



**SLIDE 1 a** Malaysian Occupational Health Society (MOHPA)  
Occupational Health Society of Australia (OHSa) Inc.  
inaugural joint international googlemeet webinar  
4 December 2024 Wednesday 9pm

# 50 Years of Occupational Health Practice

by

**DR K C WAN, FAFOEM**

Consultant Occupational Physician, Perth Western Australia

## **SLIDE 1 b LIST OF SLIDES**

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- 4 Occupational Health Multidisciplinary Components
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## Slide 2a DR KAR CHAN (KC) WAN

MBBS,DIH, M.Sc.Occmed,MFOM,FAFOEM,FACOEM,  
Grad Dip Public Administration



Dr Wan is honored to be invited by the Malaysian Occupational Health Practitioners Association (**MOHPA**) to speak on his 50 years experience in occupational health practice (**OHP**) at this international joint webinar with the Occupational Health Society of Australia Inc. (**OHSA**).

Dr Wan is a specialist in occupational & environmental medicine practising in Perth, Western Australia and was occupational health consultant to the Ministry of Labor & Ministry of Health in Kuala Lumpur, Malaysia.

Prior to arriving in Australia. He has trained doctors from Malaysia, Thailand, Indonesia & Vietnam as occupational medicine adjunct professor at Edith Cowan University & Curtin University, Western Australia via distance learning courses.. Dr Wan was Chief Occupational Health Physician and Inspector at WorksafeWA till his retirement in 2001

He has been Chairman/member of WorkCoverWA Dust Diseases Medical Panel (**DDMP**) since 1981. At present, he is practicing as an independent medical examiner at Medicolegal consultants Australia (**MLCOA**).

# Slide 2b

- DR K C WAN
- Email [kar.wan@bigpond.com](mailto:kar.wan@bigpond.com)
- Websites
  - <https://www.mlcoa.com.au>
  - <https://www.occumed.com.au>
  - <https://www.workcover.wa.gov.au/understaninding-your-rights-obligations-entitlements/dust-diseases/>

### SLIDE 3 OCCUPATIONAL HEALTH PRACTICE

- >OHP malaysia..limestone quarry...noise, silicosis survey. Gastro outbreak  
...inorganic lead poisoning in battery assembly
  
- >OHP WA...abattoirs..Q fever, leptospirosis, anthrax, brucellosis
  - ...midland brick and fluoride pollution
  - ...gold mining underground and silicosis..health surveillance
  - ...asbestosis & pleural mesothelioma
    - ... Wittenoom blue asbestos mining,
    - ...asbestos insulation lagging and spray
    - ...asbestos cement James Hardies
  - ...pneumoconiosis medical panel, Industrial Diseases Medical Panel  
Dust Diseases Medical Panel (**DDMP**) workcover WA
  - ...engineered stone...accelerated silicosis permanent impairment
  - ...Legionnaires disease...pneumophilia. longbeachae
  - ...Sick building syndrome SBS or SPS?
  - ...S19 OSHA prohibition notice RPH..ambulance ramping
  - ...vaping vs cigarette smoking
  - ...ILO chest xrays reading criteria by size shape, profusion

...

## **SLIDE 4**    **OCCUPATIONAL HEALTH COMPONENTS**

>Preventive vs OHSservice

>Occupational health components

...occupational & env medicine

...occupational hygiene, noise

.....ergonomics

...vocational rehabilitation

Workers' compensation assessment

>permanent impairment

>permanent disability

## **SLIDE 5** BASIC PRINCIPLES

> where to look for information

>ask the right question

> how to apply knowledge

>informed consent

## SLIDE 6 REFERENCE MATERIAL

- >occupational health practice by R S F Schilling
  - >Diseases of occupations by Donald Hunter
- >Atlas of occupational health & disease by Williams & Harrison
  - >Guide to occupational epidemiology by David Christie
  - >Control of communicable diseases manual,  
American Public Health Association
- >JOEM Journal of Occupational & environmental medicine USA  
<https://journals.lww.com/joem/pages/default.aspx>
- >American Medical Association guides to the evaluation of permanent  
impairment 5<sup>th</sup> edition 2001  
[AMA Guides to the Evaluation of Permanent Impairment, Fifth Edition, 2001 | ama](#)



