

CURRICULUM VITAE



DATUK DR. AZLAN HUSSIN

Date of Birth : 28th June 1967

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Current Position : 1) Senior Consultant Cardiologist & Electrophysiologist
Department of Cardiology
Institut Jantung Negara, 145, Jalan Tun Razak
50400 Kuala Lumpur

2) Clinical Director, Interventional Electrophysiology & Implantable Devices
Institut Jantung Negara, 145, Jalan Tun Razak
50400 Kuala Lumpur

3) Chairperson, Invasive Cardiovascular Laboratory (ICL)
Institut Jantung Negara, 145, Jalan Tun Razak
50400 Kuala Lumpur

4) Adjunct Professor UiTM-IJN Cardiothoracic Surgery Postgraduate
Programme at Faculty of Medicine Universiti Teknologi Mara

FORMAL EDUCATION

- 1980 – 1986 Methodist Secondary School,
Jalan Raya Barat, Klang, Selangor.
- 1986 – 1987 Matriculation Centre
University Malaya
- 1987 – 1992 Faculty of Medicine
University of Malaya
- Feb 1997 Membership to the Royal College of
Physicians United Kingdom (MRCP)
- Feb 2002 –
Jan 2003 Post doctoral Clinical Fellow, Royal
Melbourne Hospital, Melbourne, Australia

PROFESSIONAL QUALIFICATIONS

- Member of the Royal College of Physicians of Edinburgh (M.R.C.P)
- Bachelor of Medicine and Surgery University Malaya (M.B.B.S)

HONORARY FELLOWSHIPS

- Fellow of the Heart Rhythm Society (FHRS)
- Fellow of the American College of Cardiology (F.A.C.C)
- Fellow of the Asia-Pacific Society of Cardiology (F.A.P.S.I.C)

AWARDS/ACHIEVEMENTS

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| 2023 | Top Innovative Leader of the Year, Leadership Excellence Awards (LEA) |
| 2022 | P.M.W. (Panglima Mahkota Wilayah [Wilayah Persekutuan]) |
| 1994 | Best Employee for Ministry of Health, State of Perak Darul Ridzwan District of Teluk Intan |
| 1984 | Best All rounder Student (ACSian) of the year Methodist Secondary School (ACS) Klang. |
| 1984 | Top student of Methodist Secondary School (ACS), Klang. |

PROFESSIONAL EXPERIENCE

- July 1992 – July 1993 House Officer
Hospital Ipoh
Perak Darul Ridzwan
- July 1993 – Aug 1993 Medical Officer
Outpatient Department
Hospital Ipoh, Perak
- Sept 1993 – Dec 1993 Medical Officer
Outpatient and Casualty Department
Hospital Teluk Intan, Perak
- Jan 1994 – Dec 1995 Medical Officer
Department of Medicine
Hospital Teluk Intan, Perak.
- Jan 1996 – June 1997 Medical Officer
Department Of Medicine
Hospital Kuala Lumpur
- July 1997 – July 1999 Senior Registrar in
Cardiology
National Heart Institute, Kuala Lumpur
- July 1999 – May 2003 Cardiologist
National Heart Institute, Kuala Lumpur.
- May 2003 - May 2016 Consultant Cardiologist and Electrophysiologist
National Heart Institute, Kuala Lumpur
- Feb 2016 till now Clinical Director – Interventional Electrophysiology and
Implantable Devices
- June 2016 till now Senior Consultant Cardiologist and Electrophysiologist

ACADEMIC ACTIVITIES / APPOINTMENTS / PRESENTATION

- Secretary: Clinical Practice Guidelines on the Management of Acute Myocardial Infarction: Joint Recommendations of Ministry of Health , Academy of Medicine and National Heart Association of Malaysia.
- Protem committee member, Malaysian Society of Pacing and Electrophysiology 2000.
- Honorary Lecturer: Post -basic course Nursing Course in CCU care, Ministry of Health from 1998 up to now
- Honorary Lecturer, ICU Nursing Course, IJN from 1999 up to now.

