

# Enabling Vaccine Traceability

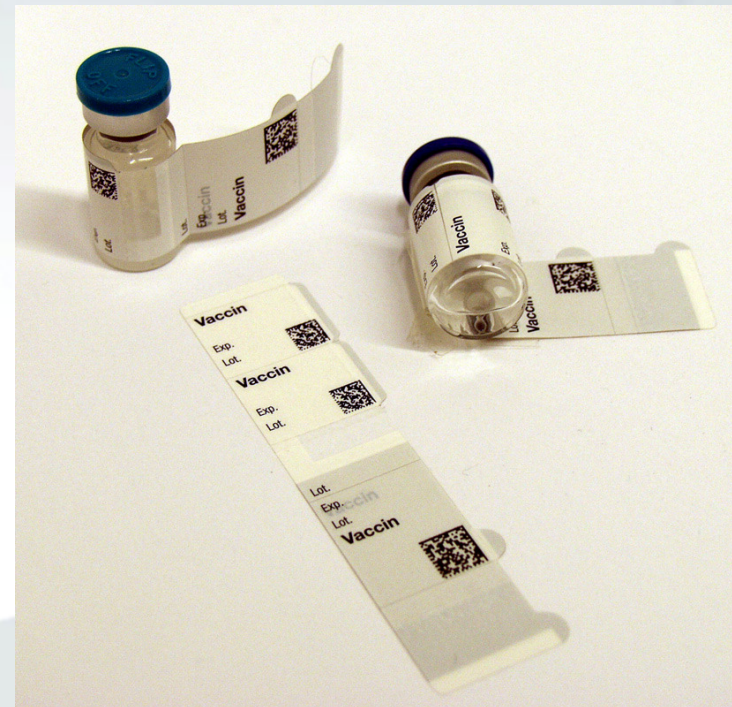
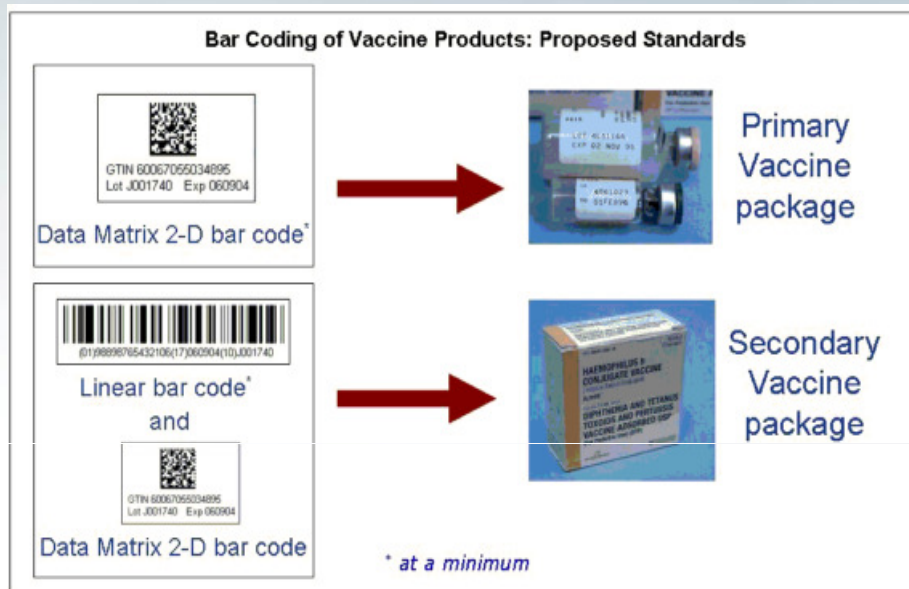
## Automated Identification of Vaccine Products (AIVP ) Advisory Committee

June 17, 2008  
GS1  
Toronto, ON

Lisa Belzak



# Canadian Immunization Registry Network Recommendations



- 1) **Global standards (GS1-GTIN)**
- 2) **Variable Data (lot number &/or expiry date)**
- 3) **2 dimensional bar codes on vial or syringe**
- 4) **2 or 1 dimensional bar codes on the outer package or box**
- 5) **2 peel off labels**



