujisawa T, Shigematsu N, Ito H. Dose-volume factors predicting radiation pneumonitis in patients receiving salvage radiotherapy for postlobectomy locoregional recurrent non-small-cell lung cancer. **Int J Clin Oncol.** 2006;11:55-9.
59. Yasufuku K, Nakajima T, Motoori K, Sekine Y, Shibuya K, Hiroshima K, Fujisawa T. Comparison of endobronchial ultrasound, positron emission tomography, and CT for lymph node staging of lung cancer. **Chest.** 2006; 130:710-8.
60. Iyoda A, Hiroshima K, Moriya Y, Takiguchi Y, Sekine Y, Shibuya K, Iizasa T, Kimura H, Nakatani Y, Fujisawa T. Prospective study of adjuvant chemotherapy for pulmonary large cell neuroendocrine carcinoma. **Ann Thorac Surg.** 2006; 82: 1802-7.
61. Mohamed S, Yasufuku K, Hiroshima K, Nakajima T, Yoshida S, Suzuki M, Sekine Y, Shibuya K, Iizasa T, Farouk A, Fujisawa T. Prognostic implication of cell cycle-

- related proteins in primary respectable pN2 non-small cell lung cancer. **Cancer** 2007; 109: 2506-14
62. Wong M, Yasufuku K, Nakajima T, Herth FJF, Sekine Y, Shibuya K, Iizasa T, Hiroshima K, Lam WK, Fujisawa T. Endobronchial ultrasound: New insight for the diagnosis of sarcoidosis **Eur Resp J** 2007; 29: 1182-6.
63. Suzuki M, Shigematsu H, Nakajima T, Kubo R, Motohashi S, Sekine Y, Shibuya K, Iizasa T, Hiroshima K, Nakatani Y, Gazdar AF, Fujisawa T. Synchronous alterations of Wnt and epidermal growth factor receptor signaling pathways through aberrant methylation and mutation in non small cell lung cancer. **Clin Cancer Res.** 2007; 13: 6087-92.
64. Nakajima T, Kimura H, Suzuki M, Wada H, Ando S, Lida T, Sekine Y, Fujisawa T. A prospective phase II study of a new treatment protocol for NSCLC combined with preoperative mediastinoscopy and chemotherapy. **Thorac Cardiovasc Surg** 2007; 55: 317-21.
65. Nakajima T, Yasufuku K, Suzuki M, Hiroshima K, Kubo R, Mohammed S, Miyagi Y, Matsukuma S, Sekine Y, Fujisawa T. Assessment of epidermal growth factor receptor mutation by endobronchial ultrasound-guided transbronchial needle aspiration. **Chest.** 2007 ;132: 597-602.
- ©66. Sekine Y, Yamada Y, Chiyo M, Iwata T, Nakajima T, Yasufuku K, Suzuki M, Fujisawa T. Association of chronic obstructive pulmonary disease and tumor recurrence in patients with stage IA lung cancer after complete resection. **Ann Thorac Surg** 2007; 84: 946-50
67. Nakajima T, Yasufuku K, Iyoda A, Yoshida S, Suzuki M, Sekine Y, Shibuya K, Hiroshima K, Nakatani Y, Fujisawa T. The evaluation of lymph node metastasis by EBUS-TBNA: crucial for selection of surgical candidates in metastatic lung tumors. **J Thorac Cardiovasc Surg.** 2007;134:1485-90
68. Suzuki M, Shigematsu H, Nakajima T, Kubo R, Motohashi S, Sekine Y, Shibuya K, Iizasa T, Hiroshima K, Nakatani Y, Gazdar AF, Fujisawa T. Synchronous alterations of Wnt and epidermal growth factor receptor signaling pathways through aberrant methylation and mutation in non-small cell lung cancer. **Clin Cancer Res**