- Examiner:, Post- basic Nursing Course in CCU care final Examinations, Ministry of Health from 1998 up to now
- Faculty: The First National Resuscitation Conference, 10 – 12 November 2000, Penang.
- Faculty: National Seminar on Heart Disease in Pregnancy, Kuala Lumpur, 20 – 21 November 1999.
- Faculty: ECG Teaching Course, organized by the CME division Hospital Kuala Terengganu June 1999.
- Faculty: The First IJN Teaching Course in ECG, 2000.
- Faculty: ECG Teaching Course, MMA, Sabah 10 – 11th June 2000.
- Faculty: The Second IJN Pacemaker Workshop, February 2001.
- Secondary Investigator: The ACUTE II Study
- Committee member: IJN subcommittee on telemedicine.
- Faculty: Negeri Sembilan State level ECG Teaching Course, Seremban, Negeri Sembilan July 2001.
- Faculty: ECG and Pacemaker Teaching Course organized by MMA Melaka branch, 19th August 2001.
- Faculty: MRCP Part II Intensive Course 2001.organized by Hospital Selayang, Kuala Lumpur, 10th Sept – 14th Sept 2001.
- Faculty: ASEAN Congress of Cardiology 2002 organized by National Heart Association Malaysia, 17th July – 21st July 2002.
- Organizing Committee: for the Electrophysiology Section, ASEAN Congress of Cardiology 2002 organized by National Heart Association Malaysia, 17th July – 21st July 2002.
- Post-Doctoral Fellow: Electrophysiology Unit, Department of Cardiology, Royal Melbourne Hospital with Professor Jonathon M. Kalman, Professor Of Medicine, University of Melbourne from 1st February 2002 – 31st January 2003.
- Faculty: National Heart Association of Malaysia Annual Scientific Meeting 2003
- Faculty: Advanced Cardiac life Support Course, 9th May 2003 – 10th May 2003
- Faculty: Symposium on Arrhythmia: Atrial Fibrillation from A to Z- Catheter Ablation of typical and atypical atrial flutter, Indonesia Heart Association, 28th September 2003.
- Faculty: Emerging Imaging Technology & Interventional Procedures National Conference, 9th – 10th December 2003, Kuching, Sarawak

- Faculty: National Heart Association of Malaysia Annual Scientific Meeting & Biennial General Meeting 16th to 18th April 2004, Kuala Lumpur
- Faculty: 6th National Symposium on Clinical Emergencies, 4th – 6th August 2004, Tawau, Sabah
- Faculty: Recent Advances in Cardiovascular Management, 29th – 30th November.2004, Kuching, Sarawak.
- Faculty: National Heart Association Annual Scientific Meeting 15th – 17th April 2005.
- Deputy Director: Scientific Committee, National Heart Association Annual Scientific Meeting 15th – 17th April 2005.
- Scientific Committee: National Heart Institute Annual Research Day, 2nd March 2005
- Faculty: 8th Asia Pacific Society of Pacing and Electrophysiology Conference, 3rd to 5th August 2006.
- Director: Malaysia Special Interest Group in Resynchronization Therapy (MONSIGNOR) inaugural meeting, 8th July 2006
- Secondary investigator: PACE study
- Faculty: CardioRhythm 2007, 2nd – 4th February 2007, Hong Kong
- Faculty: 16th Asean Congress of Cardiology, 18th – 21st April 2007, Bali, Indonesia
- Faculty: National Heart Association of Malaysia Annual Scientific Meeting 14th -16th April 2007
- Faculty: Hong Kong Society of Cardiology Annual Scientific Meeting 5th of May 2007
- Faculty: Asian Interventional Cardiovascular Therapeutic with Malaysian Cardiovascular Interventional Symposium July 2007
- Invited Speaker: 12th Arrhythmia Symposium June 2008, Seoul
- Faculty: 5th Malaysian Cardiovascular Interventional Symposium 2007 with Live Transmission, July 2008
- Faculty: 1st Asia-Pacific Heart Rhythm Society, November 2008
- Faculty: CardioRhythm Hong Kong, 20-22 February 2009,
- Faculty: 2nd Asia-Pacific Heart Rhythm Society, Beijing, October 2009
- Faculty: The Next Summit 2010, Asia-Pacific CRT Prog., Singapore, January 2010
- Faculty: Kochi Heart Rhythm Summit, India, June 2010