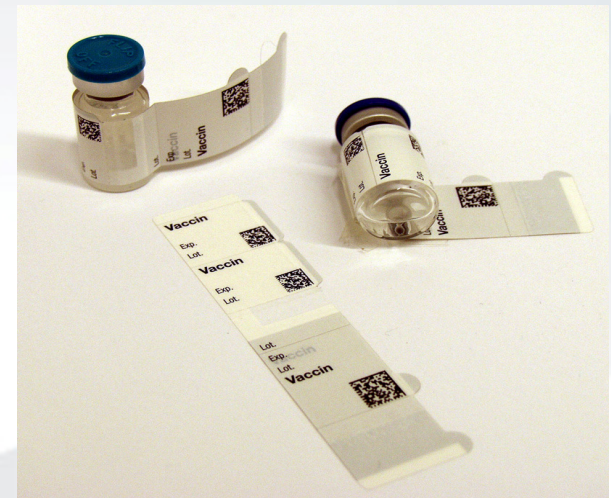
## Benefits of introducing AI Technology to Immunization

- Improved completeness and accuracy of immunization records
  - Reduction in vaccine administration errors
  - Improved ability to utilize all opportunities for immunization
  - Reduction in re-immunization
  - Expedited follow-up of adverse events
- Increased efficiency for vaccine manufacturers, immunization programs and immunization providers
- Improved vaccine supply chain management
  - Reduced wastage
  - Improved accuracy in vaccine forecasting



# Progress to date...

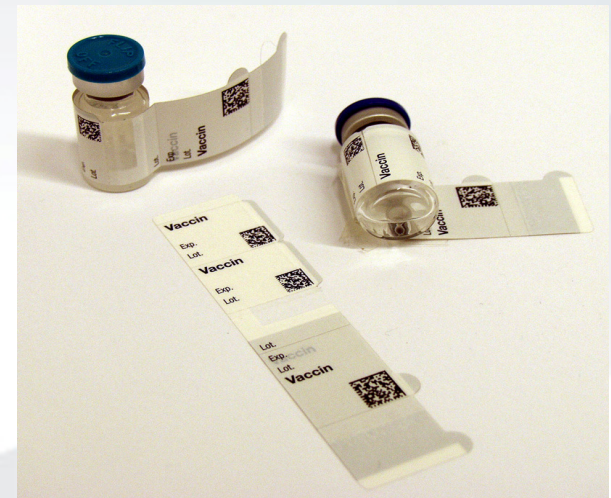
- 1973 UPC bar code standard adopted...





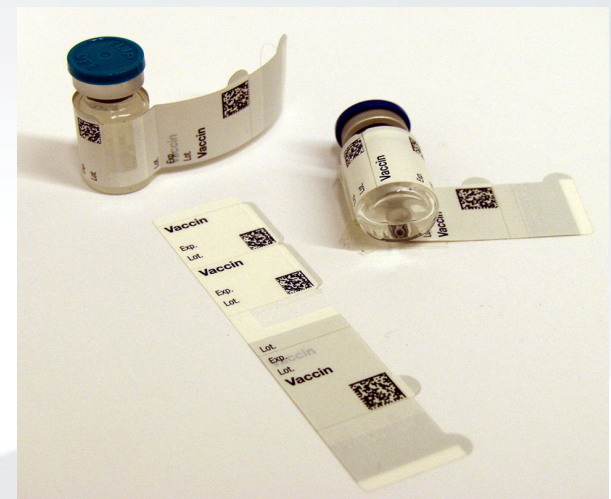
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- 1999 National Advisory Committee on Immunization ...



