



Curriculum Vitae

Personal Details

Name Abdul Razak Abdul Muttalif
Title Dato' Dr Hj
Address Institute of Respiratory Medicine.
Jalan Pahang. 50590. Kuala Lumpur.
Federal Territory of Kuala Lumpur. Malaysia

E-mail: drarm@hotmail.com
Nationality: Malaysian
Birth date: 28 May 1955
Place of birth: George Town, Penang
Family: Married with four children

Qualifications

MBBS	University of Malaya	June 1982
M.Med	National University of Malaysia (UKM)	June 1992
MSc (Respiratory Medicine)	Royal Brompton Hospital, London	September 1995

Appointments

1982-1983 House Officer at Penang Hospital. Malaysia
 1983-1984 Medical officer at Sungai Bakap District Hospital
 1984-1986 Registrar in Medical Unit, Hospital Alor Setar
 1987-1992 Masters in Medicine, Specialist training in Kuala Lumpur Hospital
 1992-1993 Clinical Specialist, Hospital Kuala Terengganu
 1993-1994 Fellowship in Chest Medicine at Institute Of Respiratory Medicine, Kuala Lumpur
 1994-1995 Fellowship at Royal Brompton Hospital, London
 1995-2002 Consultant Physician and Consultant Chest Physician, Hospital Kuala Terengganu
 2002 -2001 Head of Dept and Consultant Chest Physician Penang Hospital
 2011- 2015 Director of Institute of Respiratory Medicine, Kuala Lumpur Hospital.
 2015 - Senior Consultant Chest Physician. Institute Of Respiratory Medicine. HKL
 2005 External examiner for Department of Medicine, UKM Masters Examination.
 2003- 2015 Honorary lecturer for HUSM, Penang Medical College
 2003- 2015 Honorary Lecturer for Penang Medical college
 2003- 2015 Honorary lecturer for University Kebangsaan Malaysia
 2008-2010 Honorary Lecturer for Penang International Dental College
 2011-2015 Honorary Lecturer for University MARA
 2011- 2015 Honorary Lecturer for University Putra Malaysia
 2013-2015 Professor of Medicine, MAHSA University

Teaching Experience/Lectures

Have done more than one hundred teaching course over the past 12 years being a Physician and Consultant Chest Physician. To mention some are as below:

1. Tuberculosis for Physicians and Family Medicine Specialists. City Bayview Hotel. Penang January 2004
2. Evidence for quality in Malaysia for Tuberculosis. Promenade Hotel. Sabah. Malaysia. January 2004

3. Clinical Care Pathway for asthma. Residence Hotel. Bangi. Selangor April 2004
4. Tuberculosis for Medical Officers and paramedics. Grand Continental Hotel. Kucing. Sarawak. July 2004
5. No smoking campaign in mosques. State library. Penang. August 2004
6. Management of Asthma and Tuberculosis for nurses. Penang hospital. August 2004
7. Role of GPs in TB Management. AM Razak. 7th Teaching Course for General Practitioners September 2004
8. Technical meeting on Tuberculosis and asthma. Penang hospital. October 2004
9. Tuberculosis and HIV/AIDS counseling. Langkawi Sandy Beach Resort. Langkawi. Kedah October 2004
10. Tuberculosis Management Course, South Zone. Melaka. 22-25 November
11. MRCP part 1 course, Kuala Lumpur 1995
12. MRCP part II courses conducted in Kuala Lumpur, Penang, Sabah and Sarawak
13. Management of Pneumonia in ICU. Critical Care Course. Kota Baru, Kelantan. 2000
14. Asthma Realities and Perception in Asia Pacific. Malaysian Medical Association, Annual General Meeting. Langkawi. 2004
15. Collaboration Between Ministry of Health and MAPTB". Kuala Lumpur 25-26 March 2005
16. GOAL Study Results. Kota Kinabalu. Sabah. 2 April 2005
17. Gaining Total asthma Control. Institute of Respiratory Medicine, Kuala Lumpur. 13 April 2005
18. GOAL Study Presentation and results. Selangor Medical Center. 20 April 2005
19. COPD Update. Hospital Sungai Bakap. Penang. 27 April 2005
20. Sleep apnea. Diagnosis and Treatment. Hospital Sungai Bakap. 25 May 2005
21. Asthma Update, Vistana Hotel, Kuantan. 23 June 2005
22. Sleep Apnoea. Diagnosis and treatment. Hospital Balik Pulau. August 3 2005
23. Collaboration Between Ministry of Health and MAPTB". Kuala Lumpur 25-26 March 2005
24. Management of Tuberculosis. 7th Sabah State Clinical Conference. Sandakan, Sabah. 11th – 13th August 2005
25. Orientation program for Medical Laboratory technologies on Tuberculosis Control Programme. Penang Hospital. 8th September 2005.
26. Respiratory Update. Hospital Ipoh. 10th September 2005
27. respiratory Update for Medical Officers, College of Physicians, Malaysia and AstraZeneca. 30 September – 2 October 2005. Selesa Beach Resort, Post Dickson. Seremban
28. Tuberculosis Management and Update. Perak State Health Department. 14-16 October 2005. Lake Town Bukit Merah. Taiping.
29. Update on Respiratory Medicine, Merdeka Palace, Kucing. Sarawak. 3-4 December 2005
30. Update on HIV/AIDS and Tuberculosis for Paramedic and Public Health Staff. Penang Hospital. 7-8 December 2005
31. GOAL Study: Moving Towards Total Control. Academy of Family Physicians in Malaysia. PJ Hilton. 12 February 2006.