- Faculty: Asia-Pacific Arrhythmia Experts Forum, Kuala Lumpur, July 2010
- Faculty: 5th Conference in Internal Medicine, Kota Bharu, August 2010
- Speaker: Patient Forum Event, IJN, 28 January 2011
- Faculty/Speaker: CardioRhythm, Hong Kong, 25 – 27 February 2011
- Faculty/ Speaker / Chairperson: 18th Asian Pacific Congress of Cardiology, Kuala Lumpur, 5 – 8 May 2011
- Speaker: Intracardiac Electrograms & Implantable Device Therapy : An Advanced program for Electrophysiologists, Bangkok, Thailand, 17 – 19 June 2011
- Faculty/Speaker/Chairperson: 4th Asia Pacific Heart rhythm Society, Fukuoka, Japan, 20 – 22 September 2011
- Faculty/Speaker/Chairperson: KL Valve Summit, Hilton KL, 6 – 8 October 2011
- Speaker: 5th CardiologyUpdate@USM 2011, Kota Bharu, 22 October 2011
- Speaker: Heart Rhythm Society, Boston, 9 – 12 May 2012
- Speaker: CRT Symposium, Hong Kong, 27 June 2012
- Faculty/Speaker/Chairperson: Asia Pacific Heart Rhythm Society 2012, Taipei, 3-6 October 2012
- Speaker: Malaysia Society of Hypertension, Kuala Lumpur, 1 – 3 February 2013
- Speaker: CRT Workshop, Seoul St. Mary's Hospital, 24 – 25 April 2013
- Speaker: International Congress of Sports & Exercise Medicine Malaysia (ICSEM) 2013, 15 – 16 June 2013, KL
- Speaker: Heart Rhythm Society, Boston, 9 – 12 May 2013
- Speaker: Asia Pacific Heart Rhythm Society, Hong Kong, 3 – 6 October 2013
- Facilitator/Speaker: CRT Workshop, Korea University Medical Center, Seoul, 28 – 30 May 2014
- Speaker: 20th Asean Federation of Cardiology Congress 2014, Kuala Lumpur Convention Centre, 12-15 June 2014
- Faculty: MedPace Live Simulated Implant Workshop, Singapore, 14-15 August 2015
- Faculty/Speaker: 9th Asia Pacific Heart Rhythm Society Scientific Session (APHRs) Seoul, Korea, 12 – 15 October 2016
- Speaker / Trainer: CRT Workshop, IJN, 2016

- Faculty/Speaker/Trainer: Micra Workshop, IJN, 2016
- Advisor/Faculty/Speaker: ECG Symposium, IJN, 20 May 2017
- Speaker: 1st IJN Heart Failure Symposium, IJN, 7 October 2017
- Faculty/Chairperson: The 10th Asia Pacific Heart Rhythm Society Scientific Session (APHRS), Yokohama, Japan, 14 - 17 September 2017
- Program Director/Faculty: First Physiological Pacing: His Bundle Pacing Workshop, Auditorium, IJN, 8th - 9th August 2018
- Faculty: 11th Asia Pacific Heart Rhythm Society Scientific Session (APHRS) Taiwan, Taipei, 17 – 20 October 2018
- Program Director: Asia-Pacific Micra TPS Implanter Summit, Hilton Sukhumvit Bangkok, Thailand, 7-8 December 2018
- Faculty / Moderator / Speaker: 12th Asia Pacific Heart Rhythm Society Scientific Session (APHRS), Bangkok, Thailand, 24 – 27 October 2019
- Faculty / Program Director: First Physiological Pacing: His Bundle Pacing Workshop, Auditorium, IJN, 8th - 9th August 2019
- Faculty/Speaker/Trainer: CRT Workshop, IJN, 2019
- Faculty/Speaker/Trainer: Micra Workshop, IJN, 2019
- Program Director/Faculty/Trainer/Speaker: VFAHF implant, IJN, 23-27 September 2019
- Operator: Amulet LAA Workshop, IJN, 2019
- Programme Advisor: 2nd ECG Symposium: Waiting for Placement? Life Saving ECG worth Knowing, IJN Auditorium, 7 December 2019
- Speaker: 21st Chinese Heart Rhythm Society Scientific, 4 – 9 September 2021
- Speaker/Moderator: 14th Asia Pacific Heart Rhythm Society Scientific 2021, 11 – 14 November 2021
- Online Expert Group Discussion (MAHEA- Malaysian Health Economics Association): The use of NOACS in Management of Cardiovascular Conditions
- Speaker: "Intensive Course series 21" Cardiothoracic Surgical Education and Training (CTSET), UiTM, 25 September 2022
- Speaker: China ACAS (Asia Cardiac Ablation Symposium) 2022 - EP Seminar II, 15 October 2022

- Faculty / Chairperson / Speaker: 15th Asia Pacific Heart Rhythm Society Scientific Session (APHRs), 18 – 20 November 2022
- Course Director: Micra Workshop, 15 December 2022
- Adjunct Professor UiTM-IJN Cardiothoracic Surgery Postgraduate Programme at Faculty of Medicine Universiti Teknologi Mara (July 2023 – June 2025)
- Speaker/Chairperson: IJN Heart Failure Conference, 3-4 March 2023, KLCC
- Panelist/Speaker: Asian Pacific Society of Cardiology Congress 2023, 13-15 July 2023, Raffles City Convention Centre Singapore
- Speaker: 16th Asia Pacific Heart Rhythm Society (APHRs) Scientific Session In conjunction with CardioRhythm 2023, 1-3 September 2023, Hong Kong
- Speaker: Jogjakarta Cardiology Update 2023 in conjunction with the Sixth Jogjakarta International Cardiovascular Topic Series (JINCARTOS) 2023, 2 September 2023 (zoom)
- Speaker: 4th Asia Pacific Society of ACHD Scientific Meeting 2024, 3 – 5 May 2024, Kuala Lumpur Convention Centre.
- Chairperson: IJN Heart Failure Conference, 14 February 2025, Kuala Lumpur Convention Centre.
- Speaker/Judge: 5th Heart Rhythm Assoc Spore Annual Scientific Mtg (HRAS ASM & GP Forum 2025, 26 – 27 Sept 2025, Singapore Marriott Tang Plaza Hotel
- Speaker: Flagship Medical Tourism Hospital (Indonesia), IJN, 12 December 2025
- Speaker: Workshop of High Density Mapping and Pulse Field Ablation, Hasan Sadikin Hospital, Bandung, 15 – 16 December 2025

