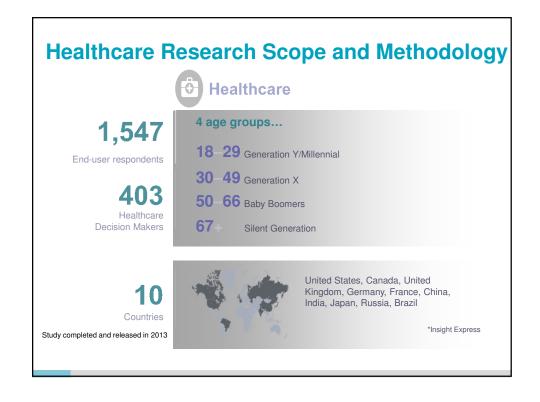
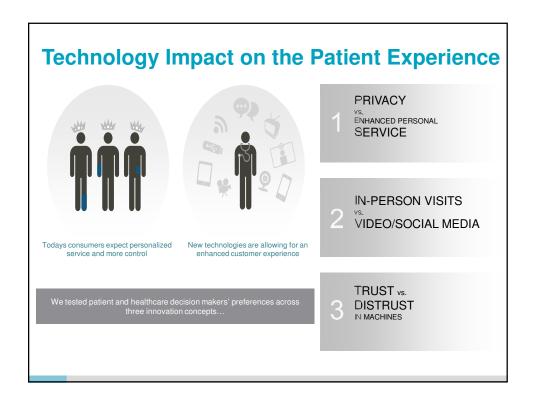
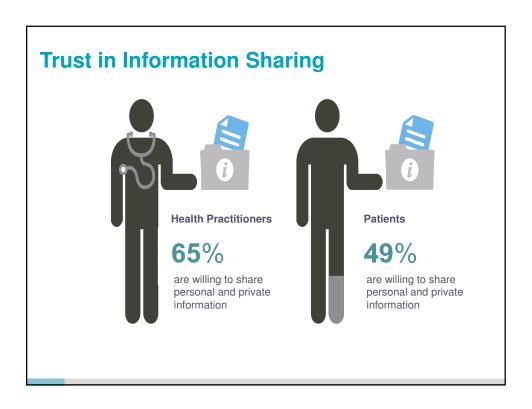


Consumers (Patients) are Mobile and Social

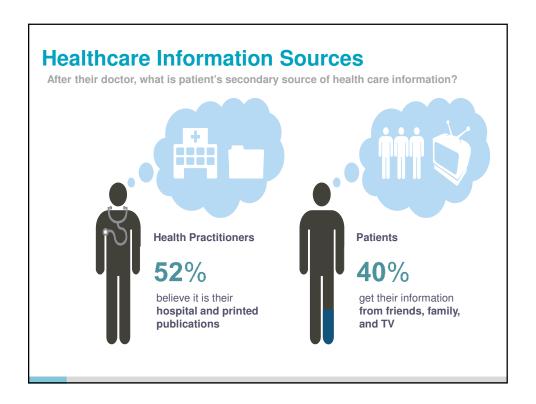


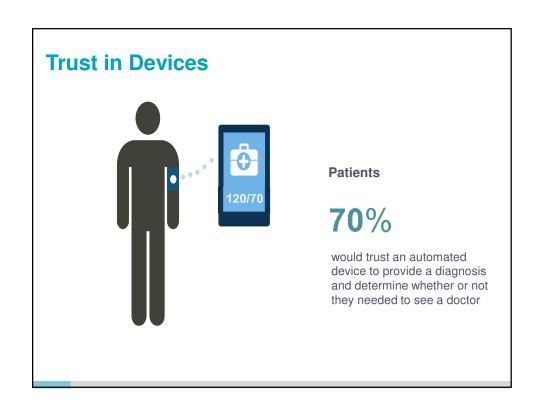


It is All About Trust









Trust in the Cloud



Patients

74%

are comfortable having their health records available on the cloud, assuming adequate security

...except in Germany and Japan

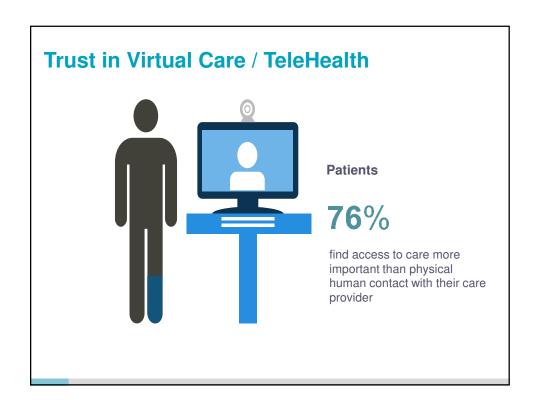
Trust in Mobile Health (mHealth)

