



# Intel Digital Health Group

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**Health Information Technology:  
Current trends, future opportunities**

*An informational hearing of the  
Senate Committee on Health*

March 13, 2009

# Intel's Digital Health Focus Areas

**Chronic  
Disease  
Management**



**Independent  
Living**

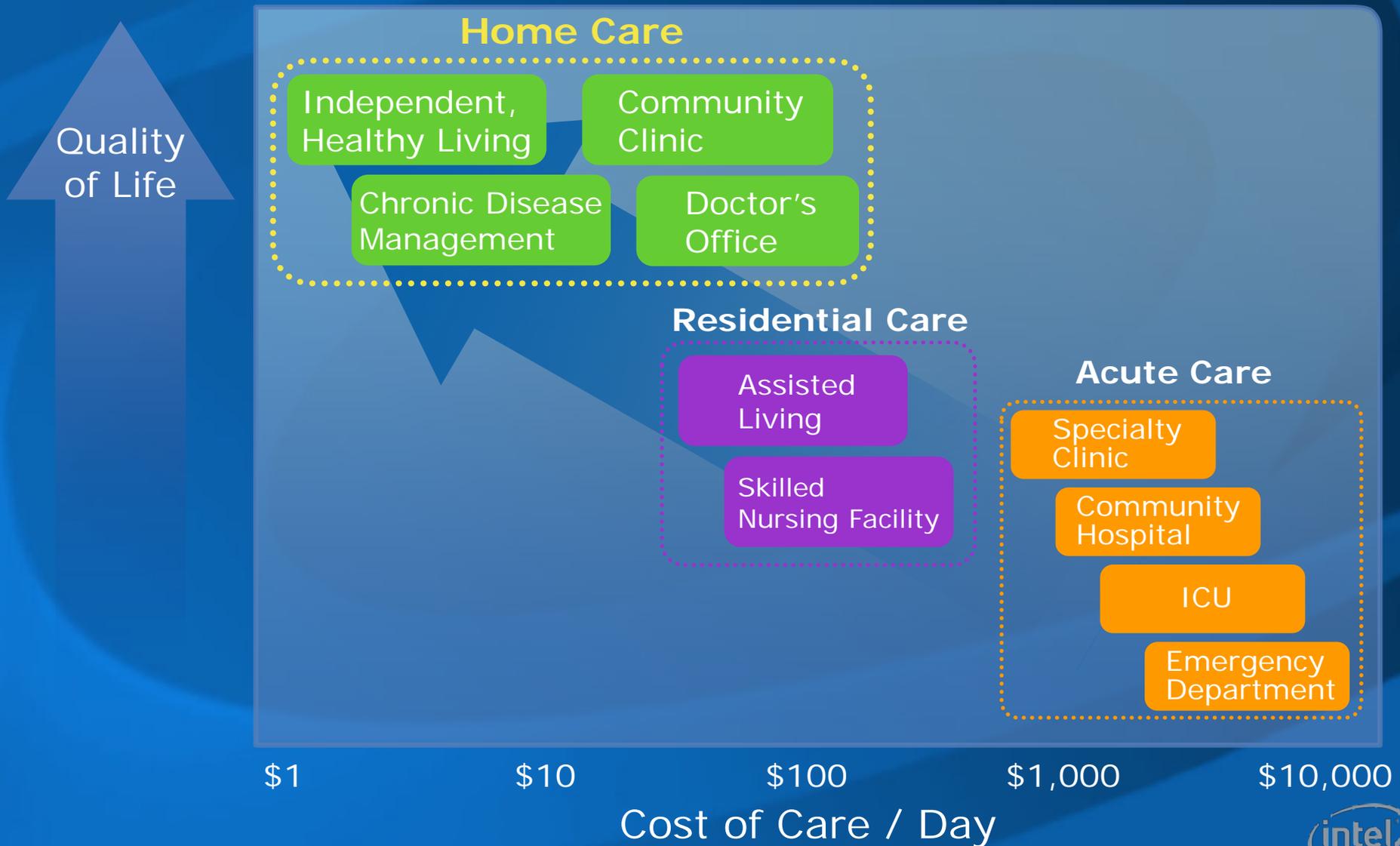


**Connected  
Healthcare**



**Research & Innovation  
Policy & Standards**

# The Continuum of Care



# Research and Innovation

## Study

Observe people in their own environments to assess unmet needs--on top of market research