32. Family Medicine Specialist and Medical Officers Standalone Meeting on Asthma Management. 4th –5th March 2006. Awana Genting.
33. Lung Cancer Management for National Training Course on Clinical Applications of PET in Cancer Management and Cardiovascular Diseases. Penang 21-23 March 2006. The City Bayview Hotel.
34. Public Forum on Bird Flu. Penang State. 19 March Penang
35. Radio Talk on World TB Day 2006. RTM Penang State. 23 March 2006
36. Lunch Symposium on Current Concepts of Asthma Management. Saujana Hotel. KL .26 March 2006
37. World TB Day 2006 Workshop on TB. Penang Hospital . 29 March 2006
38. Management of Tuberculosis for Medical Officers of Perak State. 23-25 April 2006. Cameron Highlands. Pahang
39. Management of Multi-Drug Resistant Tuberculosis for Family Medicine Specialists and Medical Officers. Hyatt Hotel, Kota Kinabalu. Sabah. 23- 28 April 2006
40. Examiner for long case and short case for the Penang Medical College Final Examinations, 14th to 16th June 2006. Penang Hospital.
41. Tuberculosis Management for paramedics, North Zone. Organized by Institut Kesihatan Umum. KKM. 17-20 July 2006. Hotel City Bayview. Penang
42. Management of Asthma for General Practitioners of Perak. Cameron Highlands. 12 August 2006
43. Management of Tuberculosis. Kedah State Tuberculosis Control Unit. Tanjung Bunga Hotel. Penang. 24th August
44. Paradigm Shift in Asthma Management. Wilayah MMA Primary Care Symposium 2006. 26-27 August. Putra World Trade Centre. Kuala Lumpur
45. Management of Tuberculosis for Paramedics. Seberang Perai Tengah. Penang 29th August 2006.
46. COPD. 9th Penang Scientific Conference for General Practitioners. 8-10 September 2006. Bayview Hotel. Penang
47. Pulmonary Embolism: Scope of Clinical Presentation. Vascular Imaging and Hands on Workshop. 16-17 September 2006. Hotel Shangri-La Putrajaya.
48. Managing asthma with Adjustable maintenance dosing treatment. 17 October 2006. Imperial Hotel. Miri. Sarawak
49. Asthma management with SMART Therapy. 18 October 2006. Everly Hotel. Sibul. Sarawak
50. Management of MDRTB. Institute of Respiratory Medicine. 8-9 November 2006.
51. Diagnostic and Interventional Pulmonology in Malaysia in the past 2 decades. 20th Anniversary Celebration Seminar. 12 November 2006. JW Marriot Hotel. Kuala Lumpur
52. Emergence of Multi Drug Resistance Tuberculosis. Penang Adventist Hospital, Scientific Conference. 2nd November 2006.
53. Millennium Development Goals in TB. Have we achieved? 2nd Perak Health Conference 2007. Impiana Casuarina Hotel . Ipoh. 26-28 February 2007
54. SMART and Simple asthma management. Malaysian Thoracic Society. 3rd March 2007. Parkroyal Hotel. Penang

55. GINA Guidelines in the Management of Asthma. MMA Sarawak Branch. 16th March 2007. Hilton Hotel. Kuching.
56. Workshop in COPD management. Malaysian Thoracic Society. 11th March 2007. Park Royal Hotel. Penang.
57. Asthma management and simple approaches to patient counseling. Asthma forum 2007, Malaysian Thoracic Society. The Westin Hotel, Kuala Lumpur. 21st April 2007.
58. Malaysia Thoracic Society , Latest GINA guidelines in asthma management. Swiss-Garden Golf Resort & Spa. Damai Laut , Perak. 12th May 2007
59. Malaysian Medical Association and Sabah Medical Association. Asthma management. The Pacific Sutera Hotel. Kota Kinabalu. Sabah. 19th May 2007.
60. Institut Kesihatan Umum. Management of TB in Adults, Children and Special group. Eagle Bay Hotel , Langkawi. 22-25 May 2007.
61. GP Workshop on Asthma Management. Malaysian Thoracic Society. Guoman Hotel. Port Dickson. Seremban. 16-17 June 2007
62. HIV/TB Co-infection Workshop. ACC. Penang Hospital . 4-5 July 2007
63. HIB/TB Co-infection. Seminar on Respiratory Diseases. AIMST University. 5 July 2007.
64. COPD Management. Seminar on Respiratory Diseases. AIMST University. 5 July 2007.
65. TB Management for paramedic, Eastern Region. Kuala Terengganu. 23-26 July 2007.
66. Management of Drug Resistant Tuberculosis. First National Tuberculosis Seminar. USM. Kota Baru 5-6 December 2007
67. Management of Asthma in the Primary Care. ACC Building, Penang Hospital. 11th December 2007
68. Sputum Microscopy Workshop. Klinik Kesihatan, Seberang jaya. 26th January 2008.
69. Updates in Asthma Manegement for Medical Officers. 5th April 2008. Gurney Hotel. Penang
70. Management of Tuberculosis for Medical Officers and Paramedic. 15th April 2008. Penang Hospital
71. Asthma in Pregnancy. High Risk Pregnancies. Penang Hospital 12th April 2008
72. Lung Cancer Diagnosis and Management. Alor Setar hospital CME. 17th April 2008
73. The persons behind the numbers. Are we getting less or more with the new treatment approach? Asthma Forum 2008. Park Royal Hotel. Penang. 19th April 2008.
74. Emerging data in COPD. Lunch Symposium at Medical Emergencies Congress. Bayview Beach Hotel. Penang 25-27 April 2008.
75. Total Easy Asthma Management. Hilton Hotel. Kuching. Sarawak. 3rd May 2008
76. Total Easy Asthma Management. Le Meredian Hotel, Kuala Lumpur. 10th May 2008
77. Update on COPD to general practioners and family medicine specialists. Grand Seasons Hotel. Kuala Lumpur. 17th May 2008

78. Asthma & COPD Expert Meeting Symposium. Damai Puri Hotel, Kuching. 23rd - 25th May 2008.
79. Pneumonia. Medical problems in the Elderly. Putrajaya. 19th June 2008.
80. Community Acquired Pneumonia. Update. 1st PGMES Antimicrobial & Chemotherapy Conference. 30th June 2008. New Pacific Hotel. Kota Bharu. Kelantan

