

Dr. Lavanian Dorairaj MBBS

HCit Consultant is headed by Dr. Lavanian Dorairaj

Dr. Lavanian Dorairaj, a physician and Healthcare informatician, is the immediate Past Chair HL7 India and the Vice President IAMI. He has over 35 years of experience in healthcare, healthcare management and healthcare Informatics with expertise in areas such as direct patient care, clinic management, hospital management, health policy, health integration, healthcare analytics, healthcare operations management, healthcare cost containment/access, and healthcare logistics and supply chain management.



Dr. Lavanian went to medical school at the prestigious Armed Forces Medical College and received his medical degree from the Poona University in 1980. He then went on to practice medicine in the Armed Forces as an Air Force Medical officer and in 1986 studied Aerospace Medicine at the famed Institute of Aerospace Medicine, Bangalore (one of the 5 in the world). That year he found a new interest in the form of Informatics (then called EDP). He went on rising in the forces as he honed his knowledge in Informatics and in 1997-98, wrote his first Medical Stores Indenting program (the first in India) that was distributed for use in the Medical Stores at various clinics and hospitals in the Air Force. By that time he had gathered 15+ years of core experience in clinic and hospital administration. His unique knowledge of IT and medicine was taken note of, by the top administration and was awarded the post of Deputy Director, Medical Services (IAF) and became one of the elite 13 who gave direction to policy and control of the medical services of the Indian Air Force.

In 2003 he joined the IT arm of the Apollo Hospitals group (one of the largest hospital groups in the world) and rose to become the Vice President for Telemedicine (technical). Constantly on the lookout for knowledge, he trained in EMRs, EHRs, HISes, PACS, RISes, HIPAA and other topics of Healthcare Informatics and was formally certified in HL7 and DICOM in 2004. By now he was a well known expert in Healthcare Informatics in the Asiapac region and travelled around the globe teaching, training and demonstrating best practices in Healthcare Informatics. He headed a number of Healthcare IT and telemedicine projects and implementations in India and abroad and is also on the Board of Medical Universities (MUHS) and governmental task forces pertaining to Healthcare Informatics.

After serving on the executive board of multiple companies, in Feb 2009 he established his own consultancy, **HCit Consultant** (www.hcitconsultant.com) that provides strategy, consultancy and training in this niche field. His clients include top governmental organisations like C-DAC and Blue chip multinationals like Apollo Healthstreet, GE Healthcare, Wipro, Bosch, Cybage, IGATE, L&T, Deloitte, Clinical Solutions, UK and Crimsonlogic, Singapore to quote a few.

Taking affordable healthcare to the rural poor of India has always been his dream and over and above successful telemedicine projects in Kashmir, Sikkim and Mizoram (see www.telemedconsultant.com). In 2013 he strategized and headed a pilot to provide qualified and quantified support to ASHAs, for primary and preventive care to villagers in Uttar Pradesh. A project that was lauded by the Health Minister of UP. He is presently working on a project to ensure affordable, quality based, primary healthcare at distant villages 24 hours a day and 7 days a week. If he gets the partners he is looking for, he plans to cover 5,000 small villages in 5 years and hopefully 50,000 villages over 10 years!

Given below are some of the workshops, Seminars and forums he has spoken at.

