HST.921 / HST.922 Information Technology in the Health Care System of the Future, Spring 2009 Harvard-MIT Division of Health Sciences and Technology Course Directors: Dr. Steven Locke, Dr. Bryan Bergeron, Dr. Daniel Sands, and Ms. Mirena Bagur

# Ambulatory Practice of the Future Massachusetts General Hospital

MGPO, CIMIT, MGH Lab of Computer Science Stoeckle Center for Primary Care Innovation

HST 921: Information Technology in The Healthcare System of the Future

David C. Judge, MD March 19, 2009

## Shifting paradigms for care (vision)

Today

Focus on sickness

Event-based care Static care model Directive communication Individual experiences Patient goes to treatment One size fits all Obscurity

Tomorrow Focus on health & wellness Continuous care Evolving care model Collaboration Team-based experiences Treatment to patient Mass customization **Transparency** 

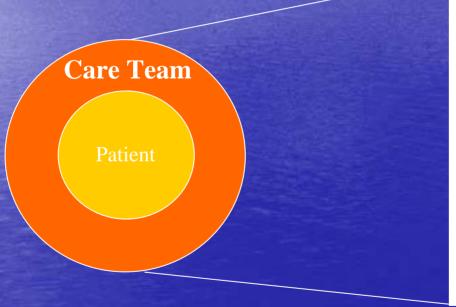
Patient

• Health & Life Balance Plan

compact & customized care plan

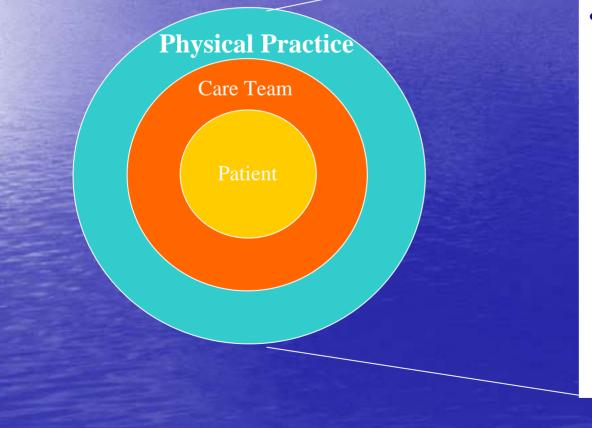
•Empowered to participate in care process

• Advisory role in ongoing APF development



•<u>Members</u> - MD, RN, NP, MA, Care coordinator, Greeter

- •Acute / chronic care
- •Proactive pop mgmt
- •Shared responsibility of ongoing practice redesign
- 'Productivity' redefined



•Patient – centered design •Critical components: -Living room/library -Urgent care -Open access / flexible team schedule -Central team area -APF Exam Room (CIMIT) -'Blank space'

-Telemedicine area

#### Virtual Practice

Physical Practice

Care Team

Patient

APF Portal (LCS)Synchronous and asynchronous e-visits

•Remote physiologic monitoring (CCH, CIMIT)

•Population management

•Peer – to – peer care

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