



Continua<sup>SM</sup>  
HEALTH ALLIANCE

# The Next Generation of Healthcare: Personal Connected Health & Wellness

[www.continuaalliance.org](http://www.continuaalliance.org)

# Mission

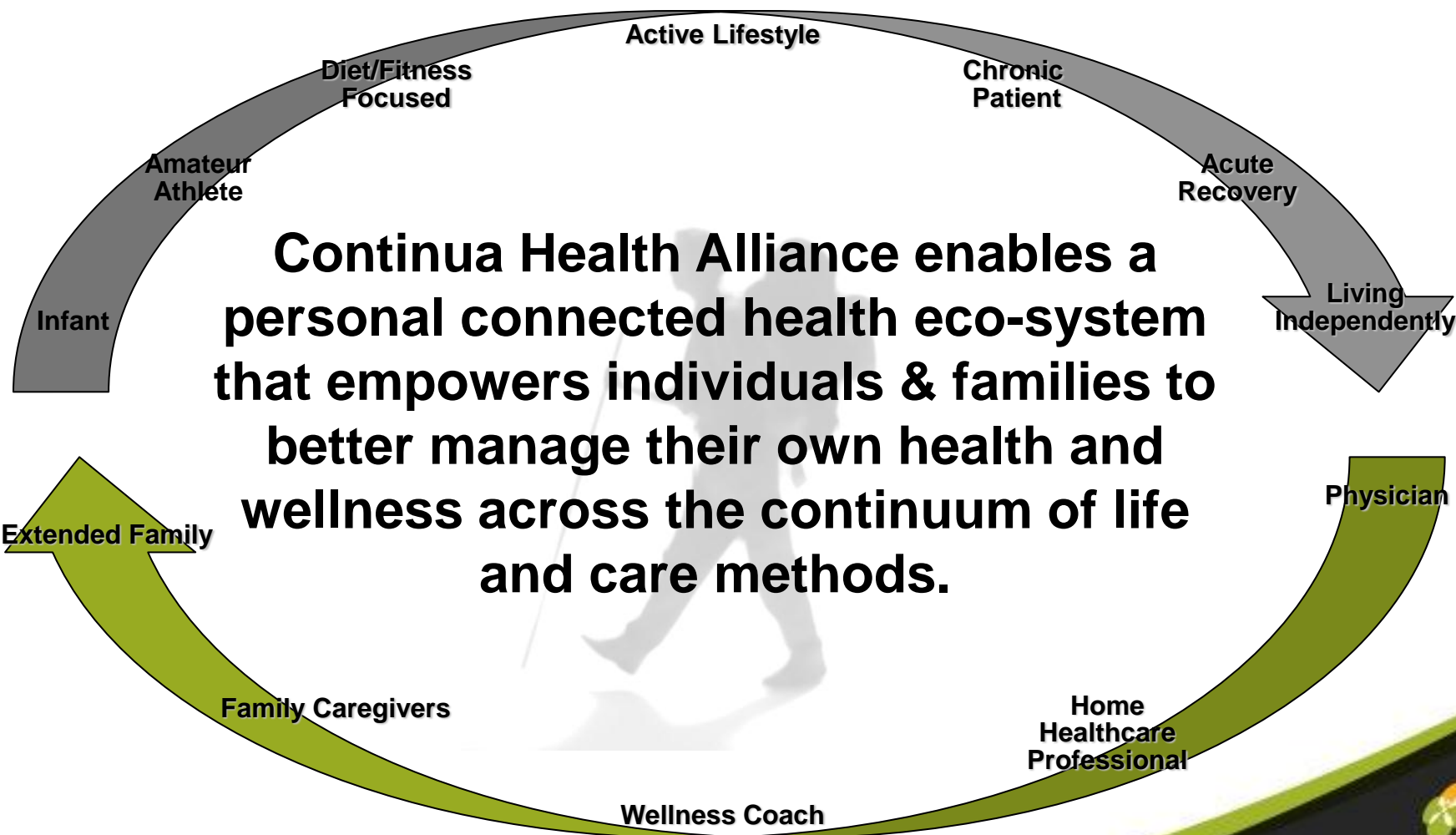


“Our Mission is to establish an ecosystem of interoperable personal connected health systems that empower individuals and organizations to better manage their health and wellness”



