

**DR T. AGASTHIAN**

MBBS, MMed (Surgery), FRCS (Edin), FRCS (Glasg)

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### CURRENT APPOINTMENTS

<u>FROM</u>	<u>TO</u>	<u>DESIGNATION</u>	<u>NAME OF INSTITUTION</u>
May 1999	Sept 2010	Senior Consultant	National Cancer Center Singapore
July 2008	Present	Visiting Consultant	National Heart Centre
April 2008	2008	Visiting Consultant	Tan Tock Seng Hospital
December 2008	December 2012	Visiting Consultant	Mount Alvernia Hospital/MEH/Gleneagles/Raffles hospitals
August 2008	July 2010	Clinical Lecturer	National University of Singapore
January 2008	May 2011	Visiting Consultant	Changi General Hospital
April 2008	Present.	Visiting Consultant	Pediatric Cardiothoracic surgery, KK Women's & Children's Hospital
2009	Present	Visiting /Professor, surgeon	BenQ hospital Nanjing Nanjing, China.

### PROFESSIONAL QUALIFICATIONS

<u>YEAR</u>	<u>NAME OF SCHOOL</u>
1979 - 1984	MBBS – National University of Singapore
1989	Fellow of Royal College of Surgeons of Glasgow
1990	Fellow of Royal College of Surgeons of Edinburgh
1990	Master of Medicine in Surgery, National University of Singapore
Feb 1994- June 1995,	General Thoracic Fellow, Division of General Thoracic Surgery, Mayo Clinic, USA.
July 1995- July 1996,	General Thoracic Fellow in thoracic Surgery and Lung transplantation, Cleveland Clinic, USA.

### MEMBERSHIP IN PROFESSIONAL BODIES

Member, Singapore Thoracic Society.  
 Member, Asian Surgical Society  
 Fellow of Royal College of Surgeons of Edinburgh  
 Fellow of Royal College of Surgeons of Glasgow.

**ADVISORY CONSULTANT**

Consultant ,Asia pacific Thoracic Advisory Board,Ethicon

Endosurgery ,Johnson and Johnson,

Consultant , Asia Pacific Lung cancer Advisory Board Glaxo Smith  
Gline.

Advisor, Asian Vats endosurgery Taskforce,Covidien.

My area of expertise is general thoracic surgery(non cardiac surgery)  
which includes:

- 1.Surgery for benign and malignant lung,pleural and mediastinal diseases.
- 2.Lung cancer, mesothelioma and mediastinal tumour(thymomas, germ cell tumour, neurogenic tumours).
- 3.Pulmonary metastatectomy for sarcomas and carcinomas.
- 4.Minimally invasive Thoracic surgery(Vats)
  - a. Vats lobectomy for lung cancer.
  - b. Vats thymectomy for Myasthenia gravis and thymomas.
  - c. Vats decortication for Empyema and infection.
  - d. Vats pleurodesis for Recurrent pneumothorax and Malignant effusion
  - e. Vats lung biopsy and pleural biopsy.
  - f. Vats or endoscopic thoracic sympathectomy for hyperhydrosis or sweaty palms.
  - g. Vats esophageal resection including esophageal duplication cyst and leiomyoma.
5. Chest wall tumours , resection and reconstruction.
6. Retrosternal goiter.
7. Esophageal surgery for benign and malignant cancers.
8. Tracheal and air way surgery for cancers and benign strictures due to ptb and trauma.
9. Pediatric and thoracic surgery including pectus excavatum and carinatum(Nuss Procedure).

10. Lung Volume reduction surgery for emphysema.
11. Lung transplantation. (lead surgeon for Singapore's first lung transplantation, National heart center 2000).
12. Robotic thoracic surgery for thymectomy and tumours.

