

Health Information Technology

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Health Information Technology

Physicians, Physician Assistants and Nurse Practitioners are THE most important component of successfully utilized HIT



Health Information Technology (HIT) Conceptual Background

- Revenue cycle management
- Clinical cycle management
- Health Information Exchange (HIE)
- Health Information Acquisition and Utilization (HIAU)



Health Information Acquisition and Utilization (HIAU)

Technology solution must be a comprehensive solution with decision support to impact healthcare

“the best medical decisions are made when all medically relevant information is present at the point of physician/patient interaction”



HIAU

Information Acquisition

- Sources of health information
 - Patient
 - Lab
 - Imaging
 - Consultant
 - Pharmacy
 - Prior encounters
- Information must be discrete data
- Inter-operability between sources



HIAU

Information Acquisition

- Health information must be available at the point of contact with the patient
- Technology must not interfere with provider/patient interaction
- Multiple information capture pathways
- Enhance workflow



HIAU

Information Utilization

- Rules based clinical cycle management
 - Integrated best practice guidelines
 - Cross-reference meds/allergies/diagnosis
- Data propagation
 - Generation of prescriptions (e-prescribing), orders, referrals
 - Automated process tracking
 - Auto-population of patient chart



HIAU Barriers

- EHR systems cost between \$30k-\$50K in the first year/per physician. Don't buy software.
- ROI goes primarily to government and 3rd party payors (HITECH may offset cost)
- Efficiencies based on staff expertise
- Physician / staff comfort with technology
- Time for selection / implementation/utilization

HIT Conclusions

Providers are the most important element in the HIT equation

The last HIT mile is critical

Health Information Acquisition and Utilization tools can and will improve healthcare quality and slow the rising cost of healthcare.

Demand HIT solutions that improve your workflow

Don't buy software