200713:6087-92

69. Mizobuchi T, Nakajima T, Shibuya K, Iyoda A, Suzuki M, Sekine Y, Fujisawa T. Progress in treatments of complications associated with surgery in lung cancer patients on dialysis. **Chirurgia**. 2007; 20: 221-4.
70. Bando T, Date H, Minami M, Kondo T, Shiraishi T, Miyoshi S, Sekine Y, Nagayasu. First registry report: lung transplantation in Japan : The Japanese Society of Lung and Heart-Lung Transplantation. **Gen Thorac Cardiovasc Surg**. 2008;56:17-21.
71. Mohamed S, Yasufuku K, Nakajima T, Hiroshima K, Kubo R, Iyoda A, Yoshida S, Suzuki M, Sekine Y, Shibuya K, Farouk A, Fujisawa T. Analysis of cell cycle-related proteins in mediastinal lymph nodes of patients with N2-NSCLC obtained by EBUS-TBNA: relevance to chemotherapy response. **Thorax**. 2008; 63: 642-7.
72. Suzuki M, Mohamed S, Nakajima T, Kubo R, Tian L, Fujiwara T, Suzuki H, Nagato K, Chiyo M, Motohashi S, Yasufuku K, Iyoda A, Yoshida S, Sekine Y, Shibuya K, Hiroshima K, Nakatani Y, Yoshino I, Fujisawa T. Aberrant methylation of CXCL12 in non-small cell lung cancer is associated with an unfavorable prognosis. **Int J Oncol**. 2008; 33: 113-9.
73. Nakajima T, Yasufuku K, Fujiwara T, Chiyo M, Sekine Y, Shibuya K, Hiroshima K, Yoshino I. Endobronchial ultrasound-guided transbronchial needle aspiration for the diagnosis of intrapulmonary lesions. **J Thorac Oncol**. 2008; 3: 985-8.
74. Tian L, Suzuki M, Nakajima T, Kubo R, Sekine Y, Shibuya K, Hiroshima K, Nakatani Y, Fujisawa T, Yoshino I; and the Thoracic Surgery Group Clinical significance of aberrant methylation of prostaglandin E receptor 2 (PTGER2) in nonsmall cell lung cancer: association with prognosis, PTGER2 expression, and epidermal growth factor receptor mutation. **Cancer** 2008;113:1396-403.
75. Mohamed S, Yasufuku K, Nakajima T, Hiroshima K, Chiyo M, Yoshida S, Suzuki M, Sekine Y, Shibuya K, Agamy G, El-Shahhat H, Fujisawa T, Yoshino I. Nuclear Survivin in pN2 Non-small Cell Lung Cancer : Prognostic and Clinical Implications. **Eur Respir J**. 2009; 33: 127-33.
76. Mizuno S, Takiguchi Y, Fujikawa A, Motoori K, Tada Y, Kurosu K, Sekine Y, Yanagawa N, Hiroshima K, Muraoka K, Mitsushima T, Niki N, Tanabe N, Tatsumi K, Kuriyama T.

Chronic obstructive pulmonary disease and interstitial lung disease in patients with lung cancer. **Respirology** 2009;14:377–83.

77. Yamada Y, Sekine Y, Yoshida S, Yasufuku K, Petrache I, Benson HL, Brand DD, Yoshino I, Wilkes DS. Type V collagen-induced oral tolerance plus low-dose cyclosporine prevents rejection of MHC class I and II incompatible lung allografts. **J Immunol.** 2009;183:237–45.
78. Shiraishi T, Okada Y, Sekine Y, Chida M, Bando T, Minami M, Oto T, Nagayasu T, Date H, Kondo T. Registry of the Japanese Society of Lung and Heart-Lung Transplantation: the official Japanese lung transplantation report 2008. **Gen Thorac Cardiovasc Surg.** 2009;57:395–401
- ©79. Nakajima T, Sekine Y, Yamada Y, Suzuki H, Yasufuku K, Yoshida S, Suzuki M, Shibuya K, Fujisawa T, Yoshino I. Long-term surgical outcome in patients with Lung Cancer and coexisting severe COPD. **Thorac Cardiovasc Surg.** 2009;57:339–42
- ©80. Sekine Y, Yamada Y, Suzuki H, Iwata T, Chiyo M, Nakajima T, Yasufuku K, Yoshida S (**Equal contributions of the first and the second authors**). Trends of bacterial colonisation and the risk of postoperative pneumonia in lung cancer patients with chronic obstructive pulmonary disease. **Eur J Cardiothorac Surg.** 2010;37:752–7
- ©81. Sekine Y, Suzuki H, Saitoh Y, Wada H, Yoshida S. Prosthetic reconstruction of the superior vena cava for malignant disease – Surgical techniques and outcomes - **Ann Thorac Surg** 2010;90:223–8.
- ©82. Sekine Y, Suzuki H, Nakajima T, Yasufuku K, Yoshida S, Suzuki M, Shibuya K, Mizuno S, Takiguchi Y, Tatsumi K, Yoshino I (**Equal contributions of the first and the second authors**). Efficacy of peri-operative administration of long-acting bronchodilator on post-operative pulmonary function and quality of life in lung cancer patients with chronic obstructive pulmonary disease – Preliminary results of a randomized control study – **Surgery Today** 2010;40:923–930.
- ©83. Sekine Y, Suzuki H, Nakajima T, Yasufuku K, Yoshida S. Risk quantification for pulmonary complications after lung cancer surgery **Surgery Today** 2010;40:1027–1033
- ©84. Sekine Y, Suzuki H, Yoshida S, Yonemori Y, Nakatani Y, Mizuno S, Takiguchi Y,