## TRAINING / CONFERENCES / MEETINGS

<u>YEAR</u>	<u>TITLE</u>	<u>ORGANIZER</u>
10 <sup>th</sup> December 2010	Asia pacific Vats leaders meeting/Thoracic Advisory Board.	Ethicon endosurgery.
18November 2010	Vats workshop, Complications of Vats.	National university Hospital, 5 <sup>th</sup> Asian Cardiothoracic surgery Update.
26 May 2010	Letter of Request for Case Observation – VATS Lobectomy (Vietnamese Surgeon)	
May 2010.	Live Surgery (Vats Lobectomy) and speaker,Guangzhou 1st affiliated Hospital,International Vats worshop	Guangzhou Hospital, China
20 Feb 2010	2nd Meeting of MAGRIT Regional Trial Steering Committee Meeting(Lung Cancer).	MAGRIT, Bangkok.
25-26 Feb 2010	4th Thoracic Advisory Board Meeting 2010	TAB, Dept of cardiothoracic surgery,Royal melbourne hospital Australia.
September 2009	Live surgery and Organising Chairman for Asia Pacific Thoracic advisory board for train the trainers in vats lobectomy for asia pacific vats surgeons.	Ethicon endosurgery and National cancer center.
27 Jun – 1 Jul 09	ATLC Executive Board Meeting of Asian Thoracoscopic Lobectomy Club.	Nanjing BenQ Medical Centre, Nanjing,China.
27Jun-1 july 09	Invited speaker on vats lobectomy Singapore experience	3rd biennial Meeting International Chinese Society of Thoracic Surgeons., Nanjing China.
Feb 2009	Organising co –director International Annual Vats Workshop, Singapore	Singhealth.
Nov 2008	2 <sup>nd</sup> Thoracic Advisory Board Meeting,Samsung Medical Center, Seoul.	Johnson & Johnson Medical
Dec 2006	Vats lobectomy workshop	Jikei University, Tokyo

2001	Lecture on Surgery for Lung Cancer	3 <sup>rd</sup> UICC Cancer Meeting
May 2000	Chairperson, Free Paper Session	7 <sup>th</sup> World Congress of Endoscopic Surgery
May 2000	Lecture on Thoracoscopic Lobectomy	7 <sup>th</sup> World Congress of Endoscopic Surgery
May 2000	Lecture on Thoracoscopic Thymectomy	7 <sup>th</sup> World Congress of Endoscopic Surgery, May 2000.
Sep 1999	Chairperson, Heart/Lung Symposium: Issues in Transplantation	6 <sup>th</sup> Congress of the Asian Society of Transplantation

### INVITED SPEAKER/LECTURE

<u>DATE</u>	<u>TITLE</u>	<u>ORGANIZER</u>
<u>June 25-26 2011</u>	<u>Talk on Complications of Vats and live surgery demonstration</u>	<u>5<sup>th</sup> China lung cancer MITS Forum and @nd Asia Pacific Vats lobectomy Performace , Guangzhou medical college , Guangzhou 1<sup>st</sup> Affiliated hospital Guangzhou China.</u>
May 2011	<ol style="list-style-type: none"> <li>1. <i>Vats bronchoplasty.</i></li> <li>2. <i>Management of complications of Vats</i></li> </ol>	ATCSA/ASCVS 2011, Phuket, Thailand (Combined Annual meeting of Asian society for thoracic and cardiovascular surgery.)
18-19Mar 2011	<ol style="list-style-type: none"> <li>1. <i>Vats –current status.</i></li> <li>2. <i>Current surgical management of Lung cancer</i></li> </ol>	MERCY 2011, 2 <sup>nd</sup> Annual meeting of respiratory physicians of Indonesia. Medan Indonesia.
16-19,February 2011	<ol style="list-style-type: none"> <li>1. <i>Current status of Vats (<b>Meherji Mehta memorial lecture and oration</b>).</i></li> <li>2. <i>Vats lobectomy-Current Status.</i></li> <li>3. <i>Advanced Vats techniques.</i></li> </ol>	CTCOM 2011, Annual meeting of Indian Association of cardiothoracic surgeons. (IACTS), Chennai, India.