National Guidelines and Respiratory Specialty Workshops at National Level

1. Guidelines on Prevention and Management of TB for HCW in Ministry of Health. Equatorial Hotel, Melaka. 13th to 15th March 2007
2. National TB Meeting and Workshop on Adapting DOTS to respond to MDR-TB and TB-HIV co-infection. Merdeka Palace, Kuching. 6th –8th March 2007
3. Committee member for the revision of Clinical Practice Guideline on Tuberculosis Management.2008
4. Chairman for the Review Committee for the CPG on MDRTB

Communications skills

1. Asia Pacific Clinical Trials Conference, 24-26 September 2001, Kuala Lumpur
2. Clinical Data management, 24 September 2001
3. Teaching the teachers workshop for Royal College of Surgeons, Ireland 2003
4. Presentations skills, GlaxoSmith Kline, 2003, 2004
5. Media Presentation Training Skills, Weber Shandwick, Worldwide
6. Radio talks for respiratory diseases state level and national level broadcastations.
7. Professional Media Skills Training, Professional Media and Crisis training. Weber Shandwick, Malaysia

Management Experience

1. Responsible for managing all HIV/AIDS patients in the whole state of Terengganu from 1992-2002
2. State Chest Physician for Terengganu, responsible for the Tuberculosis Control Programme from 1992-2002
3. Technical advisor for the non-government organization for tuberculosis for Terengganu from 1992-2002
4. State Tuberculosis Control Program technical advisor for Penang 2002 till now
5. Managed a staff of 56 in the Department of Respiratory Medicine, Penang Hospital
6. Responsible to obtain equipments and non-medical and medical items for the department.
7. Involved in the obtainment of ISO9000 for the Hospital and Department
8. In the Advisory Board on Respiratory Tract Infections, in Asia Pacific.
9. Had served the Haj Medical Team on two periods, for the year 1997 and 1999, going again in 2004
10. Headed the medical team for Haj season 2004/2005
11. In the panel for the Medical Advisory Board for the pilgrims performing Haj, State and National level 2005.
12. In the panel for the web site stoptb.who.org
13. Hospital Medical Advisory Board, Chairman for Medical Directorates
14. Avian Flu Committee, Penang State.
15. Advisory Board, Tuberculosis Research Group. Universiti Sains Malaysia.
16. Headed the Medical Team for Haj season for 8 seasons, last in 2012
17. Medical advisory board for the examination of pilgrims for Haj 2006
18. Advisory board for TB in Health Care Workers
19. Chairman, Medical Advisory Board. Penang Hospital for 2007
20. Committee member for Hospital Privileging Committee 2007
21. Committee member for the Respiratory Drugs, Ministry of Health. Malaysia.
22. Committee member for the Examination of Foreign Workers, Malaysia
23. Head of Respiratory Services, Malaysia 2010 to 2015

Innovations and Improvement in Respiratory Services

1. Started the Respiratory services in Kuala Terengganu from the basic. Managed to get donations and equipments from the state government and HRH Sultan Terengganu. Also received equipments worth more than RM100,000.00 from private institutions.
2. Started the first DOTS mode of tuberculosis treatment in Malaysia in 1996. This was initiated in Kuala Terengganu before the Ministry of Health embarked on it.
3. Printed the first brochure on DOTS for the education of patients and para-medics.
4. Introduced the individualized “medicine box” for all tuberculosis patients in Terengganu and later in Penang.
5. Renovated and expanded the Chest Clinic in Hospital Kuala Terengganu for better service to patients and safety of staff.
6. Started the “Persatuan Diabetis Malaysia” Terengganu branch in 1994.
7. Initiated and started the Palliative Ward and care in Terengganu.
8. Started the Hospice services in Terengganu with the collaboration of Malaysian Hospice Care.
9. Improved the Respiratory Clinic in Hospital Pulau Pinang by introducing new services for better patient care like: oncology clinic for lung cancer patients, asthma education, home visiting for patients who default treatment and collaboration with the cardio-thoracic unit for faster surgical interventions for lung diseases.
10. CME activities started in the Respiratory Department, never done before: Mortality Conference, Journal Review and Grand Ward round.
11. Collaborations with the private medical school in introducing the TB control program to the medical students.
12. Started the Public-Private Partnership in the treatment of TB in Penang state.
13. Close collaborations with the NGO for TB in the state TB control program.
14. Involved in the National Cancer Registry for lung cancer.
15. Work closely with Universiti Sains Malaysia, Tuberculosis Research Group.
16. New Tuberculosis Information System forms documentations.
17. Pleuroscopy and invasive bronchoscopy services at Penang Hospital.
18. Full Sleep study and Full lung Function Tests at Penang Hospital.
19. Started TB/HIV combined clinic in Respiratory Department, Penang Hospital.
20. Outpatient Bronchoscopy services in Ambulatory Care Center April 2008

Awards

1. Excellence in Work award, 1987 Hospital Alor Setar. Kedah
2. Excellence in Work award, 1995. Institute of Respiratory Medicine. Kuala Lumpur
3. Pingat Jasa Kebaktian (PJK) award 1993, by Duli Yang Maha Mulia, (HRH) Sultan of Terengganu
4. Dato Paduka Mahkota Terengganu (DPMT) award 1998, by Duli Yang maha Mulia, (HRH) Sultan Terengganu
5. Excellence in work award, 2004, Hospital Pulau Pinang.
6. Malaysian Medical Association, Long Service Award 2008
7. Darjah Setia Pangkuan Negeri (DSPN) awarded by the Governor of Penang for services rendered to NGO activities in medical, 2012
8. DPMP awarded by Sultan of Perak 2014

Sporting Activities

1. Represented school and state for cross country events 1973-1975, won several medals.
2. Represented school for Penang Hill run competition 1975, won 5th place
3. Represented University Malaya for the Annual Inter-varsity Games for the following events, badminton, carom and marathon. (Malaysia-Singapore-Indonesia)
4. University Malaya Open, carom's competition runners up 1976
5. Annual Malaysian Medical Association interstate games, won prizes for carom, badminton and football, tug of war and darts.
6. Inter-department games for badminton and carom 2003

Membership/Associations

1. Academy of Medicine Malaysia, Member
2. American College of Chest Physicians, Member and Governor for Malaysia
3. Malaysian Thoracic Society, Life Member
4. Malaysian Medical Association, Life Member

