

## **CURRICULUM VITAE**

### **NAME:**

Assoc. Prof. WISARN WORASUWANNARAK

### **QUALIFICATION:**

Doctor of Medicine (M.D.)  
Diploma of the Thai Board of Forensic Medicine  
Master of Science (M.Sc.) in DNA Profiling  
Bachelor of Laws (LL.B.)

### **NATIONALITY:**

Thai

### **CURRENT POSITION:**

Associate Professor in Forensic Medicine  
Head of Subdivision of Forensic Serology and DNA  
Assistant Dean for Academic Affairs and Culture

### **WORK PLACE:**

Division of Forensic Medicine, Department of Pathology,  
Faculty of Medicine Ramathibodi Hospital, Mahidol University  
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### **EDUCATION:**

- 2017 Masters of Science in DNA Profiling (Distinction)  
University of Central Lancashire, United Kingdom
- 2011 Diploma of Thai Board of Forensic Medicine  
The Medical Council of Thailand
- 2011 Higher Graduate Diploma in Clinical Science (Forensic Medicine)  
Faculty of Medicine, Chiang Mai University
- 2010 Bachelor of Laws  
Faculty of Law, Sukhothai Thammathirat Open University
- 2008 Graduate Diploma in Clinical Science (Family Medicine)  
Faculty of Medicine, Chiang Mai University
- 2007 Doctor of Medicine  
Faculty of Medicine, Chiang Mai University



### **STATUS IN ORGANIZATION:**

- 2021 – present Assistant Dean for Academic Affairs and Culture,  
Faculty of Medicine Ramathibodi Hospital, Mahidol University
- 2020 – present Associate Professor  
Division of Forensic Medicine, Department of Pathology,  
Faculty of Medicine Ramathibodi Hospital, Mahidol University  
(Head of the Subdivision of Forensic Serology and DNA)
- 2016 – 2020 Assistant Professor  
Division of Forensic Medicine, Department of Pathology,  
Faculty of Medicine, Ramathibodi Hospital, Mahidol University
- 2011 – 2016 Instructor  
Division of Forensic Medicine, Department of Pathology,  
Faculty of Medicine, Ramathibodi Hospital, Mahidol University
- 2007 – 2008 Intern  
Maharaj Nakorn Chiang Mai Hospital

### **AREAS OF INTERESTS:**

Forensic genetics and serology  
Virtual autopsy  
Forensic Medicine  
Criminology

### **PUBLICATIONS**

#### **TEXTBOOK:**

1. Sirote Wongwaisayawan, **Wisarn Worasuwanarak**, Rathachai Kaewlai. "Postmortem Computed Tomography (PMCT) in Trauma". in: Rathachai Kaewlai, editor. *Emergency Imaging: Trauma, volume 2*. 2021.
2. **Wisarn Worasuwanarak**. "Physical examination and biological evidence collection from patients". In: Budsaba Rerkamnuaychoke, editor. *Recent Advances in Forensic Genetics*. Bangkok: Faculty of Medicine Ramathibodi Hospital; 2018.
3. **Wisarn Worasuwanarak**. "Laws related to evidence in forensic genetics". In: Budsaba Rerkamnuaychoke, editor. *Recent Advances in Forensic Genetics*. Bangkok: Faculty of Medicine Ramathibodi Hospital; 2018.
4. **Wisarn Worasuwanarak**. "Forensic genetics". In: Vichan Peonim, editor. *Forensic Medicine: An atlas for medical student*. Bangkok: Octoberprints Co.,Ltd.; 2018.
5. **Wisarn Worasuwanarak**. "Birth, Death, and the Laws". In: Witon Ungprapan and Vichan Peonim, editors. *Forensic Medicine (LAW 3034)*. Bangkok: Ramkhamhaeng University Press; 2014.
6. **Wisarn Worasuwanarak**. "Sudden Unexpected Death". In: Sansanee Wongwaisayawan, editor. *Anatomical Pathology volume 1*. Bangkok: Octoberprints Co.,Ltd.; 2012.

