



Caroline Hoong Wei Shan

Consultant, Department of Endocrinology, Woodlands Health

Research/Innovation Interests:

- Calcium and Bone Disorders
- Metabolic Medicine, Diabetology
- General Endocrinology

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Biography

Endocrinologist with interest in calcium and bone disorders, diabetology and metabolic medicine.

Selected Publications

- **Hoong CWS**, Sfeir J, Algeciras-Schimnich A, Clarke BL. A retrospective cohort of tumor-induced osteomalacia and case series of malignant disease. *J Clin Endocrinol Metab.* 2024 Mar 20;dgae193. doi: [10.1210/clinem/dgae183](https://doi.org/10.1210/clinem/dgae183). PMID: 38506445.
- **Hoong CWS**, Yeo XE, Lin Y, Ooi ST, Yeoh E. High glycaemic variability is associated with progression of COVID-19. *Acta Diabetol.* 2021 Dec;58(12):1701-1704. doi: [10.1007/s00592-021-01779-7](https://doi.org/10.1007/s00592-021-01779-7). PMID: 34347210.
- **Hoong CWS**, Chua MWJ. SGLT2 inhibitors as calorie restriction-mimetics: insights on longevity pathways and age-related diseases. *Endocrinology.* 2021 Aug 1;162(8):bqab079. doi: [10.1210/endo/bqab079](https://doi.org/10.1210/endo/bqab079). PMID: 33857309.
- Koh H, Moh AMC, Yeoh E, Lin Y, Low SKM, Ooi ST, Tan SK, Lin JHX, **Hoong CWS**. Diabetes predicts severity of COVID-19 infection in a retrospective cohort: A mediatory role of the inflammatory biomarker C-reactive protein. *J Med Virol.* 2021 May;93(5):3023-3032. doi: [10.1002/jmv.26837](https://doi.org/10.1002/jmv.26837). PMID: 33527464.
- **Hoong CWS**, Hussain I, Aravamudan VM, Phyu EE, Lin JHX, Koh H. Obesity is Associated with Poor Covid-19 Outcomes: A Systematic Review and Meta-Analysis. *Horm Metab Res.* 2021 Feb;53(2):85-93. doi: [10.1055/a-1326-2125](https://doi.org/10.1055/a-1326-2125). PMID: 33395706.
- **Hoong CWS**, Tan MLS, Kao SL, Khoo EYH. Effects of external counter-pulsation on endothelial function assessed by peripheral artery tonometry, levels of glycaemia and metabolic markers in individuals with type 2 diabetes mellitus. *Diabetes Metab Syndr.* 2020 Nov-Dec;14(6):2139-45. doi: [10.1016/j.dsx.2020.11.003](https://doi.org/10.1016/j.dsx.2020.11.003). PMID: 33334725.
- **Hoong CWS**, Huilin K, Sanda Cho, Aravamudan VM, Lin JHX. Are Adequate Vitamin D Levels Helpful in Fighting COVID-19? A Look at the Evidence. *Horm Metab Res.* 2020 Nov;52(11):775-783. doi: [10.1055/a-1243-5462](https://doi.org/10.1055/a-1243-5462). PMID: 32942311.

Notable Research/Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
Small PROjects Utilising Teams (SPROUTS) II Grant.	2021