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Title: TRANSFORMING WEIGHT LOSS: SEMAGLUTIDE'S MARKET POTENTIAL AND ROLE IN OBESITY MANAGEMENT

Introduction

Obesity is a growing global health concern with significant health and economic consequences. Despite the availability of lifestyle interventions, achieving and maintaining weight loss can be challenging. Semaglutide, a glucagon-like peptide-1 (GLP-1) receptor agonist, has emerged as a promising new treatment for weight management. Studies have shown significant weight loss in patients treated with semaglutide compared to placebo. This research aims to further explore the efficacy and safety of semaglutide for weight loss in adults with overweight or obesity.

Research Question

- To know about various US FDA, approve medication for obesity.
- To find solutions to obesity patients.
- To know about limitations of semaglutide.
- To know about the effectiveness of semaglutide.

Objectives

- In-depth learning of Obesity.
- To learn about treatments for obesity.
- Semaglutide as an effective drug in treatment of obesity.
- Efficacy & Safety of semaglutide in obesity patients.
- Wegovy Trial

Hypothesis

We hypothesize that treatment with semaglutide will result in greater weight loss compared to placebo in adults with overweight or obesity. Additionally, we hypothesize that semaglutide treatment will be well tolerated with minimal side effects.

Material and Methods

Study Design: Observational study.

Setting: The study will be conducted at a single research centre (brief description of the facility).

Study Tools: Review articles, Research articles, field understanding.

Duration of Study: 90 days

Sample Size: According to WEGOVY research paper.

Data Collection Procedure: Review articles, Research articles, field understanding.

Ethical Considerations

The study will be conducted in accordance with the ethical principles outlined in the Declaration of Helsinki. Written informed consent will be obtained from all participants. Data confidentiality will be maintained throughout the study.

Implications of Research

The findings of this research will contribute to the growing body of evidence on the use of semaglutide for weight management. If effective and safe, semaglutide could offer a valuable new tool for healthcare professionals in the fight against obesity.