Presentations, workshops and Seminars

- Speaker 'Healthcare IT Forum 2015' Mumbai, Dec 2015
- Invitee, Steering Group for the project, "Design & Development of a cloud-enabled open source Personal Health Record Management System for improved healthcare delivery" under DeitY and C-DAC, Dec 2015
- Trainer, Fast Track, 2 day, Hands-on workshop on HIPAA, Pune Nov 2015
- Trainer, Fast Track, 2 day, Hands-on workshop on HL7, Pune Sep 2015
- Trainer - HL7 V2.7 and MIRTH, L&T, Bangalore, Jul 2015
- Six Day advanced DICOM Hands-On Training, Jul 2015 – iGate, Ahmedabad
- Proctor – HL7 V2.7 and CDA International Certification, Mumbai Jun 2015
- Trainer - HL7 V2.7 and MIRTH, Pune May 2015
- Three Day DICOM, PACS and RIS Training May 2015- Kuwait
- Trainer - HL7 V2.7 and MIRTH, Pune Mar 2015
- Trainer HIPAA, Pune Mar 2015
- Trainer - HL7 V2.7 and MIRTH, Pune Feb 2015
- Proctor – HL7 V2.7 and CDA International Certification, Mumbai Jan 2015
- Trainer – HL7 V2.7, EMRs, HIPAA and MIRTH – Trivandrum Jan 2015
- Trainer – HL7 V2.7, EMRs, HIPAA and MIRTH – Kochi Dec 2014
- Trainer - HL7 V2.7 and HIPAA, Private workshop Event Nov 2014
- Trainer – HL7 V3 CDA, CCD and FHIR, Bangalore Oct 2014
- Presentation – HL7– International HL7 WGM, Chicago, USA, Sep 2014
- Trainer –advanced Workshop in EMRs and HIPAA, Delhi Aug 2014
- Trainer –advanced Workshop in HL7 V2.7 and V3, Hyderabad, Aug 2014
- Presentation – HL7– International HL7 WGM, Phoenix, USA, May 2014
- Trainer – PACS for PACS Administrators, Kuwait, Apr 2014
- Trainer –PG Diploma In Health Informatics incl HIPAA, C-DAC, Pune, Apr 2014
- Trainer –advanced Workshop in HL7 V2.7, V3 and HIPAA, IIIT, Delhi, Feb-Mar 2014
- Presentation – HL7– International HL7 WGM, San Antonio, USA, Jan 2014

- Presentation – HL7– International HL7 WGM, Boston, USA, Sep 2013
- Presentation –Rural Telemedicine – Med-e-tel 2013, Luxembourg 2013
- Presentation – HL7– International HL7 WGM, Atlanta, USA, May 2013
- Trainer – Workshop-Health Informatics in Radiology- DY Patil Hospital, Aug 2012
- Trainer –advanced Workshop in HL7 V2.7 and V3, Bangalore, India July 2012
- Speaker “Healthcare IT in Medicine”, PG course, Armed Forces Medical College, Pune, July 2012
- Trainer –Workshop in DICOM 3, Bangalore, India June 2012
- Trainer –advanced Workshop in HL7 V2.7, V3 and HIPAA, Bangalore, India June 2012
- Trainer - Workshop in US Healthcare, HIPAA and Pharma , Chennai, India May 2012
- Trainer –advanced Workshop in HIPAA 4010 to 5010 Migration , Pune, India May/June 2012
- Trainer –advanced Workshop in HL7 V2.7 and V3, Bangalore, India May 2012
- Trainer –advanced Workshop in HL7 V2.7 and V3, Bangalore, India Mar 2012
- Trainer –advanced Workshop in ICD 9 to 10 Migration , Pune, India Feb 2012
- Trainer –advanced Workshop in HL7 V2.7 and V3, Bangalore, India Jan 2012
- Speaker - “Next Generation Health Informatics India 2011, New Delhi, Oct 2011
- Trainer – 1 day Workshop in DICOM 3, Bangalore, India Jul 2011
- Member "Technology Development for Building Distributed, Scalable and Reliable Healthcare Information Store", CDAC, Pune Dec 2010
- Speaker – ‘The Economics of Telemedicine’ Telemedicon 2009, Pune, India, 06 Nov 2009
- Speaker - `Global CSR Conclave' - NF Track at NASSCOM India Leadership Forum `07 Grand Hyatt Mumbai, 9 Feb-2007
- Speaker - “Healthcare Informatics” Marcus Evans, Royal Orchid Sheraton, Bangkok, Thailand, 18-19 Sep 06
- Speaker -Annual meet of the American Telemedicine Association San Diego, USA, 10th of May 06 (could not attend due to visa unavailability)
- Speaker - “Healthcare Revenue Cycle Management” Marcus Evans, Intercontinental, Dubai, UAE 8-9 May 06
- Speaker - `ICT for National Development' CSI, Hyderabad India Nov 2005
- Speaker - The First Gulf Forum on "Healthcare, Quality Improvement and Accreditation", Bahrain, UAE Jun 2005
- Speaker - Medi-IT Asia Kuala Lumpur, Malaysia May 2005
- Speaker and Demo - IntelemedIndia 2005, ISRO, Bangalore
- Speaker - ICMIT 2005, IIT Kharagpur, India
- Speaker - CIT 2005, Ahmedabad, India (Hosted by the govt of Gujarat and CII)
- Speaker - and Demo `Intel Centrino Launch', 2005, Bangalore, India
- Speaker - Meditel 2004, Bangalore, India
- Speaker -and Demo 'Intel Asia Pacific Healthcare Leadership Forum'. Bangkok, Thailand 17 Nov 04
- Speaker - 4th VSAT India 2004 international conference & exhibition, Delhi, India
- Speaker - U P Development Sub- committee on Healthcare Meeting, Lucknow, India
- Speaker - Meeting of the Media Lab Asia Core Group on ICT for Healthcare, Kochi, India
- Key note Speaker - “Telehealth - How it impacts your health positively” Mittal(ISPAT), Karaganda, Kazakhstan