## Understand

Explore how people deal with specific healthcare problems

## Develop

Design prototypes of new technology solutions

## Pilot

Field-test prototypes in everyday settings, everyday lives

## Deliver

Turn prototypes into new platforms that meet people's needs

Intel social science fieldwork in more than 1000 homes, 100 clinics, 20 countries, 12 pilots

# Intel® Health Guide

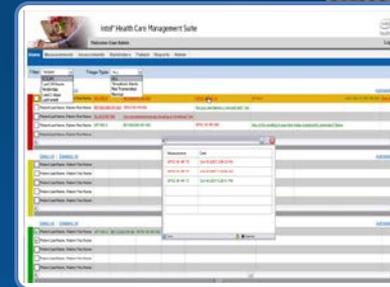
The Intel® Health Guide connects patients and their care teams for personalized care management at home



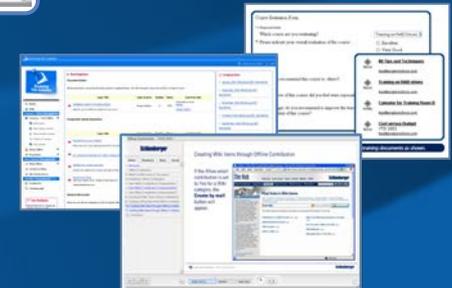
Intel® Health Guide



Intel® Health Care Management Suite



Medical Peripherals



Patient Educational Content



# Intel Employer Initiatives



Funds development of a web-based framework through which US employees, dependents, and retirees can maintain private, personal, and portable Personally Controlled Health Records

## SVP4P

The Silicon Valley P4P Consortium (SVP4P) is a Northern California-based group of employers (Intel & Cisco) and physician organizations that became a Bridges to Excellence site in December 2006.

# Recommendations for Alternative Payment Approaches

## Pay for remote chronic disease management in Medi-Cal

- Telehealth and associated administrative costs must be a reimbursable cost
- Eligibility needs to be wider among rural patients

## Direct remote monitoring benefits to patients

- VA study best example – expanding, to include psychiatry
  - 25% reduction in bed days of care
  - 19% reduction in hospital admissions
  - 86% patient satisfaction score

## Manage care of chronic disease patients with technology incentives

- Medical home

Carve out a part of stimulus and drive the use progressive new care models

# Back up



# Silicon Valley Pay for Performance (SVP4P): An engine of innovation using P4P to improve health care

- Intel and Cisco began the collaborative effort in 2005
- 7 multi-site medical groups accepted the challenge and continue to participate
- Medical groups represent 25 practice sites with over 1,800 physicians
- Each employer has paid up to \$50,000 per year in awards to each group, starting in 2007

**Dossia** is an employer-led non-profit organization dedicated to **improving healthcare** in the USA



**We're paying the bill so we're getting involved**

# What Dossia Does

- Funds development of a web-based framework through which US employees, dependents, and retirees (and later public-at-large) can maintain private, personal, and portable **Personally Controlled Health Records (“PCHRs”)** – personally controlled collected copies of health data
- **PCHRs** will empower individuals to take control of their health and costs by:
  - Providing meaningful, user-centric, electronic access to vital data
  - Improving healthcare literacy for Americans
  - Reducing medical errors and waste from paper-based healthcare
  - Helping healthcare consumers be true partners in managing their health
  - Lowering costs for healthcare (e.g. avoidance of duplicative procedures/tests, generic medications, treatment adherence)
  - Improving access to healthcare – more affordable for more people