5. Malaysian Association for the Prevention of Tuberculosis, Medical Advisor for State and Federal
6. International Union Against Tuberculosis and Lung Disease, Member
7. Asia Pacific Society of Respiriology, Member
8. Asthma Council Malaysia, protem committee
9. Council Member for The Respiratory Medicine Speciality Subcommittee . Ministry of Health Malaysia.
10. Vice Chairman MMA Penang Branch 2007-2008
11. Chairman, MMA Penang Branch 2008-2009
12. Chairman, Medical Advisory Council, Penang Hospital 2008
13. Fellow of the Asia Pacific Society of Respiriology
14. Scientific Committee Member of the International Union Against TB And Lung Diseases, Asia.
15. Committee member of the Organising committee of the APSR 2015 Kuala Lumpur

Presentations/Publications

1. Tuberculosis and HIV. University Malaysia Sabah, Biotechnology Symposium 1. July 2002.
2. Lung cancer and cutaneous metastasis. Institute of Respiratory Medicine, Kuala Lumpur. 1995
3. Pulmonary Sarcoidosis. A case report. Institute of Respiratory Medicine. 1995
4. Smoking and Cancer. National Cancer Society. Neoplasia. 1994
5. KAP among HIV positive patients in Hospital Kuala Terengganu. 5th ICCAP. Kuala Lumpur. June 1999
6. Use of antibiotic in Syissyah Hospital. Mecca. The Malaysian Thoracic Society. 3rd Annual Congress. Kuala Lumpur. July 2000
7. Screening of Health Care Workers for Tuberculosis in Hospital Kuala Terengganu. The Malaysian Thoracic Society. 3rd Annual Congress. Kuala Lumpur. July 2000
8. HIV and Tuberculosis “The cursed Duet”. Malaysian Medical Association Newsletter. August 2001.
9. Quality of Life in Asthmatics. How do Malaysian asthmatics fare. Med J Malaysia 2001;56(3):350-58
10. Tuberculosis MDR and ADR. H Aishah, SS Syed Azhar. AM Razak. MPHARM School of Pharmaceutical Sciences. Universiti Sains Malaysia. 2002.
11. Validity and reliability of the SF-36: The Malaysian Context. Med J Malaysia. 2005;60(2): 163-179
12. Survival analysis of the bacteriologically confirmed tuberculosis patients in Kuala Terengganu. 2003. AR Jamaluddin, I Noor Hidayah, AA Jemain, AM Razak

13. Safety and efficacy of Clarythromycin in adults and paediatric Malaysian populations with respiratory tract infections. 2003. Abdullah Razi, Keng Hwang, AM Razak. Med J Malaysia
14. Pharmaco-economics of tuberculosis treatment. National Tuberculosis Symposium. A Razak M. Penang 2004.
15. Tuberculosis and HIV. National Tuberculosis Symposium. A Razak M. Penang 2004.
16. Is CT scan a rational indicator to initiate TB therapy in patient with tuberculosis peritonitis?. A case report. M Karuppanan, Noorizan AA, AM Razak. National Tuberculosis Symposium.2004
17. Justification on initiating early treatment for tuberculosis meningitis based on clinical risk. A case report. Shubashini G, Noorizan AA, AM Razak. National Tuberculosis Symposium.2004
18. Tuberculosis: Are carers concerned about infection risk? MD Ali SAK, Moissinac K, Yeoh KCB, AM Razak National Tuberculosis Symposium.2004
19. Significance of symptoms and investigations on tuberculosis case finding. AM Razak National Tuberculosis Symposium.2004
20. Collaboration Between Ministry of Health and MAPTB". Kuala Lumpur 25-26 March 2005
21. Epidemiology of primary lung cancer in Penang Hospital 2004. Ong CK, Abdul Razak M. Post Graduate Medical Society Penang, Scientific Congress 2005 Penang.
22. Tuberculosis in the Immigrant workers in Penang. Poster presentation, 8th Annual Congress, Malaysian Thoracic Society. Kuala Lumpur. July 2005
23. Diagnosis of lymph node tuberculosis by fine needle aspiration. Poster presentation, 8th Annual Congress, Malaysian Thoracic Society. Kuala Lumpur. July 2005
24. Is the heavy workload of the laboratory technicians a cause for poor yield of sputum acid fast bacilli smear microscopy? Adel HN, Abdul Razak M. Poster presentation, 8th Annual Congress, Malaysian Thoracic Society. Kuala Lumpur. July 2005
25. Cutaneous Adverse Drug Reaction (CADR) from 1st line antituberculosis drugs among patients treated for active tuberculosis. Respiratory Unit, Penang Hospital.2004. Poster presentation, 8th Annual Congress, Malaysian Thoracic Society. Kuala Lumpur. July 2005. Ong CK, Tan WC, Abdul Razak M
26. Drug Induced Hepatitis (DIH), from 1st line antituberculosis drugs among patients treated for active tuberculosis. Respiratory Unit, Penang Hospital.2004. Oral presentation, 8th Annual Congress, Malaysian Thoracic
27. Study relationship between acid fast bacillus (AFB) smear test and other diagnostic methods in detecting TB cases. HA Adel, I Pazilah, MI Izham, AM Razak. July 2005.
28. Intravenous followed by Oral Levofloxacin in the treatment of Community Acquired Lower Respiratory Tract Infections in adults: A multicentre Study. Abdul Razak Muttalif, Norhaya Razali, Hamidah Sahaban. Poster presentation. 10th Congress of the Asia Pacific Society of Respiriology and 1st Congress of the APSR/ACCP. Guangzhoa. China 2006