Professional Memberships

- Member, UK Council for Health Informatics Professions
- Immediate Past Chairman, HL7 India
- Member ,HL7 Australia (since 2005)
- Vice president, Indian Association for Medical Informatics
- Life Member, Telemedicine Society of India
- Member, Task Force for Telehealth , Government of India

- Co-convener for Standards Sub-Committee, Government of India, Telemedicine Taskforce
- Life Member, Indian Society of Aerospace Medicine
- Life Member, Indian Society of Hospital Waste Management

Summary of Designations

- CEO, HCit Consultant
- Vice President – Healthcare Products, Bilcare Research Ltd
- Vice President - Software division AxSys Health Tech
- Vice President – Technical- ATNF, Apollo Hospitals Group
- Deputy Director Medical Services (IT) IAF
- Hospital Administrator
- Senior Medical Officer

HL7 and DICOM



With Mike
Henderson and
Herman Oosterwijk
international experts
on HL7 and DICOM

Dr. Lavanian Dorairaj Bio | 01-Sep-2015

Dr. Lavanian has trained under the stalwarts in HL7 and DICOM, Mike Henderson and Herman Oosterwijk, internationally renowned trainers.

Mike Henderson has over 25 years' experience in the healthcare, educational, and financial areas of the IT industry. He has worked with the HL7 standard since 1992 in organizations including the U.S. Department of Veterans Affairs, Antrim Corporation (now Sunquest Commercial Systems), and Kaiser Permanente. A founding member of the HL7 Query Task Force, Mr. Henderson served as co-chair of the Control/Query Technical Committee of Health Level 7

Herman Oosterwijk has over 25 years experience with Medical Imaging and has been involved with the ACR/NEMA and DICOM standardization effort from the beginning, participating in many different committees and working groups. He currently is an active participant in the DICOM working Group VI, the "clearing house" for all extensions and changes to the DICOM standard.

Training, Workshop and Conference Photographs





PACS Seminar, Kuwait





PACS Seminar, Kuwait



Healthcare Revenue cycle management , **Dubai**



First Gulf Forum on "Healthcare Quality Improvement and Accreditation", Bahrain



With the Minister for Health, Bahrain



Medi-IT Asia, Kuala Lumpur, Malaysia



Training: Students - Eager to learn !



Certification !



Dr. Lavanian Dorairaj Bio | 01-Sep-2015



Proud Experts (Cybage and Wipro)



Dr. Lavanian Dorairaj Bio | 01-Sep-2015



Workshop Deloitte



Training – Crimsonlogic – **Singapore**



Healthcare Informatics Conference , **Bangkok**

Med-e- Tel 2013, Luxembourg



Dr Lavanian at the HL7 International WGM, Atlanta, USA May 2013



With Charles Jaffe, CEO, HL7 International



With Keith Boone, Director at Large, HL7 International



With Grahame Grieve and Lloyd McKenzie Co-Chairs, HL7 International