NAMES OF TRAINEES (FELLOWS IN CLINICAL CARDIAC ELECTROPHYSIOLOGY)

I have trained many fellows some of whom have become electrophysiologists in their own countries.

Name	Fellowship years	Current position
Dr Adhika Prastya Wikananda	June 2025 – June 2026	Consultant Cardiologist & Electrophysiologist, Indonesia
Dr. Mohd Asyiq Al-Fard Mohd Raffali	June 2024 – May 2025	Consultant Cardiologist & Electrophysiologist, Hospital Canselor Tuanku Muhriz UKM (HCTM), Kuala Lumpur
Dr. Tommy Daindes	Jan 2023 – Jan 2024	Consultant Cardiologist & Electrophysiologist, Indonesia

Dr. Thien Lee Karl	April 2023 – March 2024	Consultant Cardiologist & Electrophysiologist, Ara Damansara Medical Centre, Kuala Lumpur
Dr. Muhammad Izzad Johari	Feb 2022 – Feb 2023	Consultant Cardiologist & Electrophysiologist, KMI Kuala Terengganu Medical Centre, Terengganu
Dr. Kwan Yew Fung	April 2021 – March 2022	Consultant Cardiologist & Electrophysiologist, Sunway Medical Centre, Ipoh, Perak
Dr. Mohd Faiz Faizul Fauzi	Jan 2019 - Feb 2020	Consultant Cardiologist, Hospital Raja Perempuan Zainab II, Kota Bharu, Kelantan
Dr. Hartini Mohd Yusof	Sept 2018 – Aug 2019	Consultant Cardiologist & Electrophysiologist, Oriental Melaka Straits Medical Centre, Melaka
Dr. Gilbert Gabriel Florentino	July 2016 – June 2017	Consultant Cardiologist & Electrophysiologist, Philippine
Dr. Abdulhakim Hamood Abdullah Noman	Oct 2015 – Aug 2017	Consultant Cardiologist & Electrophysiologist, Saudi Arabia

SPECIALTY

- Catheter Ablation of Simple and Complex arrhythmias
- Atrial Fibrillation ablation
- Ventricular Tachycardia ablation
- Implantation of Pacemakers, Implantable Defibrillators and Loop Recorders
- Cardiac resynchronization therapy via implantation of biventricular devices
- Management of inherited cardiac disorders of conduction like Long QT Syndrome, Brugada Syndrome, etc
- MICRA Implanter
- Management of patients at risk of Sudden Cardiac Death

PROCTORSHIP

- Proctor, Catheter ablation of pulmonary vein isolation in the treatment of paroxysmal atrial fibrillation, 27th September 2003, Hospital Harapan Kita, Jakarta, Indonesia.
- Proctor, Catheter ablation of typical atrial flutter, 27th September 2003, Hospital Harapan Kita, Jakarta, Indonesia.
- Proctor, Biventricular pacemaker and defibrillator implantation to Dr. Shiraishi, Visiting Consultant Cardiologist from Japan October 2005.

- Proctor, Biventricular device implantation for visiting Japanese cardiologists under the Medtronic teaching programme.
- Proctor, Biventricular pacemaker and defibrillator implantation under the JASPER programme for visiting Japanese cardiologists.
- Proctor, Biventricular pacemaker and defibrillator implantation for visiting Indian cardiologists.
- Proctor, MEDPACE LIVE Simulated Implant Workshop, Singapore, 14 – 15 August 2015
- Proctor, Micra Workshop, IJN, 16 March 2017 for India, Australia, Singapore & Thailand cardiologists
- Proctor, Micra Workshop, IJN, 13 July 2017 for Korea, Australia, India, Singapore & Thailand cardiologists
- Proctor, Micra Workshop, IJN, 23 November 2017 for Australia, India & Singapore cardiologists
- Proctor, Micra Workshop, IJN, 27 September 2018 for Philippine & Vietnam cardiologists
- Proctor, CRT Workshop, IJN, 23 – 25 January 2018 for Iraqi cardiologists
- Proctor, Micra Workshop, IJN, 8 February 2018 for Philippine, Thailand & Indonesia cardiologists
- Proctor, CRT Workshop, IJN, 10 – 12 July 2018 for Thailand & Iraq cardiologists
- Proctor, CRT Workshop, IJN, 17 – 19 April 2018 for Australian cardiologists
- Proctor, Micra Workshop, IJN, 24 May 2018 for Thailand & Singapore cardiologists
- Proctor, Micra Workshop, IJN, 27 September 2018 for cardiologists
- Proctor, CRT Workshop, IJN, 19 – 21 Feb 2019 for Australian cardiologist
- Proctor, CRT Workshop, IJN, 23 – 25 April 2019 for Korean cardiologists
- Proctor, Micra Workshop, IJN, 19 September 2019 for India & Singapore cardiologists
- Proctor, EP Workshop, Sarawak Heart Centre, 16 October 2019
- Proctor, Micra Workshop, IJN, 8 December 2022 for India & Singapore cardiologists
- Proctor, Micra Workshop, IJN, 16 March 2023 for India & Philippine cardiologists
- Proctor, Micra Workshop, IJN, 22 June 2023 for Philippine & Singapore cardiologists
- Proctor, Micra Workshop, IJN, 17 August 2023 for Philippine & Singapore cardiologists

