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Preventing Meningitis and Brain Inflammatory Disease from th...

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Preventing Meningitis and Brain Inflammatory Disease from the Sustainability of Chronic Suppurative Otitis Media Causing High Population Mortality

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**ABSTR
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Background: Communities who lack the understanding of personal hygiene and the environment can suffer from Chronic Suppurative Otitis Media which, when continued, leads to inflammation of the brain and meningitis that eventually leads to death. This problem in Indonesia has a high prevalence of every 28,000 deaths, equal to 3.9%.

Method: To reduce this high mortality rate is to kill pathogenic bacteria that cause

Chronic Suppurative Otitis Media can continue.

Results: *Lactobacillus plantarum* bacteria isolated from Virgin Coconut Oil, the result of its antimicrobial analysis performed with the method of modifying discs, can kill pathogenic bacteria isolated from the patient's secretions.

Conclusion: So the death rate caused by this disease can be lowered.

Keywords: Mortality, Chronic Suppurative Otitis media, antimicrobial analysis, *Lactobacillus palantarum*, VCO