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TCVGH International Medical Conference

AI in Medicine

Future of Healthcare by AI



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Education Background

QUALIFICATION	NAME OF SCHOOL/INSITUTIO N/UNIVERISTY	DATE OF ATTAINMENT
M.B.B.S	National University of Singapore	1993
Diploma in Geriatric Medicine	National University of Singapore	1998
MMED(OM)	National University of Singapore	2005
Specialist Accreditation Board	Ministry of Health, Singapore	2009



Professional Career

1. Registrar of Designated Workplace Doctors from 2014-2017 to review eligibility of doctors to be issued certification as DWD of all hazards and for compressed air
2. Adjunct lecturer and examiner to the Master of Public Health Course, run by the Saw Swee Hock School of Public Health at the Clinical Occupational Medicine Course on Occupational lung disorders due to organic dusts as man-made fibres, byssinosis, occupational asthma, respiratory toxicology and toxicology of pesticides, ergonomic case studies and work-related psychological stress, 2010 to 2020
3. Adjunct lecturer and examiner at the Graduate Diploma Occupational Medicine Course on Occupational Lung Disorders as Occupational asthma, Asbestos, Silicosis and Byssinosis and Gases/Confined Space poisoning, Saw Swee Hock School of Public Health, 2010 to 2017
4. Programme director and lecturer at the Dermatological Nursing Course on Prevention of Occupational Skin Diseases, Ministry of Manpower, 2010 to 2016
5. Teaching Faculty at the Preventive Medicine Residency Programme, Saw Swee Hock School of Public Health, 2010 to current
6. Adjunct lecturer and examiner with Ngee Ann Polytechnic on 'Health Effects of Hazardous substances' module for SDOH Course (Specialist Diploma Course in Occupational Hygiene), 2014 to 2016
7. Visiting Specialist to Noise-induced Deafness Clinic at Tan Tock Seng Hospital, 2010 to 2016
8. Visiting Specialist to Joint Occupational Lung Clinic at Tan Tock Seng Hospital, 2010 to 2019
9. Visiting Specialist to the Joint Environmental Occupational Toxicology Clinic (JEOTC) at the Changi General Hospital, 2010 to 2022
10. Visiting Specialist to Joint Occupational Dermatology Clinic (JODC) at National Skin Centre, 2010 to current
11. 2023 to current: Senior Consultant (Occupational Medicine) at KKH
12. 2023 to current: Co-Chair of the Health and Safety Executive Committee at KKH and Chair of the Ergonomic Workgroup at KKH
13. 2015 to current: Member of the National Working Group, ISO/TC 229 – Workgroup (WG) 3 on Health, Safety and Environment, Nanotechnology



Please complete the form and return it before August 15th

Speech Title	A Cluster of Toxic Hepatitis Cases at An Electronics factory
Abstract(200 words) : We report toxic hepatitis in 3 workers involved in capacitor manufacturing in an electronics company. requiring hospital admissions over a 5 year period. Two of these workers worked at the polymerization section and the third at the masking and punching section at the same level, with several air conditioning units. There was no partitioning between the 2 sections, in addition to inadequate engineering control measures, resulting in contamination of air in the entire production area. The average latency period between exposure to the pyrrole and hepatic symptoms was between 1 to 8 months. Liver biopsy for 2 of the workers confirmed the presence of toxic hepatitis. 2 of the workers had returned back to the same job scope in the same area after discharge from hospital resulting in a flare-up of their symptoms again, within 8 to 20 days, both requiring re-hospitalization, suggesting evidence of work-relatedness. Pyrrole has been reported to be hepatotoxic in animal studies but there are no human reports available in the literature. To our knowledge, these are the first reported cases of acute toxic hepatitis due to pyrroles.	