29. The use of fiberoptic bronchoscope in the diagnosis of lung cancer in Penang Hospital, Malaysia. Abdul Razak Muttalif, Mohd Jahangir Wahab. Poster presentation. 10th Congress of the Asia Pacific Society of Respiriology and 1st Congress of the APSR/ACCP. Guangzhao. China 2006
30. Tuberculosis –HIV Coinfection: The relationship between manifestation of tuberculosis and the degree of immunosuppression (CD4). 2 years review 2004-2005. Ong CK, Tan WC, Leong KN, Abdul Razak M. Malaysia Thoracic Society Annual Congress 2006. Penang. Malaysia.
31. Clinical characteristics and risk factors for hepatotoxicity from antituberculosis drugs among patients in Penang Hospital. Rosalind Toh, Abdul Razak M. Malaysia Thoracic Society Annual Congress 2006. Penang. Malaysia.
32. Community Acquired Pneumonia in Mecca. Poster Presentation. Malaysia Thoracic Society Annual Congress 2006. Penang. Malaysia.
33. Patient perception of differences between oral and nasal route of bronchoscopy in Penang. C. Gunaretnam, Abdul Razak M, Rosalind Toh, Rosnawati A, Azizah S
34. PET in Lung Cancer-Penang Experience. Abdul Razak M, Mohamed Ali AK. Malaysian Oncological Society, Annual Scientific Meeting. 1-3 September 2006. Penang
35. Cross sectional observation study on the prevalence of lung cancer in Chest Clinic, Penang Hospital for year 2004. Malaysian Oncological Society, Annual Scientific Meeting. 1-3 September 2006. Penang
36. Perception of Asthma in Penang. PGMES Scientific Meeting. 17 November 2006. Penang
37. Evaluation of solitary pulmonary nodule by using PET-FDG imaging. PGMES Scientific Meeting. 17 November 2006.
38. Our Battle Against TB. Conference on Infectious Diseases. 6th-8th April 2007. Bayview Beach Resort. Penang.
39. National Medicine Use Survey 2005. 14th April 2007. Kuala Lumpur.
40. More Life, Less Asthma. The Primary Care Clinic. Hilton Prtaling Jaya. 28 October 2007
41. Second Line Chemotherapy for Lung Cancer. Lung Cancer Now and Beyond. Hospital Sultan Ismail. Johor Bahru. 17 November 2007.
42. Cavitation on Chest X Ray and Sputum Positivity in Patients With Pulmonary Tuberculosis: A Retrospective Study. 12th Congress of the Asia Pacific Society of Respiriology/2nd Joint Congress of the APSR/ACCP. 30 November-4 December 2007. Gold Coast Convention Centre. Queensland. Australia.
43. Sputum Bacteriology and In- Vitro Antibiotic Susceptibility in Hospitalized Patients with Community Acquired Pneumonia in a Local State Hospital in Malaysia. A Retrospective Study. 12th Congress of the Asia Pacific Society of Respiriology/2nd Joint Congress of the APSR/ACCP. 30 November-4 December 2007. Gold Coast Convention Centre. Queensland. Australia.
44. Best Practice in the Management of Asthma. Conference on Behavioral Medicine. 25-27th January 2008. Cititel Hotel. Penang
45. Cost of illness of tuberculosis in Penang, Malaysia. AM Razak, EI Elamin, MIM Ibrahim, SAS Sulaiman. Pharm World Sci (2008) 30:281-286

46. A survey on tuberculosis cases in Penang Hospital: Preliminary findings. AM Razak, EI Elamin, MIM Ibrahim, SAS Sulaiman. *Malaysian Journal of Pharmaceutical Sciences*, Vol.2 No. 2,1-8 (2004)
47. Epidemiological Evaluation of Tuberculosis in the State of Penang: A retrospective analysis of year 2006. AM Razak, HK Amer, SAS Sulaiman, MA Hassali, MA Hadi. 8th Asian Conference on Clinical Pharmacy. Surabaya, Indonesia. July 1-4 2008.
48. Epidermal Growth Factor (EGF) based therapeutic cancer vaccine: 13 years of clinical experience. G. Selvaratnam, R. Kananathan, J, Jayendran, AM Razak, HS How.
49. Incidence of Tuberculosis among diabetic patients. AM Razak, HK Amer, SAS Sulaiman, MA Hassali, MA Hadi. 8th Asian Conference on Clinical Pharmacy. Surabaya, Indonesia. July 1-4 2008.
50. A retrospective review of cutaneous tuberculosis in Penang Hospital 1996-2007. Tan WC, Ong CK, Lo Kang SC, Razak AM. Poster presentation, 10th Annual Congress of Malaysian Thoracic Society. 18-20 July 2008, Swiss Garden Resort & Spa Kuantan, Pahang. Malaysia
51. Cost of treating tuberculosis in Penang, Malaysia. Poster presentation, 10th Annual Congress of Malaysian Thoracic Society. 18-20 July 2008, Swiss Garden Resort & Spa Kuantan, Pahang. Malaysia
52. Presentation at diagnosis and severity of tuberculosis. Poster presentation, 10th Annual Congress of Malaysian Thoracic Society. 18-20 July 2008, Swiss Garden Resort & Spa Kuantan, Pahang. Malaysia
53. Incidence of tuberculosis in a state prison: The preliminary findings. Poster presentation, 10th Annual Congress of Malaysian Thoracic Society. 18-20 July 2008, Swiss Garden Resort & Spa Kuantan, Pahang. Malaysia
54. Convergence of tuberculosis and diabetes mellitus: time to individualise pharmaceutical care. Shubashini Gnanasm. Kang Nee Ting, Kok Thong Wong. Salmiah Mohd Ali. Abdul Razak Muttalif. Claire Anderson. *Int J Clin Pharma* (2011)33:44-52
55. Tuberculosis Lymphadenitis at Penang General Hospital, Malaysia. Amer Hayat Khan, Syed Azhar Syed Sulaiman, Abdul Razak Muttalif, Mohamed Azmi Hassali, Tahir Mehmood Khan. *Med Princ* 2011;20:80-84
56. Potential impact of a pilot training program on smoking cessation intervention for tuberculosis DOTS providers in Malaysia. Ahmed Awaisu, Mohamad Haniki Nik Mohamed, Nooliza Mohamad Noordin, Noorizan Abd.Aziz, Syed Azhar Syed Sulaiman, Abdul Razak Muttalif, Aziah Ahmad Mahayiddin. *J Public Health*. DOI 10.1007/s10389-009-0302-5
57. Tuberculosis –HIV Coinfection: The Relationship Between Manifestation of Tuberculosis and the Degree of Immunosuppression (CD4 Counts). CK Ong, WC Tan, KN Leong, AR Muttalif. *IeJSME* 2008;2(2);17-22
58. Two years Review of Cutaneous adverse Drug Reaction from First Line Anti-Tuberculosis Drugs. WC Tan, CK Ong, SC Lo Kang, M Abdul Razak. *Med J Malaysia* Vol 62 No2 June 2007
59. A multicenter surveillance study on the characteristics, bacterial aetiologies and in vitro antibiotic susceptibilities in patients with acute exacerbations of chronic