## **SLIDE 7a**      **ONLINE SOURCES OF INFORMATION**

1. OHSA Inc <https://www.ohsociety.com.au>
2. MOHPA <https://mohpa.com.au>
3. AFOEM [Australasian Faculty of Occupational and  
Environmental Medicine](https://www.afoem.org.au/)
4. ANZSOM <https://www.anzsom.org.au/www/home>
5. safework australia <https://safeANworkaustralia.gov.au>
6. 6. worksafe <https://www.commerce.wa.gov.au/worksafe>

## **SLIDE 7b** ONLINE SOURCES OF INFORMATION

- 7 ACOEM <https://acoem.org>
- 8 CDC <https://www.cdc.gov>
- 9 OSHA <https://www.osha.gov>
- 10. ACGIH TLV BEI guidelines <https://www.acgih.org/science/tlv-bei-guideline>
- 11. FOM <https://www.fom.ac.uk>
- 12. SOM <https://www.som.org.uk>

# SLIDES 8a, 8b, 8c, 8d PUBLICATIONS/PAPERS/PRESENTATIONS

## PUBLICATIONS/PAPERS/PRESENTATIONS

1. Presentation on "To vape or not to vape is the question" at the Symposium 2019 on Environmental Pollution Harm Reduction held in Sukosol Hotel Bangkok, Thailand on 24 June 2019 as lead speaker by invitation of The Royal Society of Thailand and published in Medical Forum Western Australia 2020 February. Submission to Australian Government Department of Health, Therapeutic Goods Administration 10 February 2020.
2. Submission on Silicosis in Western Australia to the Australian National Task Force on Silicosis 12 November 2019 Response ID ANON-PGKX-PH19-V
3. Poster on the Industrial Disease Medical Panel (**IDMP**) presented to Australian Faculty of Occupational and Environmental Medicine Western Australia on 1 June 2010 in Perth
4. Invited paper on Chemical hazards in factory accidents, Environmental medicine seminar December 2000 , Bangkok, Thailand
5. Enforcement of occupational health laws in Western Australia, International Congress in Occupational Health 2000 , Singapore.
6. Project to promote occupational health in medical practices and health laboratories in Western Australia, Association of Medical Practitioners Conference 2000.
7. Occupational lung diseases, J.Environ Med (1999), V1, No.2, 383-413.
8. Health surveillance for pest control operators, Perth, Western Australia 13 October 1998.
9. Occupational health and safety for medical practice managers, Australian Medical Association, Perth, Western Australia 30 September 1998.

## SLIDES 8a, 8b, 8c, 8d PUBLICATIONS/PAPERS/PRESENTATIONS

10. Hepatitis A and Work, Safetyline Institute Western Australia.  
<http://www.worksafe.wa.gov.au/institute/level2/course20/lecture64/index.asp>
11. HIV/AIDS and Work, Safetyline Institute Western Australia.  
<http://www.worksafe.wa.gov.au/institute/level2/course20/lecture65/index.asp>
12. Hepatitis B, Hepatitis C and Work, Safetyline Institute Western Australia.  
<http://www.worksafe.wa.gov.au/institute/level2/course20/lecture81/index.asp>
13. Q fever information kit for the Australian Meat Industry, December 1997  
Meat Research Corporation Australia
14. Health surveillance for pest control operators in Western Australia, Health  
Department of Western Australia Seminar, 22 April 1997 Perth.
15. Hypertonic saline challenge in an adult epidemiological survey,  
S.J. Rabone, W.O. Phoon, S. D. Anderson, K. C. Wan, M. Seneviratne,  
L. Gutierrez and J. Brannen, Occup. Med. Vol. 46, No. 3 P. 177-185, 1996.
16. Silicosis in Western Australia from 1984 to 1995, K C Wan and E Lee, WorkSafe  
Western Australia Scientific Forum on Crystalline Silica, 9-10 November, 1993,  
14th Asian Conference Occupational Health, Beijing, P.R. China, 15-17 October  
1994, Minesafe International, Perth 1996, DOL-OSHA Silicosis cyber conference  
21 July 1997 [http://www.osha-  
slc.gov/SLTC/SilicosisCyberConference/ControlExposures/silwan2.html](http://www.osha-slc.gov/SLTC/SilicosisCyberConference/ControlExposures/silwan2.html) and  
WorkSafe Western Australia Safetyline Institute lecture 1997  
<http://www.worksafe.wa.gov.au/institute/level2/course21/lecture67/index.asp>  
J.Environ Med (1999) V1 ,No. 1 , 27-35
17. Nonscience or Nonsense in Occupational Health, K C Wan. Occupational Health  
Society Australia Inaugural Conference, Perth Western Australia, 11-13  
November 1992, Japan Journal of Occupational Health 1996.
18. Sick Building Syndrome, ANZSOM Conference, Bali, April 1993, J. Occup.  
Health Safety Aust NZ 1994. 10 (6), 555-559.
19. Legal responsibilities of employers to provide UV Protection, Cancer Foundation  
of Western Australia Seminar, 19 September 1994.
20. Health Risks of Asbestos and Synthetic Mineral Fibres (SMF) Building Owners  
and Managers Association (BOMA), Western Australia, 4 O'clock Forum, Perth,  
July 1991.