# The Continuum of Care

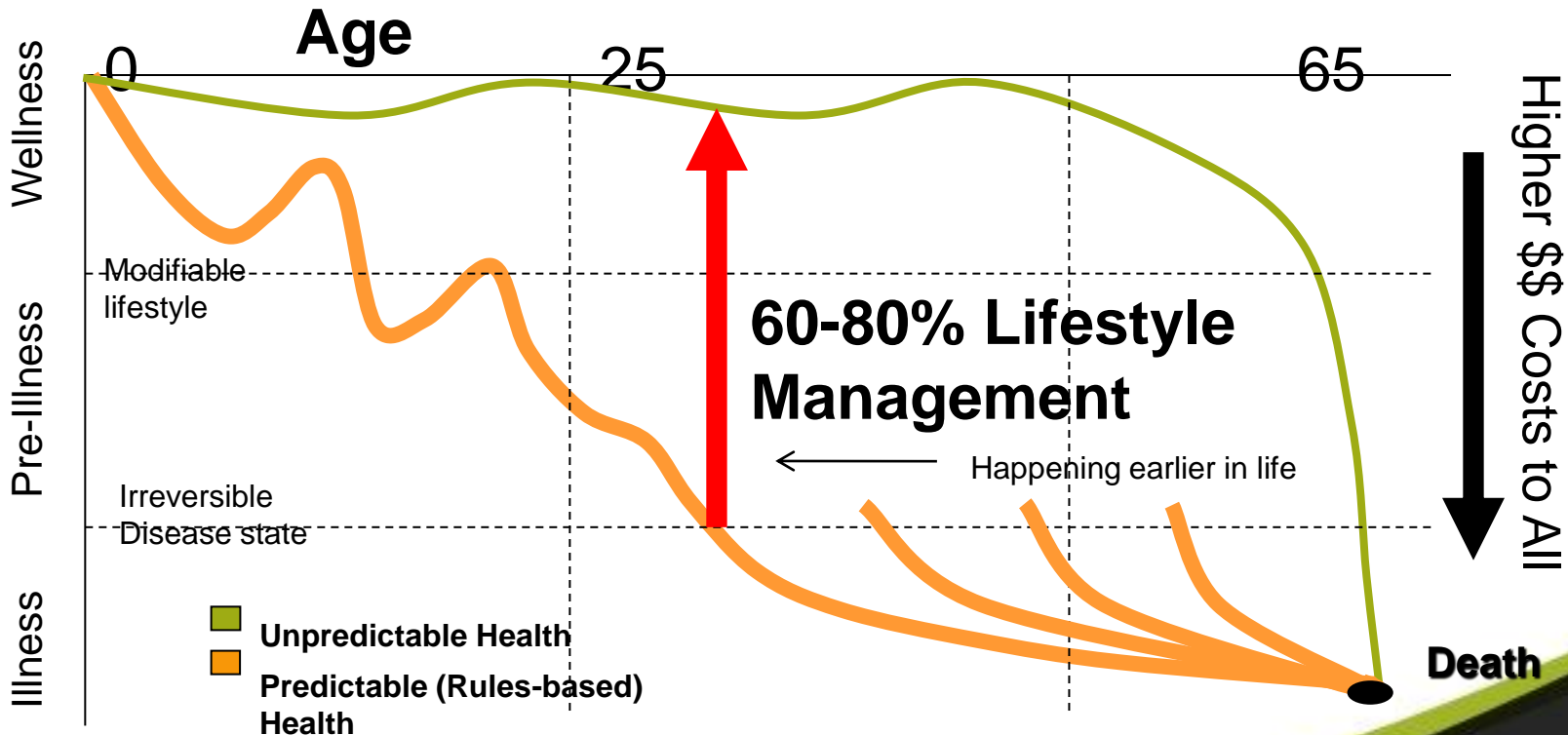
## CONTINUUM of LIFE



## CONTINUUM of CAREGIVERS

# Realize Peak Health Potential

- Goal
  - Experience peak health potential throughout life for a high quality of life at minimal costs
- Reality
  - Average individual is experiencing much less of full health potential than expected at a high financial & quality of life cost
- Cause
  - Adverse health events such as stress, poor nutrition, inactivity... are causing the population to fall away from their peak health potential