- Proctor, Micra Workshop, IJN, 12 October 2023 for Indonesian & Cambodian cardiologists
- Proctor, Micra Workshop, IJN, 29 February 2024 for Vietnam cardiologists
- Proctor, Micra Workshop, IJN, 18 July 2024 for Singapore & Vietnam cardiologists
- Proctor, Micra Workshop, IJN, 28 November 2024 for Singapore & Indonesia cardiologists
- Proctor, EP Workshop, Hospital Raja Permaisuri Bainun, Ipoh, 9 July 2025
- Proctor, Workshop on Epicardial Ablation, Cho Ray Hospital, Vietnam, 3 – 4 October 2025,
- Physician Faculty Trainer, AVEIR VR Physician Training Program, Hospital Sultanah Bahiyah Alor Star, 22 October 2025
- Proctor: Workshop of High Density Mapping and Pulse Field Ablation, Hasan Sadikin Hospital, Bandung, 15 – 16 December 2025
- Physician Faculty Trainer, AVEIR VR Physician Training Workshop, IJN, 26 February 2026

INDUSTRY INVOLVEMENT

- Involved as a speaker and meeting moderator to conferences organized by Boston Scientific and Medtronic.
- Appointed Consultant to Guidant for defibrillator implants under the JASPER teaching programme for Japanese cardiologists.
- Appointed Consultant to Medtronic for Biventricular device implant under the Medtronic teaching programme for Japanese cardiologists.

PUBLICATIONS

- I.Merican, Suresh L **Azlan H** ,Sanker L : “Epidemiological Study of Hepatitis in Malaysia “ presented at the First Liver Update ,Kuala Lumpur May 1997.
- **Azlan H**, Chew D, Rosli M.A. ,Nasir M, Razali O, Zainal H, Robaayah Z:” Percutaneous Balloon Mitral Commissurotomy in Pregnant Patients with Severe Pliable Mitral Stenosis using the Inoue Technique – The IJN Experience“, presented at the National Heart Association Annual General Meeting & Scientific Sessions ,April 18 – 19,1998.
- Lai VM, Razali O, **Azlan H**, Azhari R : “Brugada Syndrome in Malaysia”. Presented at the National Heart Association Annual General Meeting & Scientific Sessions April 1999.
- **Azlan H**, Razali O, Lai VM, Azhari R :”The incidence of electrical storms in patients with implantable cardioverter defibrillator “ presented at the National Heart Association Annual General Meeting & Scientific Sessions April 1999

