Scanning at Point of Care – safer care for patients

Kate Ebrill
Head of National Service Operation and Management

GS1 Healthcare Conference
Copenhagen, Denmark
21 October 2014
About NEHTA

Established in 2005, The National E-Health Transition Authority (NEHTA) is a corporate entity owned by the Australian Federal, state and territory governments, to identify and jointly develop the necessary foundations and services for a national eHealth capability with the goal to:

• Improve the quality and safety of healthcare
• Reduce waste and inefficiency
• Improve continuity and health outcomes for patients
# NEHTA Work Programme Overview

<table>
<thead>
<tr>
<th>Personally Controlled Electronic Health Record</th>
<th>Clinical Information</th>
<th>Individual Information</th>
<th>Shared Information</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>eHealth Services</td>
<td>Shared Health Summary</td>
<td>Event Summary</td>
<td>Self Managed Care</td>
<td>Complex Care Management</td>
</tr>
<tr>
<td>eHealth Solutions</td>
<td>ePathology</td>
<td>eDiagnostic Imaging</td>
<td>eDischarge</td>
<td>eReferral</td>
</tr>
<tr>
<td>National Infrastructure Components</td>
<td>Terminology</td>
<td>Secure Messaging</td>
<td>Identifiers</td>
<td>Authentication</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
National Electronic Health Record

Views, Searches and Reports

PCEHR System

Information Sources

Repository

• Consumer entered information

Repository

• Shared Health Summaries

Repository

• Event Summaries

Repository

• Discharge Summaries

Repository

• Pathology Result Reports

Repository

• etc

Repository

Individuals and their Representatives

Healthcare Providers

Record Management

Individuals and their Representatives

Healthcare Providers

Medicare

• Medicare History

• PBS History

• Organ Donor

• Childhood immunisations

• etc
Unique Identification and Accurate Data

Accurate Data is Critical

☑ The right products, at
☑ The right price, for
☑ The right person, in
☑ The right location, at
☑ The right time
We are seeing a rise in use of barcode scanning in Australian Healthcare Supply Chain, from:

1. Goods receiving – distribution centres, warehouses, etc. for Australia's 1,600 hospitals.
2. Inventory management in the wards and local units.
3. Hospital pharmacies to the patient bedside.
4. Operating Theatres for medical devices, prosthesis and implantable devices.
5. Community pharmacies, e.g. NPSA
6. A way for consumers to capture their medicines lists—e.g. via an app
Supply Chain – across the cycle

1. Patient Identification
2. Medication Identification
3. Instrument Identification
4. Prosthetic Identification
5. EMR Integration
Australian Medicines Terminology

• Extension of SNOMED CT

• Developed to be fit for the purpose of unambiguously identifying for clinicians and computer systems, commonly used medicines in Australia and can be implemented in clinical information systems for the following activities:

  • Prescribe
  • Record
  • Review
  • Issue – including dispense
  • Administer
  • Transfer of information
AMT and NPC

**GTIN**: Global Trade Item Number
**PBS**: Pharmaceutical Benefits Scheme
**ARTG**: Australian Register of Therapeutic Goods
Proposed Next Steps

1. **Phase 1**: Associate AMT identifier to GTIN – align with TGA processes for new medicines.
2. **Phase 2**: Associate AMT identifier to GTIN – existing medicines on the NPC.
3. **Phase 3**: Enable interoperability between applications and CIS to deliver greater quality, safety and efficiency of care in relation to medicines, e.g. barcode scanning to the bedside.
Contact and Questions

Supply Chain

NEHTA specific information
www.nehta.gov.au

The latest in eHealth in Australia
www.ehealth.gov.au

Kate Ebrill
NEHTA
e-mail: kate.ebrill@nehta.gov.au