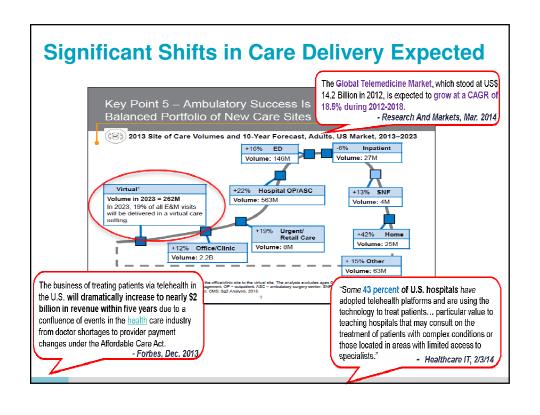


Patients

40%

Are showing interest in receiving health care information on computers and mobile devices ...it is the #1 topic of interest in Brazil, Mexico, and China





By 2030, Sg2 predicts that...

More than half of primary care will be delivered in retail clinics or virtually

"If you don't like change, you're going to like irrelevance even less."

— General Eric Shinseki, Former US Army Chief of Staff,
Former Secretary of Veterans Affairs

Acute care hospital beds will have dropped by 30% compared with 2014 levels

The Biggest Change – Healthcare has become a business of "Outcomes" vs. patient visits or insurance.

Outsource services to more than double as compared to 2014

Sg2 - The Health Enterprise of Tomorrow: Facing a Fork in the Road (2014)

Factors Accelerating Virtual Care Adoption



Patient Readiness



Access and Competition



Provider Readiness



Patient Demand



Healthcare Executive Readiness

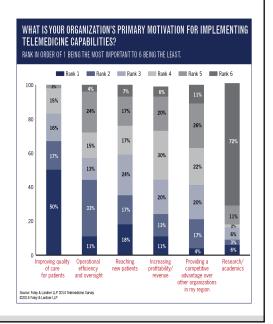


Reimbursement

Virtual Care Business Drivers:

Experience says....

- Operational Efficiency is #1: Speed and convenience for Providers AND Patients is paramount
- Organizations beginning to see Telemedicine as a requirement
- Seen as both an efficiency play and a new revenue driver



Recent Payer / Legislative Updates

UNITEDHEALTH GROUP'

UnitedHealthcare Covers Virtual Care Physician Visits, Expanding Consumers'
Access to Affordable Health Care Options

- Partnership with Doctor On Demand, Optum's NowClinio® and American Well offers convenient, cost-effective virtual visits for UnitedHealthcare plan participants
- Expanded choice from a network of virtual-care physicians
- · Virtual visits covered as an in-network benefit
- Available to self-funded employer customers now; expanding to additional employer sponsored and individual plan participants in 2016

MINNETONKA, Minn. (Jan. 01, 0001) — United Healthcare is expanding coverage options for virtual physician visits, giving people enrolled in self-funded employer health plans secure, online access to a physician via mobile phone, tablet or computer 24 hours a day.

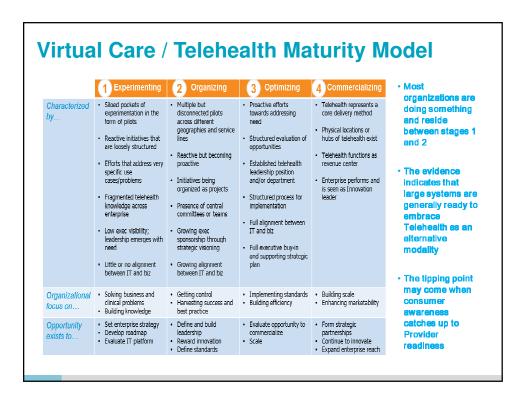
Texas Medical Board / New Guidelines:

- * Physician must establish a physicianpatient relationship prior to prescribing medication via telemedicine (Patients travel to an "established medical site" for an initial appointment, although that meeting with a doctor may be either in-person or via teleconference. The patient could have the appointment from home as long as a medical assistant is present to relay vital signs and other data to the doctor.)
- * The use of online questionnaires, or questions and answers exchanged through email, electronic text or chat, or telephone evaluation of a patient are *not adequate* to establish a valid physician-patient relationship under the Texas regulations
- * Excludes Mental Health services
- * Telemedicine is allowed between facilities with medical professionals on each side

Virtual Care Reimbursement UPDATE: 100 bills in 36 states related to telehealth reimbursement

ATA 2015 Insights:

