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G R O U P SM

Enhancing Human Health

APHA Panel Discussion:

EHR/PHR-Inverting the Pyramid

Session 3413.1

November 5, 2007

4:30-6:00 pm



Purposes of Session

Follow-up to last year's panel discussion

Provide information on EHR/PHR development

Discuss and consider alternative conceptual bases of the evolving health information network

Focus on public health/research implications of EHR/PHR development

Consider our roles as public health professionals

Encourage and facilitate your engagement

Learn together



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U.S. Healthcare System – Expenditures

Healthcare costs in the U.S.

- Total cost of healthcare (as a percent of GDP)- U.S.
 - 2005 (Health Affairs) – 16.4% of GDP - \$1.9 Trillion
 - 2006 (BEA/Commerce) – 16.9% of GDP - \$2.24 Trillion
 - Per Capita cost - \$5,711 (2003)
- Health Expenditures (NHE) dwarf other major sectors of the
- economy – and they are projected to represent as much as 20
- percent of GDP by 2015.



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Healthcare Expenditures – Other Developed Nations

Of the nineteen largest economies in the Organization for Economic Co-operation and Development (OECD):

Average expenditure as portion of GDP – 8.9%

Highest portion (Non U.S.) – Switzerland – 11.2%

Average Per Capita (Non U.S.) >\$3,000



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How Are We Doing in Terms of Measures of Population Health and Value/Dollar?

- Highest infant mortality rate among 23 industrialized nations (7.9/1000 births)
- Life expectancy in Canada is 2.7 years longer than in the U.S.
- We have one of the lowest healthy life expectancy rates for people older than age 60
- Highest insurance administrative costs
- Lowest use of electronic health records, or EHRs – 17% penetration versus 80% penetration



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Some of the Key Players

- **National**

- **Office of the President**
- **Department of Health and Human Services (ONCHIT)**
- **Veterans Administration**
- **CMMS**
- **Institute of Medicine**
- **Medical Specialty Boards**
- **American Health Information Management Association**
- **HL-7**
- **Third Parties**
- **Providers**
- **IT Vendors**



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Some of the Key Players

- State and Regional:
 - State Government
 - Regional Health Information Organizations (RHIO's)
 - State Medical Societies
 - Hospitals/Clinics
 - Public Health Providers



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