

臨床疫学（我妻 ゆき子）

Clinical Epidemiology (WAGATSUMA Yukiko)



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臨床疫学～疾病制御へのエビデンス

臨床疫学とは、疫学と臨床科学の基本理論をもとに発達してきたモダン医学の一領域です。臨床疫学の手法は、基礎医学の理論体系に基づいた経験と、患者の治療やケアをする際に提起された複雑なオープンエンド的課題との間にある概念的ギャップを理解するのに有用です。臨床疫学に関する理論と方法の開発、およびその応用に関する研究を行っています。各種疾患領域における研究を通じて、疾病制御に関するエビデンスを提示し、治療やケアを改善することを目指します。

Clinical epidemiology pursuing evidences for disease control

Clinical epidemiology have been evolved in modern medicine. That helps to understand the conceptual gaps between structured experience of basic science and the more complex, open-ended problems arising for the care of patients. Based on the principals and the use of clinical epidemiology, we tried to provide the evidence towards improving the care of patients.

Nozawa Y, Wagatsuma Y. Protein Intake and Physical Performance Following Long-Term Stay on the International Space Station. *Aerosp Med Hum Perform.* 2021;92(3):153-159.

Ferdous F, Raqib R, Ahmed S, Faruque A, Chisti MJ, Ekström EC, Wagatsuma Y. Early childhood malnutrition trajectory and lung function at preadolescence. *Public Health Nutr.* 2020:1-12.

Manda CM, Hokimoto T, Okura T, Isoda H, Shimano H, Wagatsuma Y. Handgrip strength predicts new prediabetes cases among adults: A prospective cohort study. *Prev Med Rep.* 2020;17:101056.

Ahmad SM, Raqib R, Huda MN, Alam MJ, Monirujjaman M, Akhter T, Wagatsuma Y, Qadri F, Zerofsky MS, Stephensen CB. High-Dose Neonatal Vitamin A Supplementation Transiently Decreases Thymic Function in Early Infancy. *J Nutr.* 2020;150(1):176-183.

Nunokawa T, Yokogawa N, Shimada K, Sugii S, Nishino J, Gosho M, Wagatsuma Y, Tohma S. Prophylactic effect of sulfasalazine against *Pneumocystis pneumonia* in patients with rheumatoid arthritis: A nested case-control study. *Semin Arthritis Rheum.* 2019;48(4):573-578.

Huda MN, Ahmad SM, Alam MJ, Khanam A, Afsar MNA, Wagatsuma Y, Raqib R, Stephensen CB, Laugero KD. Infant cortisol stress-response is associated with thymic function and vaccine response. *Stress.* 2019;22:36-43.