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Department
of Surgery

The Economic and Human Costs of Cardio-Metabolic Diseases Absent Prevention

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What Are the Economic Implications of the Obesity Epidemic?

- **Excess Weight:**
 - Increases risks of developing chronic medical conditions
 - Reduces life-span
- **Leads to increased cost:**
 - Direct costs – outpatient and inpatient health services (including surgery), lab and radiological tests, and drug therapy
 - Indirect costs – “resources forgone as a result of a health condition”
 - Value of lost work
 - Insurance Premiums
 - Wages



What Are the Economic Implications of the Obesity Epidemic?

- In 2005 estimated spend of \$190 billion on Obesity related healthcare expenses in US
 - 8.5% of Medicare spending
 - 11.8% of Medicaid spending
 - 12.9% of private-payer spending
- Obesity costs per person:
 - Range between \$1,400 and \$2,700 higher per year for obese individuals compared to non-obese individuals
 - Per person increased costs for obesity are similar to those seen for smoking



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Population Health and Obesity





Population Health and Obesity



Low-Risk Patients

60-80% of Patients; minor
conditions easily managed



Population Health and Obesity

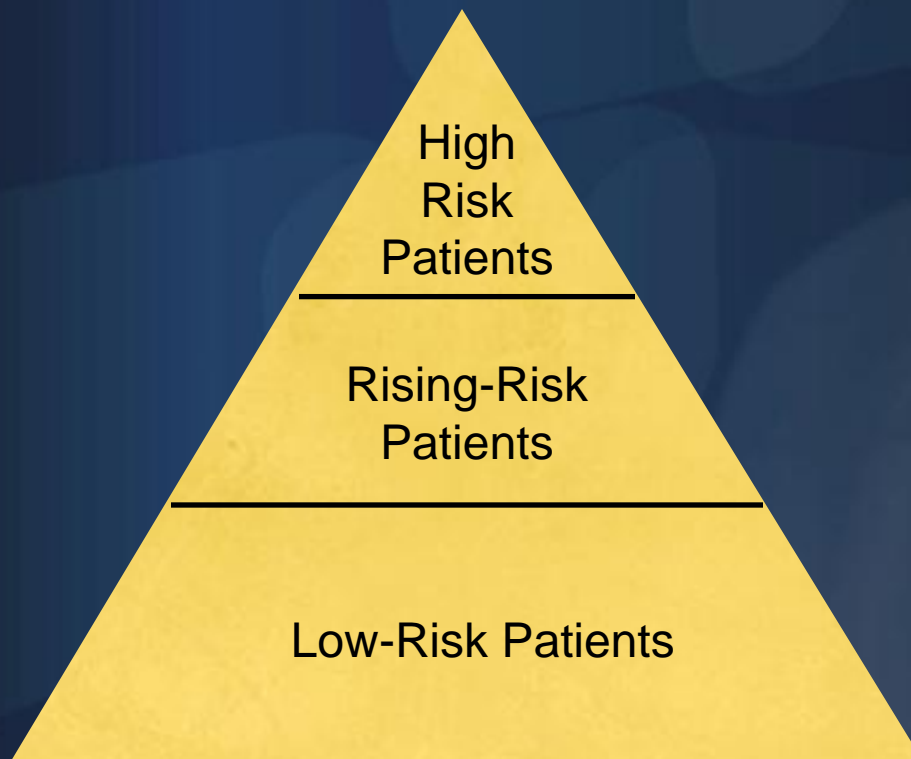


15-35% of patients; Obesity related disease more prevalent and may not be well controlled

60-80% of patients; minor conditions easily managed



Population Health and Obesity



5% of patients; Complex obesity related disease highest resource utilization

15-35% of patients; Obesity related disease more prevalent and may not be well controlled

60-80% of patients; minor conditions easily managed



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The Bottom Line?





The Bottom Line? Prevention is Key!!!

- Initiatives involving:
 - Local Government
 - Regional Government
 - National Government
 - Healthcare Systems
 - Insurance/Payers
 - Employers
 - Food Industry



The Bottom Line? Prevention is Key!!!

- Initiatives involving:
 - Local Government
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 - Healthcare Systems
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 - Employers
 - Food Industry
- Create a culture and provide the tools so that healthy weights are the norm not the exception