Adapted from Oregon Medical Labs

# The Challenge

## Worldwide today:

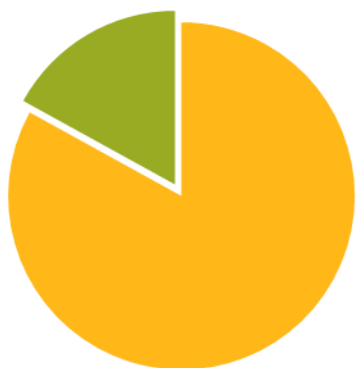
- 1 billion adults overweight
- 860 million individuals with chronic conditions
- 600 million individuals age 60 or older
- 75-85% of healthcare spending is on chronic condition management





# The Goal: Improve Lifestyle Choices, Health

## 83% Heart Disease



## Goal



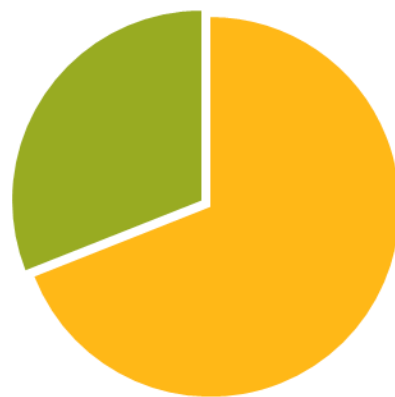
## Actual





## 91% Diabetes



## 69% Cancer



 = Non Modifiable Contributors to Disease

 = Modifiable Contributors to Disease

Hu et al. Diet, lifestyle and the risk of type 2 Diabetes in women. NEJM 2001 Sep 13;345(11):790-7.  
Stampfer MJ, Hu FB, Manson JE, Rimm EB, Willett WC. Primary prevention of coronary heart disease in women through diet and lifestyle. N Engl J Med. 2000; 343: 16-22





# The Solution: Personal Connected Healthcare

There is increasing evidence to support the value of remote monitoring for individuals with chronic conditions, including:

- **35-56% reduction in mortality;**
- **47% reduction** in risk of hospitalization;
- **6 days reduction** in length of hospital admission and
- **65% reduction in office visits;**
- **40-64% reduction** in physician time for checks and
- **63% reduction** in transport costs

*(Cleland et al 2005; Lee R, Goldberg et al, 2003; Scalvini S et al., 2001; Elsner et al, 2006; Van Ginneken et al 2006)*



