

BMI and Beyond: Considering Context in Measuring Obesity and its Applications

The Path Forward in The Clinical Assessment of Obesity

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Disclosure

Novo Nordisk – Consulting (Past)



- Wherein an increase in body fat promotes adipose tissue dysfunction and abnormal fat mass physical forces
- That results in adverse metabolic, biomechanical, and psychosocial health consequences



BMI Used to Define Obesity





Limitations of BMI

- Patients with a normal BMI may have high levels of adiposity and be high risk for adiposity related disease
- Others with a high BMI may have relatively normal levels of adiposity and are metabolically healthy
- Ethnic differences exist in the relationship between BMI and percent fat



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Focused Approach

- There continues to be a need for accurate identification of patients living with obesity who are at the highest risk of morbidity and mortality
- Accurate identification allows for prevention and treatment to be targeted to those at the highest risk for poor health outcomes

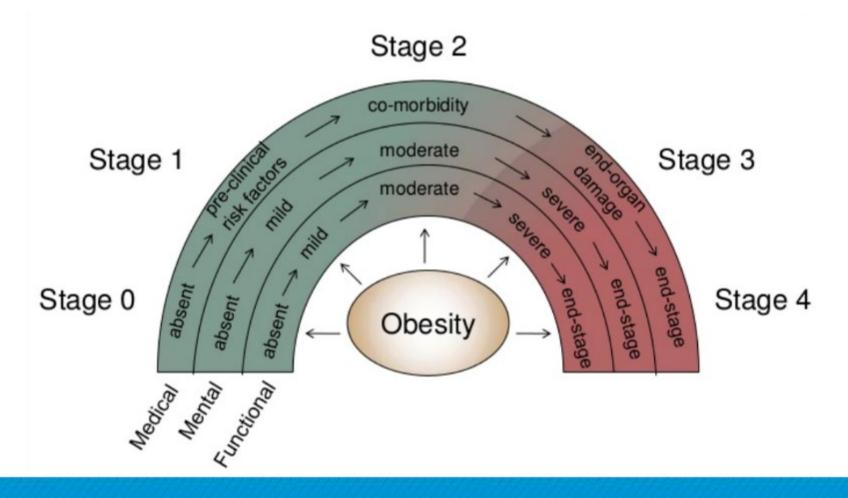


Edmonton Obesity Staging System

- Ranks severity of obesity based on clinical assessment of weight-related health problems, mental health and quality of life
- Provides a framework for clinical prioritization and management
- Better predictor of risk of adiposity related disease and mortality than BMI alone

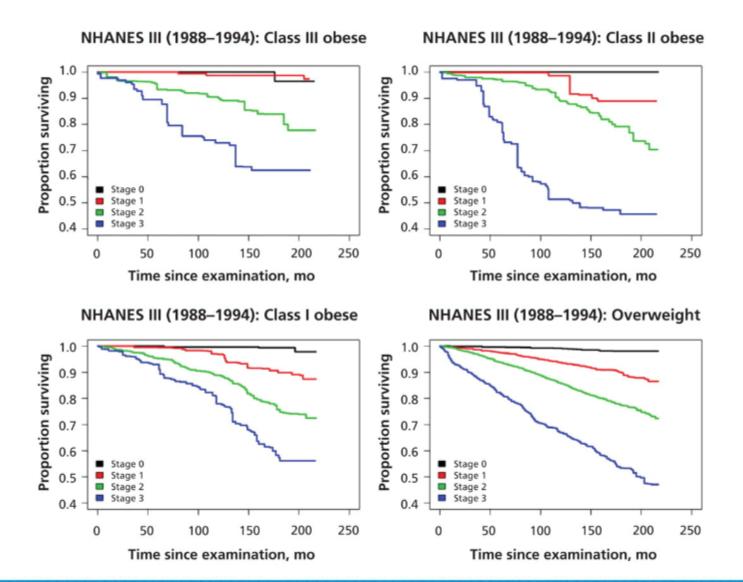


Edmonton Obesity Staging System









Raj S. Padwal, Nicholas M. Pajewski, David B. Allison and Arya M. Sharma CMAJ 2011 183 (14) E1059-E1066;



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