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**

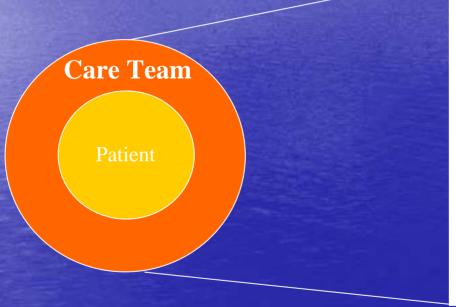
Patient

• Health & Life Balance Plan

compact & customized care plan

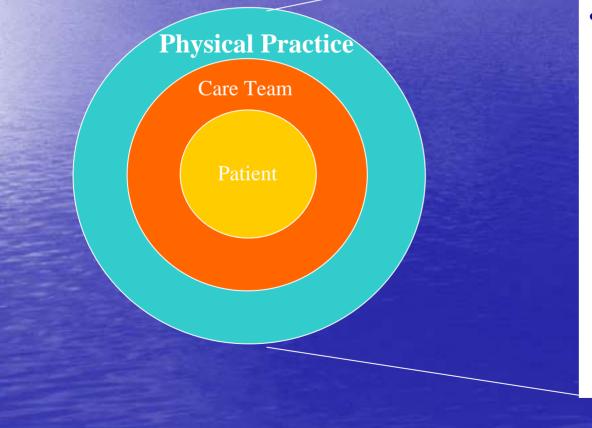
•Empowered to participate in care process

• 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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