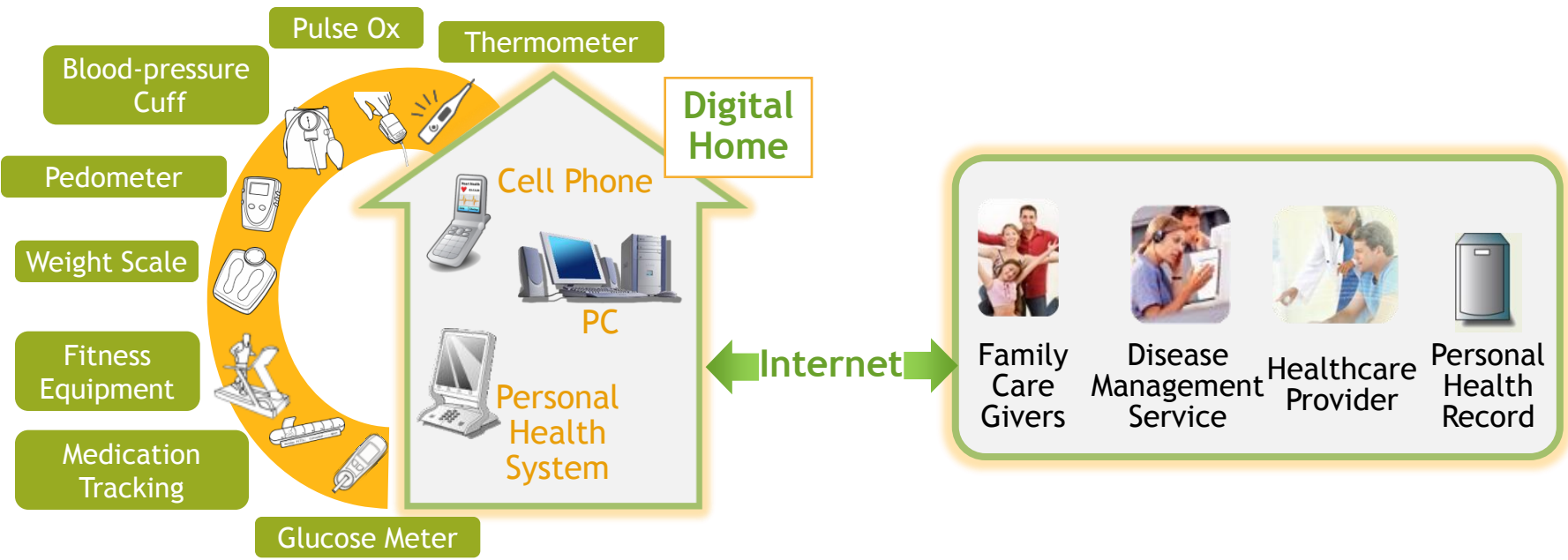






# Manage Chronic Conditions

860 million individuals with chronic conditions world wide



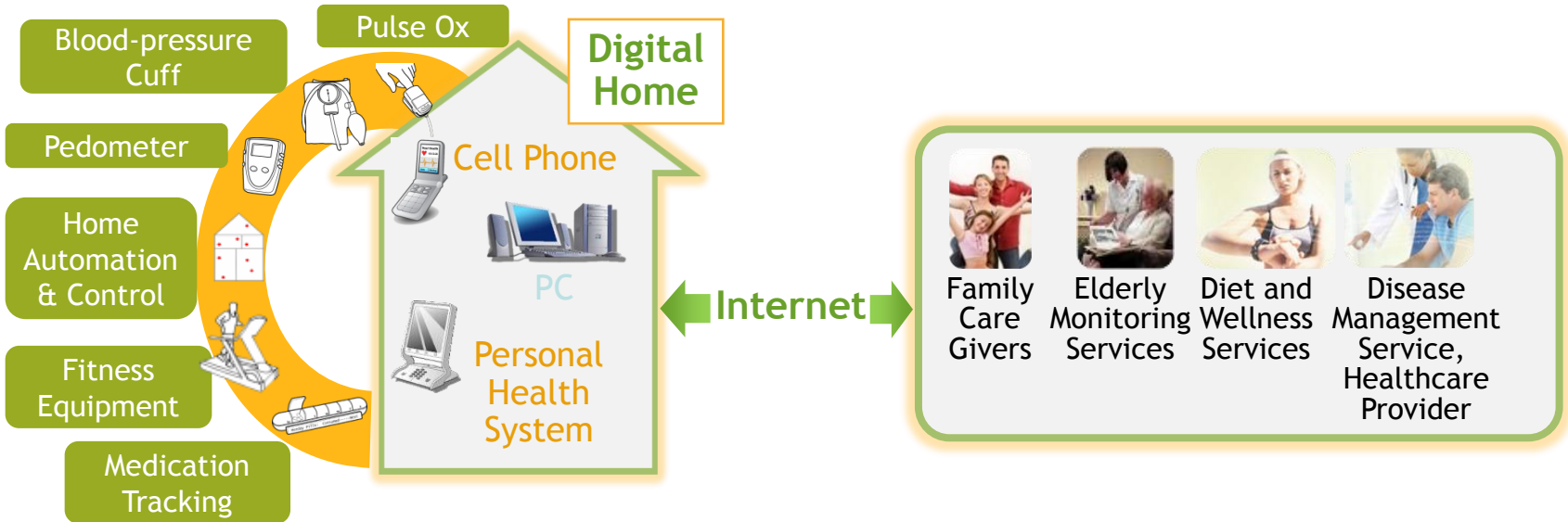
**Continua** member companies help individuals with chronic conditions live healthier lives by connecting them to their care team through a more efficient exchange of personal health information.





# Living Independently Longer

600 million elderly individuals world wide



**Continua** member companies help the elderly live independently longer, with dignity and security, through the efficient exchange of personal health and safety information that connects them to their family and care team.






# Already Complete: Interfaces & Standards

## Personal Device

- Thermometer 
- Pulse Oximeter 
- Pulse / Blood Pressure 
- Weight Scale 
- Glucose Meter 
- Cardio / Strength 
- Independent Living Activity 
- Peak Flow 
- Medication Adherence 
- Physical Activity 



Continua BT Profiles



Device Connectivity

## Aggregation Manager



## Telehealth Service Center




Wide Area Network (WAN) Interface



Health Record Network Interface

## Health Records

CCD  
PCD 01



EHR  
HIE  
PHR  
NHIN



Open International

# Promoter Members



Over 230  
Member  
Companies!

# Contributors

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Over 230  
Member  
Companies!

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