- Yoshino I (**Equal contributions of the first and the second authors**). Risk of acute exacerbation of interstitial pneumonia after pulmonary resection for lung cancer in patients with idiopathic pulmonary fibrosis based on preoperative high-resolution computed tomography. **Surgery Today** 2011;41:914-921.
- ©85. Sekine Y, Suzuki H, Saito K, Nakajima T, Sakairi Y, Yoshida S, Yoshino I (**Equal contributions of the first and the second authors**). Innovative technique of transbronchial radiofrequency ablation for intrapulmonary tumors A preliminary study in a rabbit model. **J Bronchol Intervent Pulmonol** 2011;18:211-217.
- ©86. Sekine Y, Koh E, Oishi H, Miwa M. A Simple and effective technique for identification of intersegmental planes by infrared thoracoscopy after transbronchial injection of indocyanine green. **J Thorac Cardiovasc Surg** 2012;143(6):1330-5
87. Koh E, Iizasa T, Yamaji H, Sekine Y, Hiroshima K, Yoshino I, Fujisawa T. Significance of the Correlation Between the Expression of Interleukin 6 and Clinical Features in Patients With Non-Small-Cell Lung Cancer. **Int J Surg Pathol**. 2012;20(3):233-9.
88. Koh E, Sekine Y, Saitoh Y, Kishi H. Pneumothorax at menses caused by concomitant diaphragmatic endometriosis and a leaking bulla. **Indian J Thorac Cardiovasc Surg** 2012;20:33-9.
- ©89. Sekine Y, Suzuki H, Yamada Y, Koh E, Yoshino I. Severity of chronic obstructive pulmonary disease and its relationship to lung cancer prognosis after surgical resection. **Thorac Cardiovasc Surg** 2013;61(2):124-30
- ©90. Sekine Y, Fujisawa T, Suzuki K, Tsutatani S, Kubota K, Ikegami H, Isobe Y, Nakamura M, Takiguchi, Y, Tatsumi K. Detection of chronic obstructive pulmonary disease in community-based annual lung cancer screening: Chiba COPD lung cancer screening study group. **Respirology** 2014;19:98-104
- ©91. Sekine Y, Sakairi Y, Yoshino M, Koh E, Hata A, Suzuki H, Yoshino I. The impact of combined pulmonary fibrosis and chronic obstructive pulmonary disease on long-term survival after lung cancer surgery **Thorac Cardiovasc Surg** 2014;62(4):332-7
- ©92. Sekine Y, Yanagihori R, Suzuki K, Sugiyama S, Yamaji H, Ishibashi M, Fujisawa T. Surveillance of chronic obstructive pulmonary disease in high-risk individuals by

using regional lung-cancer mass screening **Int J COPD** 2014;9:647-656.