- Aminuddin S, Razali O, **Azlan H**, Lai VM, Azhari R : "Effect of Dual Chamber Pacing in LVOT obstruction." presented at the National Heart Association Annual General Meeting and Scientific Sessions April 1999
- Jeswant S, **Azlan H**, Azhari Y, Ahmad S, Yahya A : "Surgical outcome of patients with post myocardial infarction Ventricular septal rupture" presented at the annual Singapore – Malaysia Cardiothoracic meeting 1999.
- "Arrhythmias in Pregnancy" presented at the National Seminar on Disease in Pregnancy 20 – 21st November, 1999.
- Razali O, **Azlan H**, Azhari R, Lai VM, Zunida Ali, Tay GS : "A Short History of the ICD in Malaysia" presented at the National Heart Association Annual General Meeting and Scientific Sessions, April 2000
- Razali Omar, Lai Voon Ming, **Azlan Hussin**, Azhari Rosman, Zunida Ali, Tay Giat Sing. [The Brugada Syndrome in Malaysia. IJN Proceedings 2000: 1 \(15 - 20\)](#)
- **Azlan H**, Razali O Azhari R: "The Brugada Syndrome in Malaysia" presented at the National Heart Association Annual General Meeting and Scientific Sessions, April 2000
- "Current status in Defibrillation", presented at the First National Resuscitation Conference, 10 – 12 November 2000.
- Arrhythmias and Pacemaker Implantations "presented at "Innovations in Cardiac Imaging Symposium" organised by The Malaysian Society of Radiographers", 7th July, 2001.
- **Azlan H**, Razali O, Zunida A, Tay G.S., Thiru N.M.: "Efficacy and Safety of Radiofrequency Ablation of Isthmus Dependent Atrial Flutter" presented at the National Heart Association Annual General Meeting and Scientific Sessions 13th – 15th April 2001.
- Razali O, Zunida A, Azhari R, **Azlan H**, Tay GS, Thiru NM, Surinder K, Zehid A; "Changing Trends in the Practice and Modes of Permanent Pacemaker Implants Over the Last 16 years at the National Heart Institute, Kuala Lumpur" presented at the National Heart Association Annual General Meeting and Scientific Sessions 13th – 15th April 2001.
- Razali O, **Azlan H**, Zunida A, Tay GS, SA Chen : "Radiofrequency Catheter Ablation of Focally Initiated Paroxysmal Atrial Fibrillation : Results of the First Six cases Done at the National Heart Institute, Kuala Lumpur" presented at the National Heart Association Annual General Meeting and Scientific Sessions 13th – 15th April 2001.
- Thiru NM, Razali O, Rosman A, **Azlan H**, Surinder K, Zunida A, Tay GS,: "The Usefulness of Head Up Tilt Testing in Patients with Unknown Syncope" presented at the National Heart Association Annual General Meeting and Scientific Sessions 13th – 15th April 2001.
- Muhammad Yamin, Zahid Aslam Awan, Surinder Kaur, Tee Heng Giap, **Azlan Hussin**, Razali Omar: "Catheter ablation of ischaemic ventricular tachycardia using non-contact mapping system (EnSite 3000TM)" presented at the National Heart Association Annual General Meeting and Scientific Sessions 2002.

- Surinder K, Zahid AA, Azhari R, **Azlan H**, Zunida MA, Yamin M, GS Tay, Tee HG, Razali O : “ICD implantation at the National Heart Institute: A six year experience.” - presented at the National Heart Association Annual General Meeting and Scientific Sessions 2002.
- **Azlan Hussin** : “Atrial Fibrillation : Natural history & Clinical evaluation” presented at the ASEAN Congress of Cardiology 2002 organized by National Heart Association Malaysia 17th July – 21st July 2002.
- **Azlan Hussin**, Prashanthan Sanders, Peter M. Kistler, Paul B. Sparks, Jonathan M. Kalman : “Accessory pathway in Left Inferoposterior Diverticulum masquerading as Left Posterior accessory pathway due to conduction over Coronary sinus to Left Atria connection” published in Journal of Cardiac Electrophysiology, April 2003, Vol 14 pp 403 – 406
- Prashanthan Sanders MBBS, Joseph B. Morton, Peter M. Kistler, John G. Morgan, Angeline Leet, **Azlan Hussin**, Steven J. Spence, Jitendra K. Vohra, Jonathan M. Kalman, Paul B. Sparks, Royal Melbourne Hospital, Melbourne, Australia. Modulation of Atrial Mechanical Dysfunction in Chronic AF: Implications for the Mechanism of Tachycardia Mediated Cardiomyopathy – Oral presentation at North American Society of Pacing and Electrophysiology, Washington United States of America 14th April 2003 – 17th April 2003.
- Prashanthan Sanders MBBS, Joseph B. Morton MBBS, Peter M. Kistler MBBS, Neil C. Davidson, **Azlan Hussin**, Steven J. Spence, Catherine B. Lindsay, Jitendra K. Vohra, Paul B. Sparks, Jonathan M. Kalman, Royal Melbourne Hospital, Melbourne, Australia.” Electrical Remodeling of the Atria in Sick Sinus Syndrome: Electrophysiologic and Electroanatomic Mapping to Determine the Substrate for Atrial Fibrillation in Humans Cardiomyopathy” – Oral presentation at North American Society of Pacing and Electrophysiology, Washington United States of America 14th April 2003 – 17th April 2003.
- Peter M. Kistler MBBS, Prashanthan Sanders MD, **Azlan Hussin** MD, Joseph B. Morton MD, Jitendra K. Vohra MD, Paul B. Sparks MD, PhD, Jonathon M. Kalman, Royal Melbourne Hospital, Melbourne, Australia. “Long Term Success Rate for Focal Ablation of Pulmonary Vein Atrial Tachycardia. a Different Entity to Pulmonary Vein Atrial Fibrillation?” – Poster presentation at North American Society of Pacing and Electrophysiology, Washington United States of America 14th April 2003 – 17th April 2003.
- Peter M. Kistler MBBS, Prashanthan Sanders MD, **Azlan Hussin** MD, Joseph B. Morton MD, Jitendra K. Vohra MD, Paul B. Sparks MD, PhD, Jonathon M. Kalman, Royal Melbourne Hospital, Melbourne, Australia. “Tachycardia Arising from the Mitral Annulus: Electrocardiographic and Electrophysiological Characterisation “- Poster presentation at North American Society of Pacing and Electrophysiology, Washington United States of America 14th April 2003 – 17th April 2003.
- Prashanthan Sanders, Joseph B. Morton, Peter M. Kistler, Neil C. Davidson, **Azlan Hussin**, Steven J. Spence, Catherine B. Lindsay, Jitendra K. Vohra, Paul B. Sparks, Jonathan M. Kalman, Royal Melbourne Hospital, Melbourne Australia : “Electrophysiologic and Electroanatomic characterization of the atria in Sinus node disease: Evidence of diffuse atrial remodeling. Poster presentation at American College of Cardiology Annual Scientific Meeting, Chicago, United States of America 30th March 2003 – 2nd April 2003.