December 3-4 2010	<i>Current status and indications of vats-</i>	Respina (Annual meeting of Respiratory society of Indonesia) 2010, Jakarta, Indonesia.
5-27 Nov 10	<i>10<sup>th</sup> Meeting of Endoscopic and Laparoscopic Surgeons of Asia 2010 on (Vats lobectomy, vats thymectomy and vats bronchoplasty) .</i>	Endoscopic and laparoscopic surgeon of Asia 2010 Hanoi, VIETNAM
17-19 November10	<i>Management of Malignant meothelioma and Management of complications of Vats.</i>	5th Asian Cardiothoarcic update course, NUS/NUH ,Singapore.
28-31 Oct 10	<i>The 201th Congress Association of Thoracic and Cardiovascular Surgeons of Asia, Beijing</i>	ATCSA, Beijing. Annual meeting of Asian thoracic and cardiovascular surgery.
24 <sup>th</sup> Sep 10	<i>3<sup>rd</sup> Paediatric Surgery Update on Vats in children Topic Vats in Singapore.</i>	Chapter of pediatirc surgeons, Academy of Medicine.
25 – 26 Jun 10	<i>International Workshop on Video-Assisted Thoracic Surgery (VATS). Lecture on Vats thymectomy, Management of complications of vats, Video masterclass on vats lobectomy.</i>	National University Hospital Minimally Invasive Center, Singapore.
28 – 30 May 10	<i>The 4th China Lung Cancer Minimally Invasive Treatment Forum(Vats lobectomy Singapore experience and live vats lobectomy demonstration)</i>	Guangzhou China, Ist Affiliated Hospital of Guangzhou Medical University.
23 – 24 Apr 10	<i>3rd Video-Assisted Thoracoscopic Surgery Symposium,</i>	Singhealth, National Cancer and Heart Centers., Singapore.

16 – 18 Apr 10	<i>2010 Samsung Medical Center VATS SYMPOSIUM(Vats lobectomy for advance stage lung cancer and management of complications of Vats)</i>	Samsung Medical Centre, Seoul, Organised by Korean Association of Cardiothoracic surgery and Asian Thoracoscopic lobectomy society.
7-8 April 2010.		
Dec 09	<i>Vats Lobectomy and Lymphadectomy / Vats Thymectomy and mediastinal tumour,</i>	Chennai. Indian Association of cardiothoracic surgery annual cardiothoracic CME.
Oct 09	<i>1. Minimally Invasive Lung Surgery - VATS Lobectomy in Advanced Stage Lung Cancer 2. Surgery for Benign Disease - Surgery for Thymus</i>	Asian Thoracic and cardiovascular surgery society 2009 Seoul, Korea
18 – 19 Sep 09	<i>Asia Pacific VATS Lobectomy Train in the trainer programme at Major OT, SGH, Live surgery and lecture.</i>	National Cancer Center, Singapore General Hospital
27 Jun – 1 Jul 09	ATLC Executive Board Meeting of Asian Thoracoscopic Lobectomy Club.	Nanjing BenQ Medical Centre, Nanjing, China.
27Jun-1 July 09	Invited speaker on vats lobectomy Singapore experience	3rd biennial Meeting International of Chinese Society of Thoracic Surgeons., Nanjing China.
Jun 09	<i>1<sup>st</sup> CDI-CVT Intensive Post-Graduate Program (Vats lobectomy)</i>	Chest Diseases Institute, Nonthaburi, Thailand
April 2009	<i>Chairperson international Video Teleconference On Vats lobectomy</i>	109 <sup>th</sup> Annual Congress of Japan Surgical Society, Fukuoka, Japan
March 2009	<i>17<sup>th</sup> Annual Meeting of Asian Society for Cardiovascular and Thoracic Surgery (Vats lobectomy and thymectomy, Singapore Experience).</i>	7 <sup>th</sup> Asian Society of thoracic and cardiovascular surgery 2009, Taipei, Taiwan.