- Cisco registered approximately 1,000 more attendees into our booth this year vs last (5,000+ total attendees)
- Attendees / Speakers continue to evolve:
 - More clinical physicians, clinical staff attendance / along with IT
 - Presentations from Kaiser, Mayo, INOVA, Mercy Virtual Health, etc
- It's ALL about OUTCOMES
 - Clinically & financially focused metrics
- Many attest they have to prove / show outcomes to leadership to evolve programs
- Expanding service lines



Virtual Care Use Cases: Cisco

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Challenge

- Provide employees access to high quality specialty care / 2nd opinions
- Minimize workplace interruptions and enhance workplace efficiency.
- Reduce travel burden for employees / family members
- Provide children in the US / Internationally access to Specialty Care

Solution

- Partnership with Stanford Dermatology and Cardiology service lines for San Jose and RTP based employees.
- 2nd Opinion e-Consult program with Cleveland Clinic
- Connected Healthy Kids Lucille Packard, Peking University, Great Osmond in London and regional facilities in Brazil

Business Value

- Enhanced access to care for Cisco employees and family members to key specialists particularly in dermatology. Reduced wait times / follow-up.
- Self insured organization seeking to better promote healthy choices / lifestyles
- Collaboration with key specialists to provide pediatric care to underserved markets

EDC6 139613

Virtual Care Use Cases: Veterans Administration











Challenge

- 22MM living Veterans in the United States with 41% living in Rural America
- 55% of Veterans are older than 65 years of age making travel / access an even greater challenge to receive the necessary care
- Significant need for behavioral health services to younger veterans returning from recent deployments

Virtual Care Offerings:

Clinical Video Telehealth (CVT) – Real time video conferencing between VA Med Centers & CBOCs – patient / provider and provider to provider

Home Telehealth (HT) – Monitors patients through video into the home and use of mobile devices for acute / chronic care management

Mobile Health – smart phone apps for self management of health 24x7 – PTSD coaching

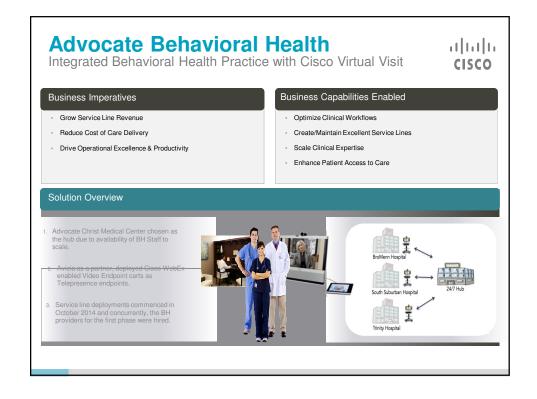
** Real time video consultations covers 44 clinical specialties as well as PCP services

Business Value (Fiscal 2014)

- Tele-health (CVT,HT, SFT) provided care from 152 VA Medical Centers (VAMCs) and 1,100 Community Based Outpatient Clinics (CBOCs) to over 690 000 patients. 45% of veterans lived in "rural" areas.
- Approximately 2 Million virtual care consultations; VA virtual care services have grown 70% annually
- CVT-93% Patient Satisfaction and reduced bed days of care by 28% for mental health
- HT-86% Patient Satisfaction and reduced hospital admissions by 30% and bed days of care by 54%

EDCS-1386126





Advocate Behavioral Health Business Outcomes CISCO Measurable Business Outcomes 2014 ACMC ED Psych Length of Stay (Avg. Min) Hub Launched October 1st, 2014 As a result of the telepresence leveraged proactive screening process to treat as required, or provide consultation for patients with chronic medical conditions in Length of Stay and underlying behaviorally comorbidities at all points of care, the following results were observed: 33% reduction in Length of Stay (LOS) in the first 3 months of the Hub deployment. The LOS was associated with an opportunity cost which when used to interpolate cost savings as a result of the program, showed a 40% reduction in the annualized cost per patient admit. Reduction in Admissions and Readmission Specific Numbers hidden per customer







Text messaging for the chronically ill will improve patient engagement, outcomes Chronic disease is the leading cause of death in the U.S. This includes type 2 diabetes, heart disease, obesity, smokingrelated illnesses 54% of consumers want to increase healthcare interaction Percentage of patients who text Even text messages are showing better Main advantages for using text messaging to engage engagement and patients is reach, personalization, interactivity. outcomes.... The average text is read within the first 90 seconds. Text messages can best reach the Texts can best reach underserved demographics. Hispanics underserved text 1.5 times more than whites: African-Ameri 0% 20% 40% 60% 80% 100% 120% demographics.... Providers can use personalized data to aid in treatment compliance. Information capture is simple and eliminates paper Editorial: In addition, a systematic review of 15 text messaging studies between 2009 and 2014 published in the Annual Public Review of Health, found the interventions had "statistically significant positive effects on health outcomes and/or behaviors."