- Peter M.Kistler, Prashanthan Sanders, Simon P.Fynn, Irene H.Stevenson, **Azlan Hussin**, Jitendra K.Vohra, Paul B. Sparks, Jonathan M Kalman, Royal Melbourne Hospital, Melbourne Australia :Electrophysiological and Electrocardiographic Characteristics of Focal Atrial Tachycardia Originating From the Pulmonary Veins :Acute and Long Term outcomes of Radiofrequency Ablation, published in (**Circulation, 2003 ;108 : 1968 – 1975**)
- Hasral NH, Lai YC, **Azlan H**, Ahmad F, Omar R, Lam KH, Nuruddin AA, Abdul Rahim AA, Chew SP, Rosli MA, Zambahari R : Retrospective Analysis of Distal Protection Device Using Percutaneous System in IJN : 6 months follow up presented at the 15th Asean Congress Of Cardiology, 23 – 26th October, 2004, Phuket, Thailand.
- Tan LK, Aizai A, Amin, **Azlan H**, Azhari A, Chew SP, Lam KH, N Muda, R Omar, Zambahari R, Rosli MA ; A Single Centre's Experience in Percutaneous Intervention in Takayasu's Disease" presented at the 15th Asean Congress Of Cardiology, 23 – 26th October, 2004, Phuket, Thailand.
- Huat CT, Tiang S.W, Ng TC, **Azlan H**, Azhari R, Chew D, Nasir M, Razali O, Rosli MA, Zambahari R; A Single Centre Experience of Distal Protection Device or Abxiciab in patients undergoing Primary Angioplasty" presented at the 15th Asean Congress Of Cardiology, 23 – 26th October, 2004, Phuket, Thailand
- Syahidah Syed Tamin, **Azlan Hussin**, Z.A. Imran, Nik Halmey, Wan Azman. Successful Placement of Left Ventricular Pacing Lead Despite Coronary Sinus Perforation into the Pericardial Space with an Obstructive Flap. (**PACE 2007;30:276 – 279**)
- Jeffrey Wing-Hong Fung, F.R.C.P., Joseph Yat-Sun Chan, F.H.K.A.M.(Medicine), Razali Omar, M.D., **Azlan Hussin**, M.D., Qing Zhang, Ph.D., Gabriel Yip, M.D., Kai Huat Lam, M.D., Fang Fang, Ph.D., and Cheuk-Man Yu, M.D.
The Pacing to Avoid Cardiac Enlargement (PACE) Trial: Clinical Background, Rationale, Design, and Implementation
(**J Cardiovasc Electrophysiol, Vol. 18, pp. 735-739, July 2007**)
- Yu CM, Chan JY, Zhang Q, Omar R, Yip GW, **Hussin A**, Fang F, Lam KH, Fung JW. Biventricular Pacing in Patients with Bradycardia and Normal Ejection Fraction (**N Engl J Med Nov 15, 2009;361**)
- Joseph Yat-Sun Chan, Fang Fang¹, Qing Zhang, Jeffrey Wing-Hong Fung, Omar Razali, **Hussin Azlan**, Kai-Huat Lam, Hamish Chi-Kin Chan and Cheuk-Man Yu Biventricular pacing is superior to right ventricular pacing in bradycardia patients with preserved systolic function: 2-year results of the PACE trial
(**European Heart Journal (2011) 32, 2533–2540**)
- Ahmad Fazli Abdul Aziz, **Azlan Hussin**, Surinder Kaur, Zunida Ali, Giat Sing Tay, Noor Asyikin Sahat, Razali Omar. Active Fixation Leads in the Distal Coronary Venous System for Left Ventricular Stimulation : A safety and Feasibility Study. (**Journal Of Arrhythmia 2011;27:420**)
- Fang F, Zhang Q, Chan JY, Razali O, **Azlan H**, Chan HC, Sanderson JE, Xie JM, Yu CM. Early pacing-induced systolic dyssynchrony is a strong predictor of left ventricular adverse remodeling: Analysis from Pacing to Avoid Cardiac Enlargement (PACE) trial.
(**Int J Cardiol 2012 Aug 31**)

