Technology:

[tek-nol-uh-jee]
definition in health
catalyst, stabilising agent and facilitator to integrated care.

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Agenda

1. Strategic Intent
2. Programmes of work
3. IT - Catalyst
4. IT – Stabilising Agent
5. IT - Facilitator
6. Delivery is…
What can I help you with?
What can I help you with?

Can you show me the best examples of integrated health in the world?
Barcode on Vial box is scanned to check
• product detail (prescription)
• expiry date
• Recall status
## Electronic Patient Record

### Epilepsy Summary

**Healthcare Organisation Details**
- Hospital: Beaumont Hospital, Beaumont Road, Dublin 9
- Telephone: +353 1 890 3000

**Syndrome Classification**
- **Epilepsy Syndrome Has Not Been Classified**

**Course Of Epilepsy**

<table>
<thead>
<tr>
<th>Event</th>
<th>Change In Frequency</th>
<th>Average Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confusion</td>
<td>Completely Controlled</td>
<td>Secure Free; 2005</td>
</tr>
<tr>
<td>Automation</td>
<td>Partially Controlled</td>
<td>Secure Free; 2006</td>
</tr>
</tbody>
</table>

**SEIZURE TYPE 1**
- Complex Partial Seizure
- **A) aura:** Yes; Deja vu, Epigastric/Rising Sensation
- Change In Frequency: No Change
- Average Frequency: 1 per week/1 per month: currently 1-2 every 2-3 days since 18/04/13

**SEIZURE TYPE 2**
- Presumed Secondary Generalised Tonic Clonic Seizure
- **Event:** Status, Tonic Clonic
- Change In Frequency: Reduced
- Average Frequency: 1 per month/1 per year: November 2013

**NON-EPILEPTIC EVENT**
- Cyanosis
- Change In Frequency: Completely Controlled
- Average Frequency: Secure Free; 2006

### Current AED Medications

<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Dosage</th>
</tr>
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</table>
| **Current Drug**
| Gabapentin (Gabapentin)
| Start Date: 01/01/2010
| Dosage: 600 mg Morning PO

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| **Prior AED Medications**
| Gabapentin (Gabapentin)
| Start Date: 01/01/2010
| Dosage: 600 mg Morning PO

### Comorbidities & Previous Surgery
- Neurosurgery: 12/10/2013 awake craniotomy and biopsy - fundus glioma. No inflammation
- Neurosurgery: 20/08/2014 new VNS (implantation)
- Neurosurgery: 23/07/2015 Leksell stereotactic ablation of motor and speech area 01/05/2014

### Allergies
- Drug Name: Allergy: Comment
- Penicillin: Possible: Occasional Rash

### VNS
- Implant: 01/02/2014

### Summary of Investigations

**General**
- Driving: Unknown
- Handedness: Unknown

**Asthma**
- Family History: No
- Status Asthma: No
- Possible Febrile Convulsions: At 6 months old
- Measles: No
- Mumps: No
- Encephalitis: No
- Traumatic Brain Injury: No
- Mental Temporal Seizures: Right-sided hippocampal sclerosis
What can I help you with?
What can I help you with?

Ok, thanks anyway. What about the GAA replay result on Saturday?
Programmes – 2015/16

1. Electronic Health Record
2. Individual Health Identifier
3. National Childrens Hospital
4. eReferral
5. ePharmacy
6. Primary Care IT
7. Cancer IT
8. Open Data
9. Form, Function, Capacity and Capability
IT - Catalyst

- Aging population
- Technology advancement
- Health reform
- Engagement
IT – Stabilising Agent

- Sound, reliable infrastructure
- Individual Health Identifier
- Electronic Health Record
- Delivery Programmes
- Business Intelligence Capability

Strategy

Facilitate collaboration, create a fan base of the systems and make the most of the connected data.

Turn data into information that enables insight and facilitates knowledge creation.
Knowledge & Information Plan

Integrated, Patient Centric, Efficient Care Delivery

Clinical & Information Governance

- Care Delivery Enablement
- Electronic Health Records
- Cross Setting Information Integration
- Health Service Insights
- National Support Systems

Knowledge & Information Delivery Transformation
But...
IT – Facilitator

Requirement for data and analytics...

Asthma monitoring

Allergies requiring data linkage

Prolonged data collection of LTC

Yearly issues relating to dates... 4/5

Delivering eHealth Ireland | Office of the Chief Information Officer
Delivery Is…

1. CCIO
   Over 100 Clinicians advising delivery and priority

2. eHI
   Committee in place and sitting for the first time in October

3. ECO
   Eco-System in place, defined ePharmacy & moving to research

4. ONEeHI
   Transition of the HSE team complete, transformation started

5. eHI.ie
   Transparent platform for progress
June

Launch the Knowledge & Information plan. (17 June)

Model Community (mid June)

eReferral (late August)

Individual Health Identifier (mid September)

Primary Care IT Programme (September)

September

EHR Case for Change publication (September)

Delivery Is…
Imagine a world ...
Technology - catalyst, stabilising agent and facilitator to integrated care.

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