## RESEARCH PAPERS:

1. Kosawiwat K, Kaewlai R, Jenjitranant P, **Worasuwannarak W**. Sensitivity and Specificity of Postmortem CT for Detection of Thoracic Injury. *Indian Journal of Forensic Medicine & Toxicology*. 2021 Oct 1;15(4). (Correspondence)
2. Wannasri T, Peonim V, **Worasuwannarak W**. Cardiopulmonary Resuscitated Complications Encountered in Forensic Autopsy Cases: A 5-Year Retrospective Analysis in Ramathibodi Hospital. *Indian Journal of Forensic Medicine & Toxicology*. 2021 Jul 1;15(3):4621-4630. (Correspondence)
3. **Worasuwannarak W**. DNA and Drug Suppression. *ONCB Journal*. 2020 Jun;36(3):17-22.
4. Sujirachato K, Tirawatnapong S, Mimae N, Inon S, Kaewdouengdee A, **Worasuwannarak W**. The Study of the Yield of DNA Extracted From Hairs of Postmortem Cases. *Ramathibodi Medical Journal*. 2020 Jun 30;43(2):9-18. (Correspondence)
5. Peonim V, **Worasuwannarak W**. Myocardial tissue embolism in lung due to gunshot wound to the chest. *Journal of Forensic and Legal Medicine*. 2020 Jun 17:102002. (Correspondence)
6. **Worasuwannarak W**, Peonim V, Srisont S, Udnoon J, Chudoung U, Kaewlai R. Comparison of postmortem CT and conventional autopsy in five trauma fatalities. *Forensic Imaging*. 2020 May 26:200389.
7. **Worasuwannarak W**, Sribanditmongkol P, Aramrattana A, Junkuy A, Chaijaruwanich J, Kummaraka U, et al. Trends in Substance Abuse Detection in Unnatural Deaths in Thailand, 2007–2018. *ONCB Journal*. 2019;35(3):44-51.
8. Sakulsaengprapha V, Peonim V, **Worasuwannarak W**. Trends of homicidal deaths in central Bangkok, Thailand: a 5-year retrospective study. *Egyptian Journal of Forensic Sciences*. 2018 Dec;8(1):14. (Correspondence)
9. Peonim V, Udnoon J, **Worasuwannarak W**, Wongwichai S, Srisont S, Kongtragoonmonkong O. Atypical Entrance Wounds of High Velocity Bullets: Two Cases Presentation. *Ramathibodi Medical Journal*. 2017 Dec 29;40(4):39-48.
10. Peonim V, Kaewlai R, Srisont S, Udnoon J, **Worasuwannarak W**. A Rare Forensic Autopsy Case Report of Thanatophoric Dysplasia Type I. *Indian Journal of Forensic Medicine & Toxicology*. 2017 Jan 1;11(1). (Correspondence)
11. Junhasavasdikul D, Sukhato K, Srisangkaew S, Theera-Ampornpant N, Anothaisintawee T, Dellow A, T-REX group. Cartoon versus traditional self-study handouts for medical students: CARTOON randomized controlled trial. *Medical teacher*. 2017 Aug 3;39(8):836-43.
12. Peonim V, Srisont S, Udnoon J, Wongwichai S, Thapon A, **Worasuwannarak W**. Entrance and exit wounds of high velocity bullet: An autopsy analysis in the event of dispersing the mass rally in Bangkok Thailand, May 2010. *Legal Medicine*. 2016 Nov 30;23:10-6. (Correspondence)
13. Larpkrajang S, **Worasuwannarak W**, Peonim V, Udnoon J, Srisont S. The use of pilocarpine eye drops for estimating the time since death. *Journal of Forensic and Legal Medicine*. 2016 Apr;39:100-3. doi: 10.1016/j.jflm.2016.01.008. Epub 2016 Jan 21. (Correspondence)
14. Kanchana Sujirachato, **Wisarn Worasuwanarak**, Smith Srisont, Jitta Udnoon, Vichan Peonim. ABO Blood Group and Coronary Atherosclerosis in Thais at Ramathibodi Hospital. *Siriraj Medical Journal*. 2015;67(2):53-9.

15. Myint S, Rerkamnuaychoke B, Peonim V, Riengrojpitak S, **Worasuwannarak W**. Fatal firearm injuries in autopsy cases at central Bangkok, Thailand: A 10-year retrospective study. *Journal of Forensic and Legal Medicine*. 2014 Nov;20:5-10. (Correspondence)
16. Peonim V, Sujirachato K, Srisont S, Udnoon J, **Worasuwannarak W**. Committed suicide: forensic autopsy analysis at Ramathibodi Hospital during year 2001-2010. *Journal of Medical Association of Thailand*. 2014 Jun;97(6):662-8. (Correspondence)
17. Peonim V, **Worasuwannarak W**, Sujirachato K, Teerakamchai S, Srisont S, Udnoon J, Chudoung U. Comparison between prostate specific antigen and acid phosphatase for detection of semen in vaginal swabs from raped women. *Journal of Forensic and Legal Medicine*. 2013 Aug;20(6):578-81. (Correspondence)
18. **Worasuwannarak W**, Bhoopat T, Bhoopat L. Detection of Y-Chromosome DNA Locus DYS385 and Spermatozoa in Vaginal Swabs of Rape Victims: A Comparative Study. *Journal of Forensic Physician of Thailand*. 2011;(5)1:12-21.

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