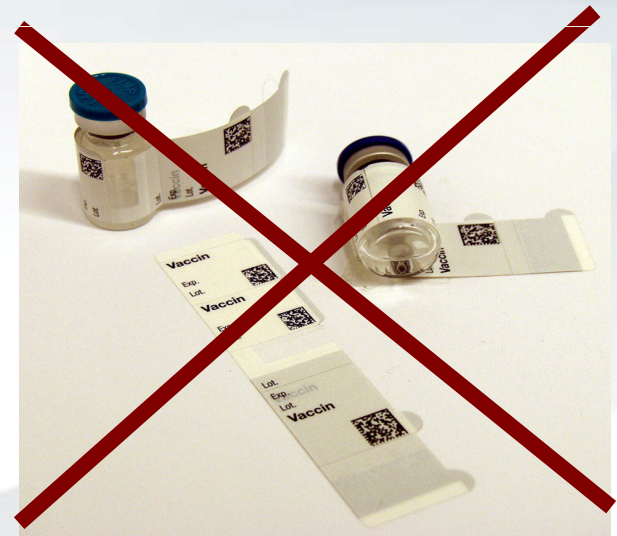
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- 2005 Recommendations for standards....



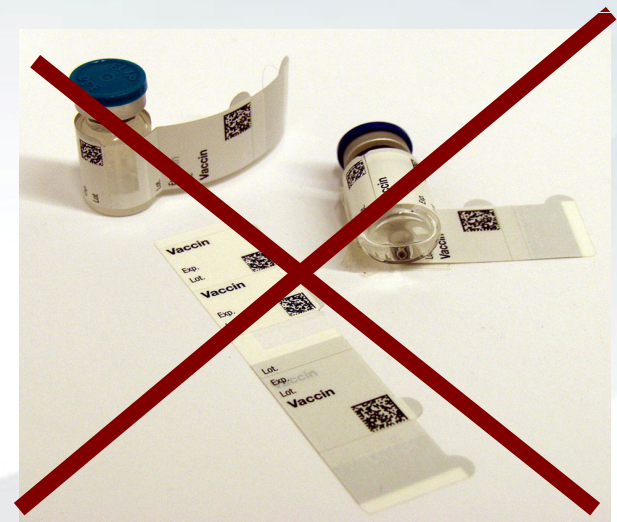
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## Progress to date...

- 1957 first unmanned flight into space
- 1969 first man on the moon
- 1973 UPC bar code standard adopted...
- 1999 National Advisory Committee on Immunization ...
- 2005 Recommendations for standards....





## **AIVP Advisory Committee (2007)**

### Mandate:

- To provide leadership, overall guidance, direction, advice and support for the development and the implementation of vaccine bar codes in Canada and contribute to the development of global standards for bar coding of vaccines.
- Provides advice to PHAC and reports to CIC annually

### Mechanism:

- Information sharing and work planning takes place during bi-monthly teleconferences and one annual meeting
- Work is accomplished through objective oriented and time limited task groups with representation from major stakeholder groups

### Membership:

- Manufacturers; production experts and VIC reps
- End users from public health and private practice (CNA,CMA)
- Regulator and other key stakeholders i.e. CCIAP
- Reps from Vaccine Safety Working Group, Vaccine Supply Working Group and CIRN



# AIVP Strategic Priorities

Action item	2007-08	2008-09	2009+	Ongoing
Advisory Committee established	√			
Strategic plan developed	√			
Cost-benefit analysis	---	√	√	
Consolidation of the evidence	√			
Assess state of readiness of all endusers	---	√	√	
Collaborate and align with related e-Health initiatives				√
Initiate database to support bar code reading (VIDS)	---	√		
Engage clinical software sector to communicate bar code standards / requirements		√		
Facilitate early adoption projects			√	
Align with international AIVP initiatives				√
Contribute to development of international standards (GS1 Healthcare Users Group)				√
Agree and publish final recommendations for bar codes on vaccines products			√	



## **Panel and AIVP Advisory Committee Members**

1) Dr Monika Naus

Rep: Public Health Immunization Providers and the Canadian Immunization Registry Network

Director Epidemiology Services, British Columbia Centre for Disease Control

2) Dr Jay Mercer

Rep: Non Public Health Immunization Providers

Senior Physician Advisor, IT Policy Development & Coordination, Canadian Medical Association

3) Mr. Louis Lamarche

Rep: Vaccine Industry Committee

Public Health Manager - Vaccine Division, Merck Frosst Canada Ltd.  
Co Chair of the AIVP Advisory Committee