- bronchitis. David S. Hui, Margeret IP, Razak Muttalif, Camilo Roa, Hans H. Liu, et al. *Respirology* (2011) 16, 532-539
60. Bronchial Asthma: New insights into and old disease. 5th National Respiratory Symposium. Brunei Darussalam. 3rd April 2011.
 61. Treatment Paradigm in Small Cell Lung Cancer. MOS-GSK Collaborative Scientific Meeting. Kuala Lumpur. 23rd April 2011
 62. Epidemiology and Burden of Moderate to Severe Pneumonia in Malaysia. National Infectious Disease Forum. Putrajaya. Malaysia. 7th – 8th May 2011
 63. Smoking Cessation. Lunch Symposium. Kuala Lumpur. 21st -22nd May 2011.
 64. Personalizing Treatment in a NSCLC. Penang. 10th June 2011.
 65. Programmatic control of Tuberculosis in Malaysia. 3rd Conference of The Union Asia-Pacific Region. 10th July 2011. Hong Kong.
 66. Occupational Lung Diseases. 2nd Annual Occupational Safety And Health Seminar for MOH Hospitals 2011. 18th July 2011. Ministry of Health. Putrajaya.
 67. Tuberculosis Management and Control. Tuberculosis and Leprosy Control Technical Meeting. Hotel Concorde Inn. KLIA. 20th July 2011
 68. Endobronchial Tuberculosis- The hidden entity. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 69. Tuberculosis in Ten Pictures . Ahmad Fizal, M Ruthranesan, N Marzuki, JK Nasib Singh, DA Amran, A Yunus, A Ahmad Mahayiddin, AM Razak. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 70. Concomitant Pulmonary Tuberculosis and Leprosy. Yaqueen E, Shaharudin A, AM Aziah, AM Razak. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 71. Are Tuberculosis Treatment Outcome Categories Missing Something? A Case Report from Malaysia. Atif M, Sulaiman SAS, Ali I, AM Razak, Shafie AA. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 72. Drug Induced Vomiting and Diabetes Mellitus Complicating the Management of Pulmonary Tuberculosis. A case Report from Malaysia. Atif M, Sulaiman SAS, Ali I, AM Razak, Shafie AA. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 73. Pathogen and Sensitivity Pattern in a Hospital treating Pulmonary Diseases. Nurhayati MM, Izayu N, Liza AF, Muventhiran, Jasminder K, Dora AA, AM Aziah, AM Razak. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 74. Comparing Median Survival in Locally Advanced or Metastatic NSCLC Treated with Platinum Based Chemotherapy and Best Supportive Care. M Ruthranesan, L Ahmad Fizal, N Marzuki, DA Amran, L Chandra Kumar, JK Nasib Singh, A Yunus, AM Aziah, AM Razak. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 75. Role of PET/CT in the Management of Lung Cancer. AM Razak, V Shanty, SM Leong, H Fadzilah. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
 76. Clinical Presentation of Obstructive Sleep Apnea Syndrome Referred to Sleep Clinic in Institute Perubatan Respiratori. AA Dora, A Shaharudin, Y Ashari, AM

- Aziah, A Rosmahani, Z Aishah, L Fauziah, AR Norzira, M Zuriyana AM Razak. Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 22- 24th July 2011
77. 3Is – What, When, How. 2nd National AIDS Conference. Equatorial Hotel Penang. 3rd- 5th October 2011.
 78. Asthma exacerbation-Implication of Exacerbation and can we do better. 7th Primary Care Symposium. 8th-9th October 2011. Eastin Hotel. Petaling Jaya.
 79. Role of Moxifloxacin in treating respiratory tract infections. League of General Practitioners Summit Workshop. Philea Melaka. 28th-30th October 2011
 80. What do we need to know about lung cancer? Hilton Hotel. Kuching. 20th October 2011
 81. Prevalence and Spectrum of Major Anti-TB Reactions in a Multiethnic Asian population: A Study Between HIV and Non-HIV Patients with TB Infection. Wei Lyn Chung, Ong Choo Khoon, Tan Wooi Chiang, Abdul Razak Muttalif, Loh Li-Cher. Chest 2011;140:950A
 82. Erythema Induratum as Early and Sole Presentation of Tuberculosis. Ong Choo Khoon, Tan Wooi Chiang, Loh Li Cher, Abdul Razak Muttalif. Chest 2011;140:86A
 83. Low molecular weight Heparin and mortality in acutely ill medical patients Ajay KK, Claudio C, Samuel ZG, Rajiv Parakh, Yaw CH, Najihah I, How SH, Abdul Razak M, Bharathan T, Aris C et al. N Eng J Med 365;26:2463-2472
 84. Satisfaction levels and asthma control amongst Malaysian asthmatic patients on budesonide/formoterol maintenance and reliever therapy :experience in real life setting. Roslina AM, Loh LC, Razak AM, George KS, Toh BH, Norhaya MR, Aliza MT, Che Wan AH, Fauzi AR, Aziah AM. Patient Related Outcome Measures 2012;3 71-78
 85. Health Related Quality of Life (HRQoL) in Co-Morbid Tuberculosis Relapse Patient: A Case Report from Malaysia. M Atif, SAS Sulaiman, AA Shafie, AR Muttalif, Hassali MA, F Saleem. Trop J Pharm Res, August 2012;13(4):651
 86. Role of Diabetes in the Prognosis and Therapeutic Outcome of Tuberculosis. SAS Suleiman, MIA Daud, AJ Mohamed, AR Muttalif MAA Moussa. International Journal of Endocrinology Volume 2012,
 87. Pneumonia During Haj in Syisyah Hospital, Makkah. Razak AM, Sharifah Suryani, Azah AS, Matnoh K. Poster presentation at Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 14-16 June 2013.
 88. Adverse reactions to Anti-Tuberculosis Therapy in a Single Centre. Kasuma MN, Razak AM, Devi. Poster presentation at Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 14-16 June 2013
 89. A year review of Nosocomial Tuberculosis Infection in Health Care Workers: IPR Experience. Z Abu Bakar, R Yasin, N Mazuki, Razak AM. Poster presentation at Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 14-16 June 2013
 90. Characteristics and Outcome of Pulmonary Tuberculosis in Patients with Diabetes Mellitus. Z Abu Bakar, R Yasin, Razak AM. Poster presentation at Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 14-16 June 2013