Jan 2009	<i>Clinical outcomes of Video Assisted Thoracoscopic (VATS) Thymectomy for Myasthenia Gravis. (oral presentation)</i>	The Society of Thoracic Surgeons 45 <sup>th</sup> Annual Meeting, San Francisco, CA, USA
Nov 2008	<i>13<sup>th</sup> Congress of Asian Pacific Society of Respirology(Current status of Vats)</i>	Asian Pacific Society of Respirology, Bangkok Thailand.
Sep 2008	<i>Clinical outcomes of vats for thymomas.(oral presentation)</i>	22nd European Association for Cardiothoracic surgery. Annual Meeting, Lisbon
May 2008	<i>The International VATS Symposium (Current status of Vats, Singapore experience).</i>	Samsung Medical Center, Seoul, Korea, Dept of cardiothoracic surgery and korean association of cardiothoracic surgery.
Mar 2008	<i>1<sup>st</sup> Asia Pacific Thoracic surgical leaders on Vats.Ethicon Endo-Surgery (EES)</i>	Asia Pacific Thoracic Surgery Advisory Board / EES Product Focus Group Meeting/ Tokyo, Japan, DR Kohno,Toranamon Hospital Tokyo.
Jan 2008	<i>2<sup>nd</sup> EACTS Course on Thoracic Robotic Surgery</i>	European Association for Cardio-Thoracic Surgery, Strasbourg, France
Dec 2006	<i>International VATS Seminar/ Workshop</i>	Jikei University, Tokyo, Japan
Oct 2006	<i>The 19<sup>th</sup> Congress of Endoscopic &amp; Laparoscopic Surgeons of Asia 2006(Vats thymectomy)</i>	ELSA 2006 Secretariat, Seoul Korea
May 2006	<i>The 2<sup>nd</sup> Asian Chinese Forum of Thoracoscopic Surgery, China, Vats thymectomy , Singapore experience.</i>	International Chinese society of thoracic surgery, Anhui.
2001	<i>Singapore's First Lung Transplantation</i>	Annual Scientific Meeting, Transplant Society, Singapore
2001	<i>Singapore's 1<sup>st</sup> Lung Transplantation, Hospital Conference</i>	Singapore General Hospital
Aug 2001	<i>Barrett's Esophagus, Upper GI Lecture Series</i>	Alexandra Hospital
2001	<i>Update on Thoracic Surgery, CME</i>	National Dental Centre
May 2000	<i>Invited speaker Vats lobectomy and Vats thymectomy</i>	8th World Congress of Endoscopic surgery, Singapore.
Sep 2000	<i>Management of Life Threatening Hemoptysis</i>	8 <sup>th</sup> Annual Meeting of the Asian Society for Cardiovascular



		Surgery, Fukuoka, Japan
Jun 1999	<ul style="list-style-type: none"> <li>a) <i>Closure of Pleural Windows in Management of Localised Empyemas</i></li> <li>b) <i>Lung Volume Reduction Surgery for WPD, Our Initial Experience</i></li> <li>c) <i>Long Term Results of Thymectomy</i></li> <li>d) <i>Thoracoscopic Thymectomy for Myasthenia Gravis</i></li> </ul>	7 <sup>th</sup> Annual Meeting of Asian Society of Cardiovascular Surgery
1999	<i>Lung Cancer: A Surgeon's Perspective, Chapter of Radiologist, Annual Scientific Meeting</i>	
Feb 1999	<i>Surgery for Lung Cancer, 8<sup>th</sup> MOH/MAYO Clinic Update</i>	
Nov 1997	<i>Instructor, 2<sup>nd</sup> Bronchoscopy Workshop</i>	Singapore General Hospital
1997	<i>Lecturer, Advanced Course in Surgery for M Med</i>	
1997	<i>Lung Transplantation/Lung Volume Reduction Surgery, CME Programme</i>	National University Hospital
Feb 1997	<i>Lung Volume Reduction Surgery, Singapore General Hospital CME Programme</i>	Singapore General Hospital
1998	<i>Update on Thoracic Surgery, Chapter of Anaesthetics</i>	
Feb 1997	<i>Update on Thoracic Surgery, Mount Elizabeth Hospital CME</i>	Mount Elizabeth Hospital
Jul 1997	<i>Surgical Management of Lung Cancer, Annual Scientific Meeting</i>	Changi General Hospital
1997	<i>Lung Volume Reduction Surgery, Annual Scientific Meeting</i>	Tan Tock Seng Hospital
1996	<i>Thoracoscopy Interventional Pulmonology, Annual Scientific Meeting</i>	Tan Tock Seng Hospital
Aug 1996	<i>Surgical Management of Lung Cancer, Chapter of Radiologist</i>	
Feb 1996	<i>Bronchiectasis: Surgical Management</i>	Annual Meeting Society of Thoracic Surgeons, Orlando, USA
1993	<i>Management of Bullous Emphysema, Singapore Thoracic Society</i>	

