“To have lived through a revolution, to have seen a new birth of science, a new dispensation of health, reorganized medical schools, remodeled hospitals, a new outlook for humanity, is an opportunity not given to every generation.”

--Sir William Osler (1849-1919)
Where is healthcare today?

- 45 million Americans without health insurance
- Financial forecast for Medicare is grim
- Up to 98,000 citizens are killed every year by preventable medical errors
- More than 7,000 citizens are killed every year by medication errors

...and the list goes on.

21st Century Intelligent Health System

More Choices
With Greater Quality
At Lower Cost
Current System
- Provider-centered
- Price-driven
- 45 million uninsured Americans
- Slow diffusion of innovation and knowledge
- Acute-focused
- Paper-based
- Third party controlled market (patient – provider – payor)
- Little information on cost and quality
- Limited choice
- Predatory trial lawyer litigation system
- Overall cost increases
- Care driven by volume and price

21st Century System
- Individual-centered
- Values-driven
- 100% coverage
- Rapid diffusion of innovation and knowledge
- Prevention and health focused
- Electronically based
- Binary mediated market (individual – provider)
- Right to know quality and cost info
- Increased choice
- New system of health justice
- Overall cost decreases
- Quality of care and quality of life

Key Projects at the Center
- Health Information Technology
- Medicaid and State Transformation
- Consumerism
- Health and Homeland Security
- Healthy Georgia Obesity and Diabetes
- Cancer
- 21st Century Intelligent Hospital
Best Practices in Medicaid

1. Consumer directed care demonstrations
2. Delivering high quality, coordinated long term care to the elderly and disabled
3. Use of health information technology
   -- Electronic health records, e-prescribing, electronic billing, etc
4. Expanding coverage through private sector initiatives
5. Transparent and publicly-accessible measurements of patient outcomes and/or quality improvements
6. Efforts to combat fraud and abuse
7. A link to your state webpage that includes links to your existing state plan and state plan amendments
8. Changes would you recommend to Title XIX so that your state could provide better services to individuals and families on Medicaid
9. Future plans
Promising Areas in Medicaid

- Data Mining
- Predictive Modeling
- Disease Management
- Incentive accounts
  - Pay-for-performance and pay-for-compliance
- Consumerism
- Transparency of results
  - Florida’s standard Medicaid fee-for-service resulted in 4 percent of women getting mammograms and 16 percent of children getting preventive dental screenings

2nd Annual Conference on Creating a 21st Century Medicaid System

September 27, 2006 – Washington, DC

- First event held on September 20, 2005
- Newt Gingrich hosted Governors Mark Warner and Mike Huckabee, Senator Mel Martinez, Congressman Nathan Deal, Mark McClellan, and industry experts
- Outlined tens of billions of dollars in savings to the system through improved patient care and reduced fraud
- Webcast and materials archived on our website
Consumers have a right to know price and quality information

Consumers Have the Right to Know Cost and Quality Data

Florida Governor Jeb Bush and Health Secretary Alan Levine lead the country in promoting the transparency of hospital quality information and prescription drug prices.

www.MyFloridaRX.com

<table>
<thead>
<tr>
<th>Name</th>
<th>Zip Code</th>
<th>Drug Name</th>
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<th>Price</th>
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### Surgery/Procedure: Nervous System Injections, Stimulations or Cranial Tap
#### Time Period: January 2004 through December 2004

<table>
<thead>
<tr>
<th>Facility/City</th>
<th>Total Visits</th>
<th>Risk Adjusted Resource Cost</th>
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<tr>
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<td>Coral Springs Medical Center - 110019</td>
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</table>

### Pneumonia Mortality Rate
#### Time Period: January 2004 through December 2004

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<th>Rate</th>
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<tr>
<td>Cedars Medical Center - 100009</td>
<td>As Expected</td>
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<tr>
<td>Coral Gables Hospital - 100183</td>
<td>Higher Than Expected</td>
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<tr>
<td>Coral Gables</td>
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<tr>
<td>Doctors Hospital - 100020</td>
<td>Lower Than Expected</td>
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<tr>
<td>Coral Gables</td>
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**Health Information Technology** is the key lever to transform health and healthcare
The goal of every stakeholder in healthcare must be the rapid and widespread adoption of health IT.
Transforming Solution: PeaceHealth

- Community Health Record (CHR)
  - More than 1.5 million patients
  - More than 16,000 users can access CHRs
  - Access to PeaceHealth systems is available to all providers from anywhere (secure VPN connection)
  - Patients can access CHRs – prescription refills, secure email with docs, check lab results, scheduling, referrals
  - HIPAA compliant
  - Everything is online except physician progress notes and orders
  - Medication error tracking, bed transfers

Efficiency and Productivity
- Nursing documentation time runs 16-18% (~30% nationally)
- Nurse satisfaction has gone up ~15% and retention rates have improved significantly
- Cost per unit of service in our clinics has dropped 20-30%
- Average hospital acct rec. days has dropped from 64 days to 46 days with savings of ~ $35 million

Clinical Quality and Safety
- Improved documentation of allergies
  - Approaches 100%
- 83% drop in adverse drug events
- Diabetes patients testing A1C level less than 7 rose from 44% in 2001 to more than 60% last year
- LDL levels (bad fat in bloodstream): % of patients with less than 100 went from 28% to 52%
Legislative Update

- Nancy Johnson (HR 4157)
  - Roadmap to harmonize state privacy laws
  - Exemptions to Stark and Anti-kickback laws
  - Directs HHS to move to ICD-10 coding
- House Energy and Commerce
- Senate Bill 1418
Lessons of Katrina

- Homeland Security
- Public Health
- The Cost of Rebuilding Medical Records

Paying the Price of No Technology

The mute and frail elderly woman was one of 300 hospital patients evacuated [from New Orleans] to San Antonio on military transport planes last weekend when a national medical disaster plan was activated.

She came with no medical records or clues about her past. Only a wristband with her name and a room number -- 304A. Doctors at Baptist don’t even know what hospital or nursing facility she came from.

San Antonio Express-News
September 8, 2005
Paying the Price of No Technology

A San Antonio genealogy buff who "just had to do something to help," used her computer to track down the family of Ada Roppolo, a New Orleans nursing home resident evacuated to San Antonio last weekend with no medical records or history.

From there, the National Disaster Medical System evacuated New Orleans' hospital patients to facilities around the country that had room for them… If any records came with her, they were misplaced by the time she reached Baptist.

San Antonio Express-News
September 10, 2005

National Health Information Network
Investments and Savings

➢ Total savings first ten years: $350 billion
   Annual savings thereafter: $112 billion

➢ Investment first ten years: $396 billion
   Annual investment thereafter: $48 billion

➢ Net savings per year: $64 billion


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