

ANALYSIS OF POWER GENERATION FROM BIOGAS AND MINI HYDRO GRID USING HOMER SOFTWARE

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Abstract

Statement of the Problem: By empowerment of medical science, the mortality rate has been decreased significantly and population has aged. Therefore the co-existence of 2 or more chronic disease has become prevalence in this population. This condition can increase the complexity of therapeutic management for both health care professionals and patients. The use of multiple medications known as Polypharmacy is common in elderly population. For instance, one third of all deaths globally are as a result of cardiovascular disease. Lately, by increasing number and diversity of pharmacologic agents available, health care professionals have a lot of medications options, which can lead to Polypharmacy.

Methodology & Theoretical Orientation: The study aimed to assess the effectiveness and safety of a four-component polypill including aspirin, atorvastatin, hydrochlorothiazide, and either enalapril or valsartan for primary and secondary prevention of cardiovascular disease. This study was a two-group, pragmatic, cluster-randomised trial nested within the Golestan Cohort Study (GCS), a cohort study with 50 045 participants aged 40–75 years from the Golestan province in Iran.s.

Conclusion & Significance: Use of polypill was effective in preventing major cardiovascular events. Medication adherence was high and adverse event numbers were low. The polypill strategy could be considered as an additional effective component in controlling cardiovascular diseases, especially in LMICs

Biography:

Amritpal Singh has completed his M.tech at the age of 31 years from I. K. Gujral Punjab Technical University, Jalandhar.

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Citation: Amritpal Singh, Guru Nanak Dev Engineering College, Ludhiana, Punjab, India; ANALYSIS OF POWER GENERATION FROM BIOGAS AND MINI HYDRO GRID USING HOMER SOFTWARE.;Digital Health 2021 Oct 28-29, 2021; Osaka, Japan.