http://www.dovepress.com/articles.php?article_id=17314

- ©93. Hata A, Sekine Y, Koh E, Yamaguchi N. Preoperative exercise testing is a better predictor of postoperative complications than pulmonary function testing for patients with lung cancer **Open J Thorac Surg.** 2015;5 : 15-20
<http://www.scirp.org/Journal/PaperInformation.aspx?PaperID=55111>
- ©94. Hata A, Sekine Y, Ohashi K, Koh E, Yoshino I. Impact of combined pulmonary fibrosis and emphysema on surgical complications and long-term survivals in patients undergoing surgery for non-small cell lung cancer **Int J COPD** 2016;11:1261-1268 https://www.dovepress.com/articles.php?article_id=27356
95. Hiroshima K, Wu D, Hasegawa M, Koh E, Sekine Y, Ozaki D, Yusa T, Walts AE, Marchevsky AM, Nabeshima K, Tada Y, Shimada H, Tagawa M. Cytologic Differential Diagnosis of Malignant Mesothelioma and Reactive Mesothelial Cells With FISH Analysis of p16. **Diagn Cytopathol.** 2016;44(7):591-8
96. Sato M, Kuwata T, Yamanashi K, Kitamura A, Misawa K, Imashimizu K, Kobayashi M, Ikeda M, Koike T, Kosaka S, Fukai R, Sekine Y, Isowa N, Hirayama S, Sakai H, Watanabe F, Nagayama K, Aoyama A, Date H, Nakajima J Safety and reproducibility of virtual-assisted lung mapping: a multicentre study in Japan **Eur J Cardiothorac Surg.** 2017 Jan 2. pii: ezw395. doi: 10.1093/ejcts/ezw395.
97. Wu D, Hiroshima K, Yusa T, Ozaki D, Koh E, Sekine Y, Matsumoto S, Nabeshima K, Sato A, Tsujimura T, Yamakawa H, Tada Y, Shimada H, Tagawa M. Usefulness of p16/CDKN2A fluorescence in situ hybridization and BAP1 immunohistochemistry for the diagnosis of biphasic mesothelioma. **Ann Diagn Pathol.** 2017 Feb;26:31-37. doi: 10.1016/j.anndiagpath.2016.10.010
- ©98. Sekine Y, Saitoh Y, Yoshino M, Koh E, Hata A, Inage T, Suzuki H, Yoshino I. Evaluating vertebral artery dominance before T4 lung cancer surgery requiring subclavian artery reconstruction. **Surgery Today,** 2018;48(2):158-166, 1-9 DOI 10.1007/s00595-017-1573-z
- ©99. Arimura K, Sekine Y, Hiroshima K, Sato A, Hasegawa M, Katsura H, Tagaya E, Kondo M, Tamaoki J. The efficacy of transbronchial needle aspiration with endobronchial

ultrasonography using a guide sheath for peripheral pulmonary lesions suspected to be lung cancer. **Respir Investig.** 2017;55(6):365–371. doi: 10.1016/j.resinv.2017.08.004. Epub 2017 Oct 7.

- ©100. Sekine Y, Itoh T, Toyoda T, Kaiho T, Koh E, Kamata T, Hoshino H, Hata A. Precise anatomical sublobar resection using a 3D medical image analyzer and fluorescence-guided surgery with transbronchial instillation of indocyanine green. **Semin Thorac Cardiovasc Surg.** 2019 Jan 4. pii: S1043-0679(18)30413-1. doi: 10.1053/j.semtcvs.2019.01.004. [Epub ahead of print]
- ©101. Arimura K, Sekine Y, Hiroshima K, Shimizu S, Shibata N, Kondo K, Takeyama1 K, Tagaya E. PD-L1, FGFR1, PIK3CA, PTEN, and p16 expression in pulmonary emphysema and chronic obstructive pulmonary disease with resected lung squamous cell carcinoma **BMC Pulm Med** 2019;19:169 doi: 10.1186/s12890-019-0913-8
102. Hiroshima K, Wu D, Hamakawa S, Tsuruoka S, Ozaki D, Orikasa H, Hasegawa M, Koh E, Sekine Y, Yonemori Y, Nabeshima K, Tsuji T, Miyagi Y, Imai K. HEG1, BAP1, and MTAP are useful in cytologic diagnosis of malignant mesothelioma with effusion **Diagn Cytopathol** 2020 May 22. doi: 10.1002/dc.24475.
- ©103. Sekine Y, Koh E, Hoshino H. The efficacy of transbronchial indocyanine green instillation for fluorescent-guided wedge resection **Interact Cardiovasc Thorac Surg.** 2021;28:33(1):51–59. doi: 10.1093/icvts/ivab054
104. Hiroshima K, Wu D, Hamakawa S, Tsuruoka S, Ozaki D, Orikasa H, Hasegawa M, Koh E, Sekine Y, Yonemori Y, Nabeshima K, Tsuji S, Miyagi Y, Imai K. HEG1, BAP1, and MTAP are useful in cytologic diagnosis of malignant mesothelioma with effusion. **Diagn Cytopathol.** 2021 May;49(5):622–632. doi: 10.1002/dc.24475. Epub 2020 May 22.