**PUBLICATIONS / ABSTRACTS / BOOKS / CHAPTERS.**

51. Clinical outcomes of vats for thymomas. T.Agasthian, Jia lin Soon. Interact Cardio Vasc Thorac Surgery. 2008;7: abstract 021, suppl 3 to Vol 7.
50. Can invasive thymomas be resected by Video assisted thoracoscopic surgery. T.Agasthan. Asian Cardiovasc Thorac Ann.
49. Single stage posterior midline approach for dumbbell tumours of the thoracic spine with intraoperative CT guidance. Jayant D. Thorat, T. Rajendra, Agasthian Thirugnanam<sup>1</sup>, Ivan H. B. Ng.Surgical Neurology International.2011; 2:31.
48. Precision Cautery Excision of deep seated Hematoma by Vats (Surgical Video). T. Agasthian. Accepted and posted on cardiothoracic surgery net webpage. 3<sup>rd</sup> February 2011.
47. Continuous absorbable suture technique for tracheobronchial sleeve resections. Matthew Jose, Lo Yee jim, Soon Jia lin, T. Agasthian. Asian Cardiovasc Thorac Ann.2011; 19:44-47.
46. Agasthian T, Jim LY. Novel use of the internal thoracic artery retractor in transcervical thymectomy. Asian Cardiovasc Thorac Ann. 2010 Dec; 18(6):583-5.
45. Agasthian T. Revisiting the prone position in video-assisted thoracoscopic surgery.Asian Cardiovasc Thorac Ann. 2010 Aug; 18(4):364-7. PubMed PMID: 20719788.
44. Agasthian T, Lin SJ. Clinical outcome of video-assisted thymectomy for myasthenia gravis and thymoma. Asian Cardiovasc Thorac Ann. 2010 Jun; 18(3):234-9. PubMed PMID: 20519290.
- 43.Lim R, Tan PH, Cheng C, Agasthian T, Tan HL, Teh BT, Tan MH. A unique case of spontaneous regression of metastatic papillary renal cell carcinoma: a case report.Cases J. 2009 Aug 11; 2:7769.PubMed PMID: 19918481;PubMed Central PMCID: PMC2769371.
42. Lim EH, Zhang SL, Li JL, Yap WS, Howe TC, Tan BP, Lee YS, Wong D, Khoo KL, Seto KY, Tan L, Agasthian T, Koong HN, Tam J, Tan C, Caleb M, Chang A, Ng A, Tan P. Using whole genome amplification (WGA) of low-volume biopsies to assess the prognostic role of EGFR, KRAS, p53, and CMET mutations in advanced-stage Non-small cell lung cancer (NSCLC). J Thorac Oncol.2009 Jan;4(1):12-21. PubMed PMID: 19096301.

41. Ong C, Low SY, Thirugnanam A, Loh A, Eng P. Metastatic trophoblastic disease masquerading as pulmonary embolism. *Thorax*. 2008 Nov;63(11):1030. PubMed PMID: 18984828.
40. Soon JL, Agasthian T. Harmonic scalpel in video-assisted thoracoscopic thymic resections. *Asian Cardiovasc Thorac Ann*. 2008 Oct; 16(5):366-9. PubMed PMID: 18812343.
39. Teo FS, Hsu AA, Thirugnanam A. Recurrent foreign body granuloma with airway Obstruction: is there a role for steroids? *J Thorac Cardiovasc Surg*. 2008 Jul; 136(1):224-5. PubMed PMID: 18603084.
38. Yap SP, Lim WT, Foo KF, Hee SW, Leong SS, Fong KW, Eng P, Hsu AA, Wee JTs, Agasthian T, Koong HN, Tan EH. Induction concurrent chemoradiotherapy using Paclitaxel and Carboplatin combination followed by surgery in locoregionally advanced non-small cell lung cancer--Asian experience. *Ann Acad Med Singapore*. 2008 May; 37(5):377-82. PubMed PMID: 18536823.
37. Soon JL, Jeyaraj PR, Agasthian T. Thoracic complications of radiofrequency Ablation of recurrent hepatoma. *Ann Acad Med Singapore*. 2008 Jan; 37(1):75-6. PubMed PMID: 18265903.
36. Soon JL, Agasthian T. Total tracheal resection for long-segment benign Tracheal stenosis. *Ann Thorac Surg*. 2008 Feb;85(2):654-6. PubMed PMID: 18222292.
35. Ng SW, Soon JL, Agasthian T, Tan BK, Song C. Asymptomatic spontaneous pneumothorax in anterior chest wall hypoplasia. *Plast Reconstr Surg*. 2007 Dec; 120(7):2123-5. PubMed PMID: 18090799.
34. Soon JL, Poopalalingam R, Lim CH, Koong HN, Agasthian T. Peripheral Cardiopulmonary bypass-assisted thymoma resection. *J Cardiothorac Vasc Anesth*. 2007 Dec; 21(6):867-9. Epub 2007 Jan 25. PubMed PMID: 18068069.
33. Ng JM, Chow MY, Ip-Yam PC, Goh MH, Agasthian T. Evaluation of partial carbon dioxide rebreathing cardiac output measurement during thoracic surgery. *J Cardiothorac Vasc Anesth*. 2007 Oct;21(5):655-8. Epub 2007 Apr 11. PubMed PMID: 17905269.
32. Chew HC, Low SY, Eng P, Agasthian T, Cheah FK. Cough and persistent wheeze in a patient with long-standing asthma. *Chest*. 2007 Aug; 132(2):727-31. PubMed PMID:

