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the prevalence obesity is the official journal of the obesity society and is the premier source of information for increasing knowledge fostering translational research from basic to population science and promoting better treatment for people with obesity us and global studies suggest an increasing trend in obesity since the 1980s and there is a dearth of nationally representative longitudinal studies using measured anthropometry to capture trends in adult obesity in the us for the same individuals over time in a phase ii randomized double blind trial involving 272 participants the researchers found that the mean change in body weight from baseline at week 26 ranged from 8.6 to 12.6 across the latest published articles in press top cited most downloaded most popular research article open access fat tissue quantity waist circumference or waist to hip ratio in patients with chronic kidney disease a systematic review and meta analysis silke zimmermann berend isermann march april 2024 view pdf research article full text access the strategic plan for nih obesity research serves as a guide to accelerate a broad spectrum of research toward developing new and more effective approaches to address the tremendous burden of obesity so that people can look forward to healthier lives the plan was originally published in 2011 herein we discuss the epidemiology of obesity covering the pathophysiology pathogenesis genetics epigenetics and environmental macro and micro causes that result in obesity we end by summarizing possible management and prevention strategies abstract the global sharp rise in the prevalence of obesity has made it a critical public health issue in the last few decades the obesity epidemic deploys a detrimental impact on the economy welcome to the international journal of obesity publishing the latest research and reviews on biochemical physiological genetic molecular metabolic nutritional psychological and abstract obesity is a complex multifactorial disease that accumulated excess body fat leads to negative effects on health obesity continues to accelerate resulting in an unprecedented epidemic that shows no significant signs of slowing down any time soon learn about the nhlbi s research on overweight and obesity their impact on health and how to prevent or treat them find current and past studies funding opportunities and related programs and guidelines 17 altmetric metrics what is the definition of obesity what is obesity and what causes or contributes to obesity are three similar sounding questions with very different answers obesity

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