- Lok Bin Yap, Beni Isman Rusani, Dhanan Umadevan, Zulkeflee Muhammad, **Azlan Hussin**, Surinder Kaur, Razali Omar
A single centre experience of the efficacy and safety of dabigatran etexilate used for stroke prevention in atrial fibrillation. **Journal of Thrombosis and Thrombolysis. Published online November 7, 2013**
- Yu CM1, Fang F, Luo XX, Zhang Q, **Azlan H**, Razali O.
Long-term follow-up results of the pacing to avoid cardiac enlargement (PACE) trial.
(Eur J Heart Fail. 2014 Sep;16(9):1016-25)
- Yee R, Gadler F, **Hussin A**, Bin Omar R, Khaykin Y, Verma A, Lazeroms M, Hine DS, Marquard KR Novel active fixation mechanism permits precise placement of a left ventricular lead: early results from a multicenter clinical study.
(Heart Rhythm. 2014 Jul;11(7):1150-5)
- **Text Book:** Cheuk-Man Yu, David L.Hayes, Angelo Auricchio (2014) “**Cases in Cardiac Resynchronization Therapy**”: **Case 12; Azlan Hussin** & Razali Omar - Mapping the Coronary Sinus Veins Using an Active Fixation Lead to Overcome Phrenic Nerve Stimulation (pg79 – 82) & **Case 13; Azlan Hussin** & Razali Omar - Utility of Active Fixation Lead in Unstable Left Ventricular Lead Positions in the Coronary Sinus for Left Ventricular Stimulation (pg 83 – 85)
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RESEARCH

- Ongoing registry : Electrophysiology study/radiofrequency Ablation (EPS-RFA) database
- Ongoing registry : Automatic Implantable Cardio Defibrillator (AICD) database

- Ongoing registry : Cardiac Resynchronization Therapy (CRT) database
- Co-Investigator : GSR – Global SIMPLICITY Registry
- Co-Investigator : PACE (Pacing to avoid cardiac Enlargement)
- Co-Investigator: Predict-CRT (Predict Cardiac Resynchronization Therapy Response by a multi-parametric Model)
- Co-Investigator : PainFree SST CLINICAL STUDY
- Co-Investigator : Ingenio Device Algorithm Study (IVORY)
- Co-Investigator: SIMPLE (Shockless Implant Evaluation. A Prospective Randomized)
- Primary Investigator: Medtronic 20066 Left Ventricular Lead Study
- Primary Investigator: Medtronic Attain Success Clinical Trial
- Co-Investigator: Asian Sudden Cardiac Death in Heart Failure (ASIAN HF) Prospective Observational Registry
- Principal Investigator : IMPROVE SCA study
- Co-Investigator: Micra Transcatheter Pacing Study
- Co-Investigator: World-wide Randomized Antibiotic Envelope Infection Prevention Trial (WRAP-IT)
- Co-Investigator: SAMURAI-ImageReady™ MR Conditional Pacing System Clinical Study
- Co-Investigator: INGEVITY™ Active Fixation and PassivFixation Pace/ Sense Lead Study
- Co-Investigator: MARVEL Study: Micra Atrial Tracking using A Ventricular Accelerometer.
- Principal Investigator: Attain Stability TM Quad Lead Study
- Principal Investigator: Cardiac Resynchronization Therapy (CRT) and AV Node ablation trial in AF (CAAN–AF)
- Co-Investigator: CRYO AF Global Registry
- Principal Investigator: Ventricle From Atrium Heart Failure (VFA)
- Co-Investigator: MPP-PSR Post Approval Study Registry
- Principal Investigator: Trends in Prescribing Novel Oral Anticoagulant Drugs versus Warfarin in Selected Southeast Asian Hospitals (Collaboration Study)
- Principle Investigator: MID-Q Response

- Principle Investigator: MICRA AV
- Co- Investigator: Lead Evaluation for Defibrillation and Reliability (LEADR)
- Principle Investigator: Real world Data collection in subjects treated with the FARAPULSE™ Pulsed Field Ablation system (FARADISE)
- Principle Investigator: Lead Evaluation for Defibrillation and Reliability in Left Bundle Branch Area Pacing (LEADR LBBAP)
- Co-Investigator: Concomitant Left Atrial Appendage Closure and Pulsed Field Ablation-Asia (OPTION-A)

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NON-GOVERNMENTAL INVOLVEMENT

- Board Member,
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