17699149.

31. Lim EH, Zhang SL, Yu K, Nga ME, Ahmed DA, Agasthian T, Wong PS, Chua GC, Wong D, Tan L, Seto KY, Yap WS, Low SP, Khoo KL, Chang A, Ng A, Tan P. An alternative Approach to determining therapeutic choices in advanced non-small cell lung Carcinoma (NSCLC): maximizing the diagnostic procedure and the use of low-volume lung biopsies. *J Thorac Oncol*. 2007 May; 2(5):387-96. PubMed PMID: 17473653.
30. Toh CK, Gao F, Lim WT, Leong SS, Fong KW, Yap SP, Hsu AA, Eng P, Koong HN, Thirugnanam A, Tan EH. Differences between small-cell lung cancer and non-small cell lung cancer among tobacco smokers. *Lung Cancer*. 2007 May; 56(2):161-6. Epub 2007 Jan 31. PubMed PMID: 17270313.
29. Toh CK, Hee SW, Lim WT, Leong SS, Fong KW, Yap SP, Hsu AA, Eng P, Koong HN, Agasthian T, Tan EH. Survival of small-cell lung cancer and its determinants of Outcome in Singapore. *Ann Acad Med Singapore*. 2007 Mar; 36(3):181-8. PubMed PMID: 17450263.
28. Toh CK, Gao F, Lim WT, Leong SS, Fong KW, Yap SP, Hsu AA, Eng P, Koong HN, Thirugnanam A, Tan EH. Never-smokers with lung cancer: epidemiologic evidence of a distinct disease entity. *J Clin Oncol*. 2006 May 20; 24(15):2245-51. PubMed PMID: 16710022.
27. Vyas S, Agasthian T, Goh MH, Shankar S. Thoracoscopic thymectomy in a previous sternotomy. *Asian Cardiovasc Thorac Ann*. 2006 Dec; 14(6):e108-10. PubMed PMID: 17130312.
26. Lee SY, Sin YK, Kurup A, Agasthian T, Caleb MG. Stent-graft for recurrent melioidosis mycotic aortic aneurysm. *Asian Cardiovasc Thorac Ann*. 2006 Apr; 14(2):e38-40. PubMed PMID: 16551809.
25. Chao VT, Lim DW, Tao M, Thirugnanam A, Koong HN, Lim CH. Tracheobronchial Obstruction as a result of mediastinal mass. *Asian Cardiovasc Thorac Ann*. 2006 Apr; 14(2):e17-8. PubMed PMID: 16551801.
24. Koh MS, Ling Hsu AA, Thirugnanam A. Novel management of a large chronic bronchocutaneous fistula after lobectomy. *Interactive Cardiovasc Thorac Surg*. 2005 Jun; 4(3):248-9. Epub 2005 Mar 30. PubMed PMID: 17670402.
23. Goh BK, Jeyaraj PR, Chan HS, Ong HS, Agasthian T, Chang KT, Wong WK. A case of fish bone perforation of the stomach mimicking a locally advanced pancreatic carcinoma. *Dig Dis Sci*. 2004 Nov-Dec; 49(11-12):1935-7. PubMed PMID: 15628728.