## **SLIDES 8a, 8b, 8c, 8d PUBLICATIONS/PAPERS/PRESENTATIONS**

21. Urine fluorides and health status of employees of two primary schools in Western Australia, ANZSOM Conference, Hobart, February 1990.
22. Report on Medical Examinations conducted by the Department of Occupational Health, Safety and Welfare on Employees at Middle Swan Primary School and Bassendean Primary School, Western Australia. K C Wan. 1989.
23. Biomedical surveillance of workers exposed to 4-4'-Methylene-bis-(2-Chloroaniline) (MBOCA) in Perth, Western Australia, K.C. Wan, B.R. Dare and N.R. Street, J. Royal Society of Health, 1989.
24. Criteria for determining work related heavy asbestos exposure, K.C. Wan and N.R. Street, VII International Pneumoconiosis Conference, Pittsburgh, Pennsylvania, USA, August 23-26, 1988.
25. Vibration White Finger : Survey of Employees of the Collie Coal Mining Industry, K C Wan, D'Arcy Holman and N R Street, Western Australian Department of Occupational Health, Safety and Welfare.
26. The Respiratory Health of Employees of the Collie Coal Mining Industry. D'Arcy Holman, P Psaila-Savona, M Roberts, KC Wan, J C McNulty, Western Australian Department of Health 1988.
27. The effect of grain dust on respiratory symptoms and function in grain workers, B.Dare and K.C. Wan, ANZSOM Conference, Perth, September 1986.
28. OCMED PLAN, ANZSOM Conference, Perth, September 1986.
29. Computer Programmes for Occupational Health Promotion. L Larsen, K C Wan. 1986.
30. Occupational Zoonoses, 6th Australian Animal Technicians' Conference, Perth, May 1986.

## SLIDES 8a, 8b, 8c, 8d PUBLICATIONS/PAPERS/PRESENTATIONS

31. Present and Future Regulations and Controls, Seminar on "Asbestos: Just How Dangerous Is It?", Australian and New Zealand Society for Epidemiology and Research in Community Health (ANZ Search)/Australian Public Health Association, Inc. (APHA), Western Australian Branch, 1983.
32. Report of the Working Party on Community Noise, Noise and Vibration Control Council, Western Australia, 1983.
33. Microwave Radiation - Report for Radiological Council of Western Australia. K C Wan. 1982
34. Human Brucellosis - Diagnosis and Treatment, Seminar on Zoonoses, Murdoch University, 1982. Australian New Zealand Society of Occupational Medicine, Western Australian Branch meeting, 1980.
35. Occupational Health in Malaysia, SEAMEO TROPMED Conference, Tokyo, Japan, 1978.
36. Occupational Exposure to Inorganic Lead in Malaysia, South East Asian Ministers of Education Organisation and Tropical Medicine (SEAMEO-TROPMED) Conference, Manila, Philippines, 1976.
37. Noise Induced Hearing Loss Among Malaysian Quarry Workers, University of London, M.Sc. Dissertation, 1973.

**SLIDE 9 MOHPA-OHSA inaugural joint international  
googlemeet webinar 4 December 2024 Wednesday 9 pm  
QA questionnaire on presentation on Occupational Health Practice by  
consultant occupational physician  
Dr K C Wan , FAFOEM**

Q1 Was the information clearly presented? Yes/no

Q2 Will the information be helpful in your occupational health practice? Yes/no

Q3. Is videoconference using googlemeet satisfactory for you? Yes/no

Q4. Overall rating-expectation met? Yes/no

Q5 Any comment you wish to offer.....

# SLIDE 10 QUESTIONS