

TAN SAY BENG

Tan Say Beng is Group Director Research at Singapore Health Services (SingHealth) and Senior Associate Dean of the Duke-NUS Graduate Medical School. He also holds or has held faculty appointments at the National University of Singapore's (NUS) Yong Loo Lin School of Medicine, Saw Swee Hock School of Public Health, and the Department of Biostatistics and Bioinformatics at Duke University. He is a board member of the Singapore Clinical Research Institute and also serves on the Science and Technology Advisory Board of the Singapore Sports Institute.

Prior to his current roles, he held various appointments including Executive Director of the National Medical Research Council, Senior Vice President and Chief Scientific Officer of the Singapore Clinical Research Institute, Head of Strategic Planning and Principal Biostatistician at the National Cancer Centre Singapore, Visiting Consultant to the Health Sciences Authority and Director of the Clinical Trials and Epidemiology Research Unit (CTERU), Singapore.

Say Beng received his initial training in Mathematics at Balliol College, University of Oxford, before he proceeded to do a Masters in Applied Statistics there. He then pursued a PhD at Imperial College London in Biostatistics, where he developed Bayesian decision theoretic approaches for the design of clinical trials.

He has more than 70 scientific publications, including first author research articles in leading clinical journals like the BMJ and top research methodology journals like *Statistics in Medicine*. He has 2 patents to his name, more than 10 research grants as Principal Investigator or Co-Investigator and more than 40 conference abstracts. He has co-authored two books published by Wiley on Sample Sizes for Clinical Studies and Early Phase Clinical Trials, and has also contributed several chapters for other books. He serves on a number of clinical trial steering committees and scientific review panels, has been an invited peer reviewer for many research papers and an Associate Editor of a number of scientific journals, including *Statistics in Medicine*, *Contemporary Clinical Trials* and the *Journal of Biopharmaceutical Statistics*.

Selected Publications, Books and Book Chapters

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| 1. Gandhi M, Tan SB , Chung ACY, Machin D (in press). On Developing a Pragmatic Strategy for Clinical Trials: A Case Study of Hepatocellular Carcinoma. <i>Contemporary Clinical Trials</i> |
| 2. Lim KC, Wang VW, Siddiqui FJ, Shi LM, Chan SYE, Oh HC, Tan SB , Chow PKH (2015). Cost-effectiveness analysis of liver resection versus transplantation for early hepatocellular carcinoma within the Milan criteria. <i>Hepatology</i> 61:221: 227-237. |
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11. Earnest A, Tan SB , Shahidah N, Ong MEH (2012). Geographical variation in ambulance calls in Singapore is associated with socio-economic status. <i>Academic Emergency Medicine</i> 19: 180-188
12. Yang Y, Goh SY, Tan SB , Ho HJ, Emmanuel SC, Ng HS (2012). The burden of diabetes mellitus in elderly patients from an Asian tertiary hospital. <i>European Journal of Internal Medicine</i> 23: e1-4.
13. Earnest A, Tan SB , Wilder-Smith A (2012). Meteorological factors and El Niño Southern Oscillation are independently associated with dengue fever. <i>Epidemiology and Infection</i> 140: 1244-1251
14. Tan SH, Machin D, Tan SB (2012). Sample sizes for estimating differences in proportions – can we keep things simple? <i>Journal of Biopharmaceutical Statistics</i> 22: 133-140.
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