Case reports

- ©1. Sekine Y, Hamaguchi K, Miyahara Y, Baba M, Yasufuku K, Fujisawa T, Yamaguchi Y. Thymus-related liposarcoma: Report of a case and review of the literature. **Surgery Today** 26: 203–207, 1996
2. Chiyo M, Fujisawa T, Yasukawa T, Shiba M, Shibuya K, Sekine Y, Hiroshima K, Ohwada H. Successful resection of a primary liposarcoma of the anterior mediastinum in a

- child: a case report. **Surgery Today** 31: 230–232, 2001
3. Fischer S, de Perrot M, Sekine Y, Keshavjee S. Long-term survival after multiple resections of a fibrosarcoma involving the lung and chest wall. **Eur J Cardiothorac Surg** 20: 421–3, 2001
 - ©4. Sekine Y, Fischer S, dePerrot M, Pierre AF, Keshavjee SH. Bilateral lung transplantation using a donor with a tracheal right upper lobe bronchus. **Ann Thorac Surg** 73: 308–310, 2002
 5. Hiroshima K, Shibuya K, Shimamura F, Toyozaki T, Haga Y, Ohwada H, Iyoda A, Sekine Y, Iizasa T, Fujisawa T. Pulmonary large cell carcinoma with rhabdoid phenotype. **Ultrastruct Pathol** 27: 55–59, 2003
 - ©6. Wada H, Sekine Y, Yoshida S, Yasufuku K, Iyoda A, Iizasa T, Saitoh Y, Fujisawa T, Shibuya K, Hiroshima K, Suzuki Y. Dramatic improvement of respiratory condition after lobectomy for localized bullous emphysema. **Ann Thorac Cardiovasc Surg** 10: 293–296, 2004
 - ©7. Suzuki H, Sekine Y, Motohashi S, Chiyo M, Suzuki M, Haga Y, Hiroshima K, Ohwada H, Iizasa T, Saitoh Y, Baba M, Fujisawa T. Three cases of endobronchial neurogenic tumor treated by transbronchial electrical snaring and Nd-YAG laser abrasion : Report of Three Cases. **Surg Today** 2005; 35: 243–246
 8. Fujiwara T, Iyoda A, Hiroshima K, Yusa T, Igarashi N, Tatsumi K, Otsuji M, Sekine Y, Shibuya K, Iizasa T, Saitoh Y, Fujisawa T. Lymphangiomyomatosis with a giant bulla: report of a case. **Surg Today** 2005; 35: 247–249.
 - ©9. Motohashi S, Sekine Y, Iizasa T, Nakano K, Numata T, Fujisawa T. Thyroid cancer with massive invasion into the neck and mediastinal great veins. **Jpn J Thorac Cardiovasc Surg**. 2005; 53: 55–57.
 10. Yoshino M, Hiroshima K, Motohashi S, Shibuya K, Iyoda A, Sekine Y, Fujisawa T. Papillary Carcinoma of the Thymus Gland. **Ann Thorac Surg**, 2005; 80: 741–742.
 - ©11. Sekine Y, Yasufuku K, Motohashi S, Fujisawa T. Triple reconstruction of pulmonary artery, superior vena cava and bronchus for lung cancer. **Interactive Cardiovasc Thoracic Surg** 2006; 5: 509–510.
 - ©12. Nakajima T, Sekine Y, Yasuda M, Yasufuku K, Iyoda A, Suzuki M, Shibuya K, Iizasa