22. Lupinski RW, Shankar S, Agasthian T, Lim CH, Mancer K. Primary cardiac paraganglioma. *Ann Thorac Surg.* 2004 Sep; 78(3):e43-4. PubMed PMID: 15337082.
21. Lupinski RW, Agasthian T, Lim CH, Chua YL. Extralobar pulmonary sequestration Simulates posterior neurogenic tumor. *Ann Thorac Surg.* 2004 Jun; 77(6):2203-4. PubMed PMID: 15172305.
20. Lim EH, Aggarwal A, Agasthian T, Wong PS, Tan C, Sim E, Tan L, Goh PS, Wang SC, Khoo KL, Mukherjee A, Khoo SM, Chua G, Nilsson B, Lee KH, Tan P. Feasibility of using low-volume tissue samples for gene expression profiling of advanced non- small cell lung cancers. *Clin Cancer Res.* 2003 Dec 1;9(16 Pt 1):5980-7. PubMed PMID: 14676123.
19. Low SY, Eng P, Thirugnanam A. Primary endotracheal neurogenic tumors. *Surg Endosc.* 2004 Feb;18(2):348. Epub 2003 Dec 29. PubMed PMID: 14973734.
18. Chow MY, Goh MH, Boey SK, Thirugnanam A, Ip-Yam PC. The effects of remifentanyl and thoracic epidural on oxygenation and pulmonary shunt fraction during one-lung ventilation. *J Cardiothorac Vasc Anesth.* 2003 Feb;17(1):69-72. PubMed PMID: 12635063.
17. Chow MY, Tan LH, Agasthian T. Anaesthetic considerations for lung volume Reduction surgery--a case report. *Ann Acad Med Singapore.* 2002 Mar; 31(2):223-7. PubMed PMID: 11957562.
16. Ang P, Tan EH, Leong SS, Koh L, Eng P, Agasthian T, Cheah FK. Primary intrathoracic malignant effusion: a descriptive study. *Chest* 2001 Jul;120(1):50-4. PubMed PMID: 11451815.
15. Management of Life Threatening Hemoptysis. Lim YP, D. Wong, T. Agasthian. *Asian Annals of Thoracic and Cardiovascular Surgery* Vol 9. 2001
14. Surgical Management of Sternoclavicular Joint Infection. Lim CH, Jeremy Lim, MJ. Naik, T. Agasthian. *Asian Annals of Cardiovascular and Thoracic Surgery* Vol 9. 2001.
13. Tan YY, Agasthian T, Low CH, Ang BS. Melioidosis splenic abscess--an unusual Presentation as osteomyelitis of rib. *Ann Acad Med Singapore.* 2001 Jan;30(1):48-50. PubMed PMID: 11242625.
12. Tricuspid Endocarditis and Paradoxical Embolism, Case Report. M Caleb, S. Shankar, T. Agasthian. *Asian Annals of Thoracic and Cardiovascular Surgery* Vol 9. 2001.
11. Lim CM, Naik MJ, Ng SB, Cheah FK, Agasthian T. Primitive neuroectodermal tumour of the chest wall--a report of two cases and review of literature. *Ann Acad Med Singapore.* 2000 Nov; 29(6):760-3. Review. PubMed PMID: 11269985.

