



Vaccines and Biologics Work group Close out report

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Vaccine Bio Workgroup

We are different from Pharma but not very different

Very small packaging size – variety of delivery systems

Cold chain requirements

Unique end user requirements

Inability to readily accept RFID (stability, if ever) 2D can work

We must **not** have a specific set of requirements for vaccines or biological products

There may be a business case to launch with vaccines and biological products

Our focus remains Patient Safety and medication error



Wide variety of delivery systems

Very small containers

Vials

Ampoules

Syringes (with and without diluents)

Unit dose pipettes

Peel off label requirements Vs Permanent pressure sensitive label

Multi dose Vs Single does

Dry powder inhalers

Self inject devices



End user Requirements

Time out of refrigeration issues

Record keeping requirements

- initiate the electronic record keeping process
- recording of lot and expiry and site of injection etc

Inability of the patient to self authenticate

- Primary and secondary packaging often separated

Variety of dispensing models



Needs and Next Steps

Full Supply chain participation

Hospitals or Physicians.

National Registry and organization (CIRA/AIRA etc)

Health authorities

Map the supply chain

Understand the user requirements

Council of Nurses, WHO, ECHO

Understand the potential business benefits

Standards can facilitate reimbursement

Need debate on; Logic on the product or as a pointer to the database



Next steps

Regularly schedule telecons

2 per month

Revise our time schedule

Focus on user requirements

Focus on true requirements

Solicit active supply chain participation

Encourage debate



Thank you

To our meeting sponsors and organizers:

GS1 Italy

Pfizer

Ulrike



HUG
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Cold chain management

Needs

Need a global sustainable system for all products not just vaccines and biological products

Why do we need a specific workgroup for vaccines/bio

Need to standardize the data for all products – no exceptions

Chicken and egg situation – no one reads the bar codes, why should we invest now?

AIRA participation

Auto an identification system

Smart tags for temperature monitoring system

Radioactive out of scope