- T, Fujisawa T. Long-term management of polychondritis with serial tracheobronchial stents. **Ann Thorac Surg.** 2006; 81: e24-6.
13. Nakajima T, Yasufuku K, Suzuki M, Sekine Y, Shibuya K, Hiroshima K, Fujisawa T. Histological diagnosis of spinal chondrosarcoma by endobronchial ultrasound-guided transbronchial needle aspiration. **Respirology.** 2007; 12: 308-10.
14. Nakajima T, Yasufuku K, Wong M, Iyoda A, Suzuki M, Sekine Y, Shibuya K, Hiroshima K, Iizasa T, Fujisawa T. Histological diagnosis of mediastinal lymph node metastases from renal cell carcinoma by endobronchial ultrasound-guided transbronchial needle aspiration. **Respirology.** 2007; 12: 302-3.
15. Sakairi Y, Yasufuku K, Iyoda A, Suzuki M, Nakajima T, Sekine Y, Shibuya K, Takahashi Y, Nakatani Y, Fujisawa T. A Solitary Metastatic Lung Tumor from Thyroid Papillary Carcinoma Diagnosed by Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (EBUS-TBNA): Report of a Case. **Surg Today.** 2008; 38: 46-8.
- ©16. Suzuki H, Sekine Y, Yamamoto N, Hiroshima K. Hemilaminectomy for a Dumbbell-Shaped Vertebral Hemangioma. **Thorac Cardiovasc Surg.** 2011; 59:383-4.
17. Suzuki H, Saitoh Y, Koh E, Hoshino H, Kase D, Kasei Y, Azuhata Y, Kishi H, Hiroshima K, Sekine Y. Pulmonary sclerosing hemangioma with pleural dissemination: report of a case. **Surg Today.** 2011;41:258-61.
18. Nakajima T, Yasufuku K, Sekine Y, Yoshida S, Yoshino I. Mucosa-associated lymphoid tissue lymphoma of the left mainstem bronchus. **Ann Thorac Surg.** 2011;91:1281-1283.
- ©19. Suzuki H, Sekine Y, Koh E, Sunazawa T, Iida H, Kishi H, Saitoh Y. Permanent cerebral bypass approach for lung cancer resection with aortic arch invasion. **Thorac Cardiovasc Surg.** 2011; 59:378-380.
- ©20. Yoshino M, Sekine Y, Koh E, Kume Y, Saito H, Kimura S, Hamada H, Wu D, Hiroshima K. Pericardial synovial sarcoma: A case report and review of the literature. **Surgery Today** 2014; 44 (11) :2167-2173
- ©21. Hasegawa M, Sakai F, Arimura K, Katsura H, Koh E, Sekine Y, Hiroshima K. EGFR mutation of adenocarcinoma in congenital cystic adenomatoid malformation/congenital pulmonary airway malformation: a case report. **Jpn J Clin Oncol** 2014;44:278-81
- ©22. Hata A, Sekine Y, Koh E, Hiroshima K. Operative wound implantation of inflammatory