10. Kaushik SP, Yim HB, Agasthian T. An unusual manifestation of severe caustic injury. Singapore Med J. 2000 Jan; 41(1):39-40. PubMed PMID: 10783681.
9. Lo CP, Ong KC, Yang TY, Agasthian T, Ong YY. Active management of a patient with endstage pulmonary emphysema using lung volume reduction surgery and intensive rehabilitation. Ann Acad Med Singapore. 2000 Jan; 29(1):127-31. PubMed PMID: 10748981.
8. Primary Pulmonary Leiomyosarcoma: A Rare Presentation. Naik MJ, Lim CH, T. Agasthian. Asian Annals of Thoracic and Cardiovascular Surgery Vol 8. 2000.
7. Splenic Amyloidosis: Case Report. YY Tan, Brenda Ang, T. Agasthian. Singapore Medical Journal 1999.
6. Graham RJ, Meziame MA, Rice TW, Agasthian T, Christie N, Gaebelein K, Obuchowski NA. Postoperative portable chest radiographs: optimum use in thoracic surgery. J Thorac Cardiovasc Surg. 1998 Jan; 115(1):45-50; discussion 50-2. PubMed PMID: 9451044.
5. Inflammatory Pseudotumour of the Lung, A Case Report. R VY, YY Ong, P. Eng, T. Agasthian, FK Cheah. Singapore Medical Journal 1998.
4. Agasthian T. Advance directive--a surgical viewpoint. Singapore Med J. 1997 Apr; 38(4):143. PubMed PMID: 9269390.
3. Agasthian T, Deschamps C, Trastek VF, Allen MS, Pairolero PC. Surgical Management of bronchiectasis. Ann Thorac Surg. 1996 Oct; 62(4):976-8; discussion 979-80. PubMed PMID: 8823075
2. Rice DC, Agasthian T, Clay RP, Deschamps C. Silicone thorax: a complication of tube thoracostomy in the presence of mammary implants. Ann Thorac Surg. 1995 Nov; 60(5):1417-9. Review. PubMed PMID: 8526644.
1. Lim SH, Tan CE, Agasthian T, Chew LS. Acquired platelet dysfunction with eosinophilia: review of seven adult cases. J Clin Pathol. 1989 Sep; 42(9):950-2.

## TEACHING EXPERIENCE

Undergraduate teaching.

1. Clinical lecturer to NUS undergraduate since 1992

Post graduate teaching:

1. Weekly medical officer tutorials since 2000.
2. Monthly Postgraduate talk for advance cardiothoracic trainees.
3. All advance trainees in cardiothoracic surgery mandatory 6 monthly rotation in my service. To date trained all thoracic surgeons in Singhealth cluster and Tan Tock Seng Hospital Responsible for training and setting up of thoracic surgery services in Tan tock Seng hospital, National Cancer Center, National Heart center and KKWCH pediatric thoracic surgery . Developed thoracic surgery as a subspeciality in Singapore and region. Responsible for training of all advanced cardiothoracic trainees in Singapore since 1996. Developed section of thoracic surgery in Tan tock seng and then for whole of Singhealth cluster (National Cancer center, National heart center, KK women 's and children's hospital, Changi general Hospital)
4. Regional Center of Excellence for advance thoracic training of doctors and fellows from the region. Trained fellows from India, Pakistan, China , Malaysia. Annual Vats workshops for training of fellows in the region. Conducted live workshops in Singapore, china as part of training of foreign surgeons.

#### OTHER APPOINTMENTS.

Journal reviewer for European Journal of Cardiothoracic surgery, Asian Annals of cardiovascular and thoracic surgery, Annals of Medicine Singapore, Singapore Medical Journal.

Examiner for Joint MMED(CTS) AND FRCS(EDINBURGH CTS) examinations since inception.

Member selection committee for cardiothoracic advanced trainees , Ministry of Health since 2006.

Assistant Editor, Journal of Thoracic Diseases.

Consultant, Ethicon Endosurgery, Johnson and Johnson.

Member, Surgical leader, Asia Pacific Thoracic Advisory Board for Video assisted thoracoscopic surgery.

Founding member, Asian Thoracoscopic lobectomy club.

Organising committee member Endoscopic and thoracoscopic surgeons of Asia (ELSA) 2011 Singapore.

Member, Singapore Anti-Tuberculosis Association (SATA).Medical Committee

Member, Specialist Training Committee for Cardiothoracic Surgery ,MOH(2006-2012)

Member, Disease Related Group (DRG) for Respiratory Diseases

Ministry of Health, Singapore

Independent Medical Expert, Inaugural Coroner's Colloquium 2008  
Subordinate Courts, Singapore

Examiner, Exit Exams in Cardiothoracic Surgery for MOH/ Royal College of Surgeons.  
Specialist Training Committee, Ministry of Health, Singapore

Lung Transplant Surgeon/ National heart/Lung Transplant Programme  
National Heart Centre, Ministry of health 2000.

Member, Code Blue Team  
National Cancer Centre, Singapore

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