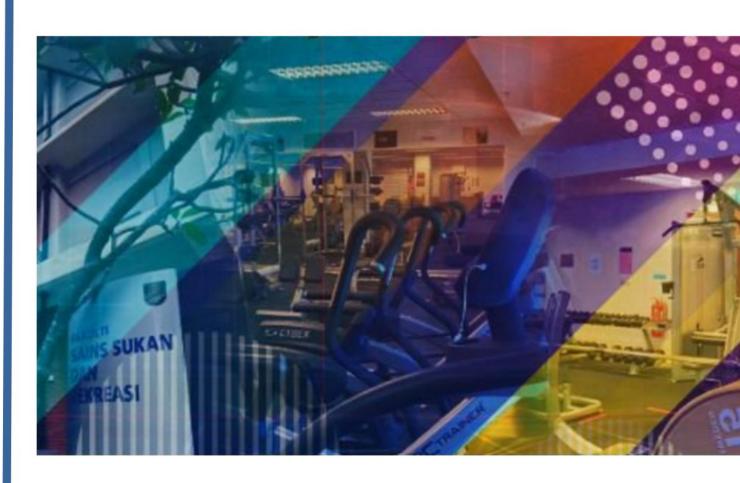
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In conjunction with student association



## Unlocking The Power of Exercise

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### "Move for health: Reducing the risk of noncommunicable diseases through physical activity!"

Physical inactivity stands as a modifiable risk factor akin to dyslipidaemia and hypertension, contributing significantly to the onset of various chronic diseases, including cancer and cardiovascular ailments. However, exercise emerges as a potent tool in mitigating these risks, offering substantial health benefits that extend to both primary and secondary prevention of such diseases, with a notable reduction in cardiovascular ailments and premature

mortality. Past study asserts that the physiological mechanisms facilitating these benefits operate at both cellular and multisystem levels [1].

Indeed, there is irrefutable evidence attesting to the efficacy of regular physical activity in averting a spectrum of chronic diseases and premature death, as highlighted by [2]. A study also reinforced this stance, emphasizing the association







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between lifelong exercise and an extended health span, marked by the delayed onset of chronic conditions numerous Furthermore, [4] affirms the role of physical activity in reducing the noncommunicable diseases. such coronary heart disease and type 2 diabetes mellitus, thus alleviating the financial burden on healthcare systems.

Prolonged periods of sedentary behavior, whether occupational or leisure-oriented, have been identified as independent risk factors for adverse health outcomes. [1] highlight the importance of incorporating various forms of physical activity, whether structured exercise programs or intermittent lifestyle-embedded activities, to counteract the detrimental effects of prolonged sitting. Such activities, including non-exercise activity thermogenesis (NEAT), contribute significantly to overall energy expenditure and metabolic health.

[5] underscores the multifaceted benefits of exercise for physical and mental well-being. Exercise not only regulates mood and

mental health by enhancing neurotransmitter sensitivity and endorphin production but also plays a pivotal role in weight management, muscle and bone health, cardiovascular function, and energy metabolism. Moreover, regular physical activity serves as a cornerstone in the prevention of chronic diseases such as heart disease, cancer, hypertension, thus promoting overall health and vitality.



Sleeping for too long can harm your health. Stay active for better well-being!

Positive effects on skin health, brain function, cognitive health, and sleep quality also result from exercise. The mitigation of oxidative stress, delay in skin aging, improvement in cognitive function, and promotion of restorative sleep patterns are also some of the additional benefits attributed to regular physical activity.

In conclusion, exercise emerges as a potent tool in disease prevention and health promotion, offering a comprehensive approach to enhancing overall well-being. By incorporating regular physical activity into daily routines, individuals can mitigate

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the risks of chronic diseases, improve mental and physical health, and lead healthier, more fulfilling lives.

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