91. A Case Series of Endobronchial Hamatoma. Mona N, Azlina S, Dora A, Ngan KW, Razak AM, et al. Poster presentation at Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 14-16 June 2013
92. A Case Report of Bronchoalveolar Carcinoma Presenting as Meningitis. Aishah I, Goon AK, Razak AM. Poster presentation at Annual Congress of Malaysian Thoracic Society. Kuala Lumpur. 14-16 June 2013
93. Pneumonia with positive pneumococcal urinary antigen (PUA) among Malaysian pilgrims. M Suhaimi, Simbak N, AR Muttalif, MN Karim, M Shafie A, SH Noor. 5th National Seminar on Hajj Best Practices on Crowd and Health During Hajj. 27-28 August, Penang
94. Pneumonia during Haj in Syisyah Hospital, Makkah. Razak AM, Sharifa Suryani, Azah AS, Matnoh K, Suzalina S, Noor Shahieddah. 5th National Seminar on Hajj Best Practices on Crowd and Health During Hajj. 27-28 August, Penang.
95. Pleural Tuberculosis and its Treatment Outcomes. Amer Hayat Khan, Syed Azhar SS, AM Razak, MA Hassali, Hadeer Akram, Syed Wasif. Tropical Journal of Pharmaceutical Research August 2013;12(4):623-627
96. Patients' beliefs and behaviors related to treatment adherence in patients with asthma requiring maintenance treatment in Asia. K.-C. Chi, W. Boonsawat, MD, S.-H. Cho, Y. J. Cho, MD, J.-Y. Hsu, C.-K. Liam, MBBS, A. R. Muttalif, H. D. Nguyen, V. N. Nguyen, C. Wang, and N. Kwon. J Asthma, Early Online: 1-8 2014 Informa Healthcare USA, Inc. DOI: 10.3109/02770903.2014.898772
97. Impact of Co-morbid conditions on Treatment Outcome Among Tuberculosis Patients in Malaysia. Poster Presentation APSR Bali 2014. Abdul Razak Muttalif, Amer Hayat Khan, Syed Azhar, Omer Matten
98. Severe Adverse drug reaction to First Line Antituberculosis in Single Centre. Kasuma MN, Abdul Razak Muttalif. Poster Presentation APSR Bali 2014
99. Awareness and Usage of Inhalers Among Patients with Asthma: Findings From REALISE Asia. HO JC, Yunus F, David Wang A, Cho SH, Muttalif AR, Perng DW. Poster Presentation APSR Bali 2014
100. Referred sources of Information on Asthma: Data from Multinational Survey of Patients in Asia. David Wang A, Tan TL, Yunus F, Cho SH, Jeong JW, Muttalif AR, Neira G. Poster Presentation APSR Bali 2014
101. A survey on COPD Diagnosis Among Primary Care Physicians in Malaysia. How SH, Pang YK, Liam CK, Manap RA, Muttalif AR, Kassim A, Ng CK, Idris I, Low GKS. Poster presentation APSR Bali 2014
102. Differences in Patient-Perceptions and Levels of Asthma Control Across 8 Asian Countries: Data from the REALISE Asia Survey. Muttalif AR, Lin JT, Cho SH, David Wang A, HO JC, Yunus F, Jeong JW. Poster presentation APSR Bali 2014
103. Identification of Attitudinal Clusters in Patients with Asthma: Analysis from REALISE Asia. Cho SH, David Wang A, Ho JC, Jeong JW, Liam CK, Lin JT, Muttalif AR
104. Treatment outcomes Among Pulmonary and Extrapulmonary Tuberculosis Patients in Malaysia. Muttalif AR, Amer Hayat Khan, Sulaiman SAS, Nateen O. Oral presentation APSR Bali 2014.

105. Identification of risk factors associated with extrapulmonary tuberculosis in Malaysia. Poster presentation 5th Conference of The Union Asia Pacific Region. Sydney, Australia. 2015
106. Sexual inequality among Multi Drug Resistant Tuberculosis patients in Pakistan. Poster presentation 5th Conference of The Union Asia Pacific Region. Sydney, Australia. 2015
107. Effects of Diabetes on treatment outcomes among TB patients in Malaysia. Oral presentation. 5th Conference of The Union Asia Pacific Region. Sydney, Australia. 2015
108. Time for a new language for asthma control: results from RE ALISE Asia. Abdul Razak Muttalif, David Price, Aileen David-Wang, Sang-Heon Cho, Chong-Kin Liam, et al. Journal of Asthma and Allergy 2015;8 93–103