sarcomatoid carcinoma of the lung **Ann Thorac Surg** 2014;98:1111–1113

- ©23. Yoshino M, Sekine Y, Koh E, Hata A, Hashimoto N. Pituitary apoplexy after surgical treatment of lung cancer: Report of a Case **Ann Thorac Surg** 2014;98(5):1830–1832
- ©24. Yoshino M, Sekine Y, Koh E, Hasegawa M, Katsura H, Kawamura S, Hiroshima K. Pulmonary granuloma associated with non-tuberculous mycobacteriosis occurring in the staple line after segmentectomy for lung cancer: Report of a Case **Jpn J Lung Cancer (Haigan)** 2014;54(6) : 790–794
25. Hasegawa M, Sakai F, Sato A, Tsubomizu S, Arimura K, Katsura H, Koh E, Sekine Y, Wu D, Hiroshima K. FISH analysis of intrapulmonary malignant mesothelioma without a clinically detectable primary pleural lesion: an autopsy case. **Jpn J Clin Oncol.** 2014;44(12):1239–42.
26. Hasegawa M, Sakai F, Okabayashi A, Katsura H, Kamata T, Koh E, Sekine Y, Takemura T, Nakatani Y, Hiroshima K. Rosai–Dorfman Disease of the Lung Overlapping with IgG4-related Disease: The Difficulty in Its Differential Diagnosis. **Intern Med.** 2017;56(8) :937–941.
27. Okabayashi A, Hasegawa M, Sato A, Katsura H, Kamata T, Koh E, Sekine Y. A case of respiratory infection possibly caused by *Mycobacterium triviale*: Current problems on diagnostic and therapeutic strategies. **Respir Med Case Rep.** 2017 Apr 13;21:138–141
28. Hasegawa M, Sakai F, Okabayashi A, Sato A, Yokohori N, Katsura H, Asano C, Kamata T, Koh E, Sekine Y, Hiroshima K, Ogura T, Takemura T. Intravenous Immunoglobulin Monotherapy for Granulomatous Lymphocytic Interstitial Lung Disease in Common Variable Immunodeficiency. **Intern Med.** 2017;56(21):2899–2902. doi: 10.2169/internalmedicine.7757–16. Epub 2017 Sep 15.
29. Masunaga A, Oide T, Kamata T, Kou E, Sekine Y, Hiroshima K. GLUT-1 expression of pulmonary mixed squamous cell and glandular papilloma may be associated with high SUVmax on fluorodeoxyglucose-positron emission tomography. **Pathol Int.** 2017;67(7) :373–374. doi: 10.1111/pin.12547. Epub 2017 Jun 7. No abstract available.
- ©30. Kamata T, Koh E, Masunaga A, Okabayashi A, Hasegawa M, Katsura H, Hiroshima K, Sekine Y. A surgical case of lung cancer with poor general status associated with

parathyroid hormone-related protein. **J Thorac Dis**. 2018 May;10(5):E372–E377. doi: 10.21037/jtd.2018.04.96.

31. Masunaga A, Ishibashi F, Koh E, Oide T, Sekine Y, Hiroshima K. Possible relationship between fibrosis of IgG4-related thymitis and the profibrotic cytokines, transforming growth factor beta 1, interleukin 1 beta and interferon gamma: a case report. **Diagn Pathol**. 2018 Jan 17;13(1):6. doi: 10.1186/s13000-018-0684-1.

Review

1. Yasufuku K, Nakajima T, Chiyo M, Sekine Y, Shibuya K, Fujisawa T. Endobronchial Ultrasound: Current status and future directions. **J Thorac Oncol**. 2:970–9, 2007
2. Yasufuku K, Nakajima T, Fujiwara T, Chiyo M, Iyoda A, Yoshida S, Suzuki M, Sekine Y, Shibuya K, Yoshino I. Role of endobronchial ultrasound-guided transbronchial needle aspiration in the management of lung cancer. **Gen Thorac Cardiovasc Surg**. 2008; 56: 268–76.
- ©3. Sekine Y, Katsura H, Koh E, Hiroshima K, Fujisawa T. Early detection of COPD is important for lung cancer surveillance. **Eur Resp J**. 2012;39:1230–40.
- ©4. Sekine Y, Hata A, Koh E, Hiroshima K. Lung carcinogenesis from chronic obstructive pulmonary disease –Characteristics of lung cancer from COPD and contribution of signal transducers and lung stem cells in the inflammatory microenvironment– **Gen Thorac Cardiovasc Surg**. 2014; 62:415–421

Textbook

1. Sekine Y. Part III, Chapter 8: Lung Segmentation: The Combination of Lung Volume Analyzer VINCENT for Measuring Resection Margin and ICG Anatomical Segmentectomy. Video Atlas of Intraoperative Applications of Near Infrared Fluorescence Imaging Edited by Essa M. Aleassa and Kevin M. El-Hayek. Springer Nature, Switzerland. 2020