Multicenter International Studies/ National Studies

1. Gaining Optimum Asthma Control. Multicentre randomized, double blind, placebo controlled, parallel study. Completed 2004. Presented in World Asthma Meeting. Bangkok 2005
2. Towards a Revolution in COPD Health (TORCH Study). A large multicenter, randomized, double blind, placebo controlled study. Recently completed, three year study.
3. IRESSA Trial. Multicenter, randomized, double blind, placebo controlled study on Iressa Survival Evaluation in Lung Cancer. Just completed .
4. Safety and Efficacy of Calrithromycin in adult and pediatric Malaysian populations with respiratory tract infections. National multicentre study.
5. Tuberculosis National Surveillance 2002-2003
6. Intravenous followed by oral levofloxacin in the treatment of community acquired lower respiratory tract infections in adults. A multicenter study.
7. Evaluation of the 24 hour trough FEV₁, following 7 days of dosing with CHF 4226 2 ug once daily. A multicenter, double bling, double dummy, randomized parallel group, placebo and active (formeterol 12ug bid) controlled study followed by a 3 week open lable extension for the evaluation of safety and tolerability.
8. An open label, randomized, parallel group, multicentre, Phase III study to assess efficacy. Safety and tolerability of Gefitinib (IRESSA) 25mg tablet versus carboplatin/paclitaxel doublet chemotherapy as first line treatment in selected patients with advanced (Stage IIIB or IV) Non-Small Cell Lung Cancer in Asia IPASS (Iressa Pan-Asian Study)
9. A phase III, Randomized, Double-Blinded, Multi-Center Study to Assess the Efficacy of Docetaxel (Taxotere) in combination with ZD6474 (ZACTIMA) versus Docetaxel (TAXOTERE) in combination with placebo in patients With

- Locally Advanced or Metastatic (Stage IIIb-IV) Non-Small Cell Lung Cancer (NSCLC) after Failure of 1st Line Anti- Cancer Therapy
10. A randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Assess Long Term (one year) Efficacy and Safety of Tiotropium Inhalation Solution 5ug (2 puffs of 2.5ug) Delivered by the Respimat Inhaler in Patients with Chronic Obstructive Pulmonary Disease (COPD)

Events Organised

1. World Tuberculosis Day, National Level. Penang 2002
2. World Asthma Day, State level. Penang 2002
3. World COPD Day, State level. Penang 2002
4. World Tuberculosis Day 2003
5. World COPD Day 2003
6. World Asthma Day 2003
7. Aerobicaton, event to get donations for tuberculosis patients, 2003
8. World Tuberculosis Day 2004
9. World Asthma Day 2004
10. Line Dancing, to get donations for tuberculosis patients 2004
11. World COPD Day 2004
12. National Tuberculosis Seminar, Penang, 2004
13. World TB Day, Penang State level. 23 April 2005
14. Postgraduate Medical Society Scientific Congress, Penang, 21-22 May 2005
15. World Asthma Day- Asthma Camp for patients, Youth Park, Penang. 18 June 2005
16. World asthma Day- Asthma Workshop for Family Medicine Specialists and Medical Officers. Gurney Hotel. Penang. 14 June 2005
17. Public Forum on Bird Flu. Penang State.
18. World TB Day 2006. Penang Hospital. 29 March 2006
19. Asthma Workshop in Conjunction with the World Asthma Day 2006. Gurney Hotel. Penang. 9th May 2006.
20. MMA AGM 2006 in Bayview Beach Hotel. 28th May to 4th June 2006
21. Public Forum on Metabolic Syndrome, in conjunction with the MMA AGM. The organizing chairman and CME chairman for the event. Auditorium A , KOMTAR. Penang
22. Asthma Camp in conjunction with the World Asthma Day 2006. Penang Botanical Gardens. Penang. 25th June 2006.
23. Pleuroscopy Workshop, in conjunction with the Malaysian Thoracic Society 9th Annual Congress. Penang Hospital 13 July 2006.
24. Malaysian Oncological Society, Annual scientific Meeting 2006. 1-3 September 2006. Bayview Beach Resort, Penang.
25. Medical Camp. UMA Building, Transfer Road. Penang. Muslim League Penang. 17 September 2006
26. Tuberculosis Management and Development of Personal Skills. Sandy Beach Resort. Langkawi Island. Kedah. 10-12 November 2006

27. PGMES Scientific Meeting & World COPD Day 2006. Dental Training School. 17 November 2006
28. World TB Day 2007. Penang State level. Held in Seberang Perai Utara on 24 March 2007.
29. Conference on Infectious Diseases. 6-8th April 2007. Bayview Beach Resort, Penang.
30. World Asthma Day, Penang State Level. 5th May 2007. Botanical Gardens. Penang
31. Management of Tuberculosis for medical officers and paramedic. 17 May 2007. Ambulatory Care Center. Penang Hospital
32. Tuberculosis for the laboratory technologists. Penang Hospital. 19 June 2007
33. Postgraduate Medical Education Society, Penang Hospital. 2nd Scientific Congress. Organising Chairman. 20-22 July 2007. Bayview Georgetown Hotel. Penang
34. World COPD Day 2007, Penang State level. 23 November 2007. Ambulatory Care Center, Penang Hospital
35. World TB Day 2008. State Level at Dewan Perda, Teluk Kumbar. Penang 5th April 2008
36. World Asthma Day 2008, Penang Hospital. Ambulatory Care Center. Penang Hospital
37. World TB Day 2011 held at IPR on 28th March 2011
38. World Asthma Day 2011 at IPR 2nd May 2011
39. World No Tobacco Day at IPR 24th May 2011
40. World TB Day & National TB Conference. Seri Pacific Hotel 24-25 March 2012
41. World asthma Day 2012. May 2nd 2010. IPR
42. World TB Day. Sunway Putra Hotel Kuala Lumpur 28th March 2014
43. World Asthma Day. Institut Perubatan Respiratori. May 6th 2014

Community services

1. The Temple of Fine Arts, “Klinik Pakar Percuma”
2. Persatuan Nurul , Medical Lectures and health advisor for Haj pilgrims
3. Persatua Muslim Bersatu. Panel for Medical Camp 2004-2006
4. HOSPICE medical advisor and visits.
5. Medical Advisor for Pearl Care Home for the aged.
6. Medical Camp and clinic for Liga Islam, Penang
7. Malaysian Medical Association., Penang Branch, Medical Camp. Caledonia Estate. 28 January 2007.
8. Medical Camp by Liga Islam at Tasik Gelugor on 2nd March 2008