

# CIDR Demonstration



Gillian Cullen

# Objective

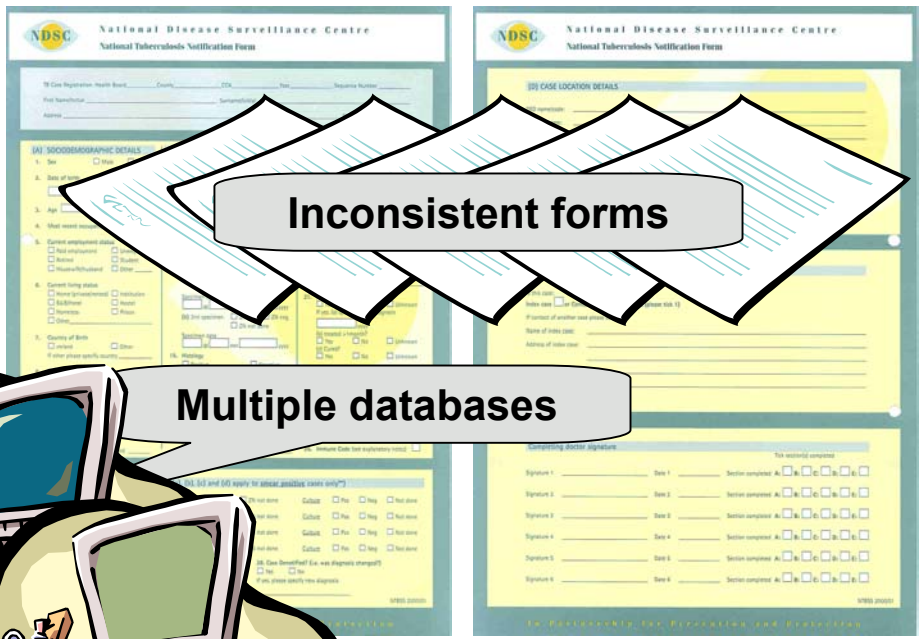
- To provide an *overview* of all of the key functional areas within the CIDR application
- Using *examples* to illustrate how CIDR will be used

# Agenda

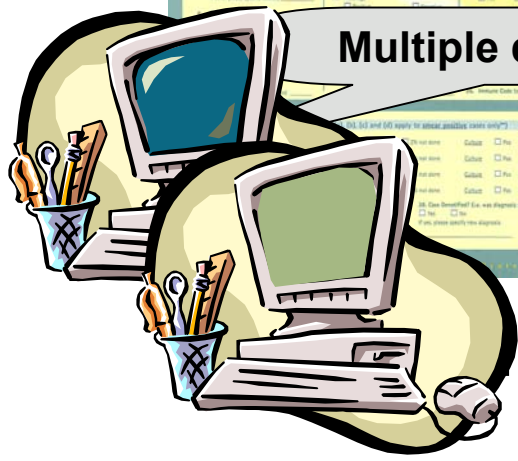
- Overview of the CIDR Concepts
- Introduction to CIDR application and reporting
- Illustrations
- Questions

**... hands-on exercises**

# Current view



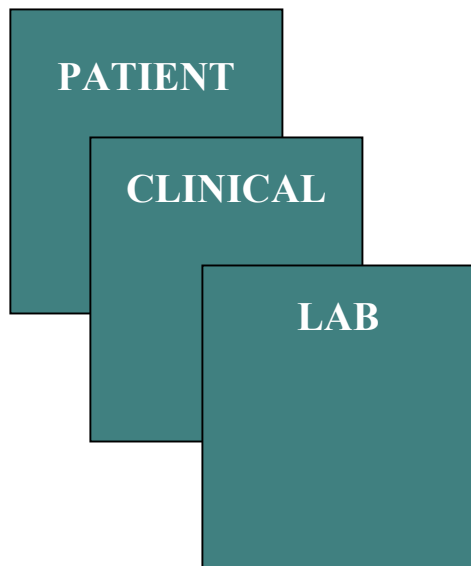
Inconsistent forms



Multiple databases

.. information is compiled on paper and grows in an **inconsistent** way

# The new CIDR view



Integrated in a single  
**core repository**



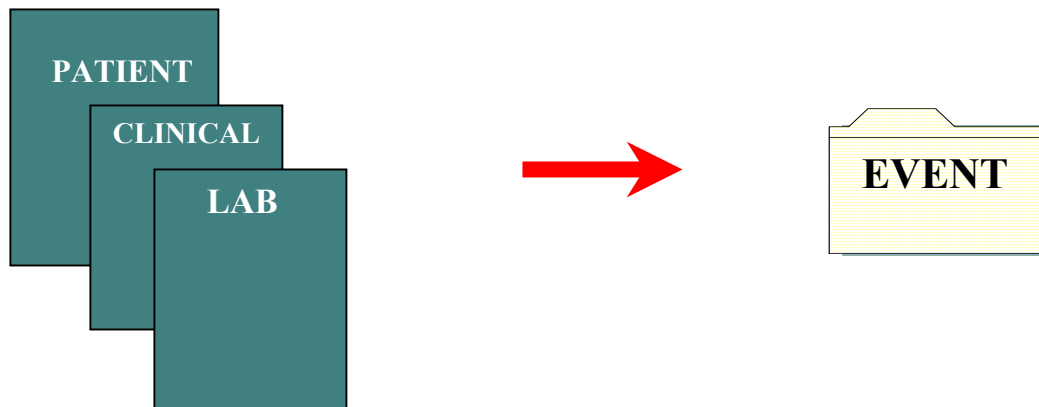
... information must  
be captured and  
grow in a **structured**  
way

# The new CIDR view



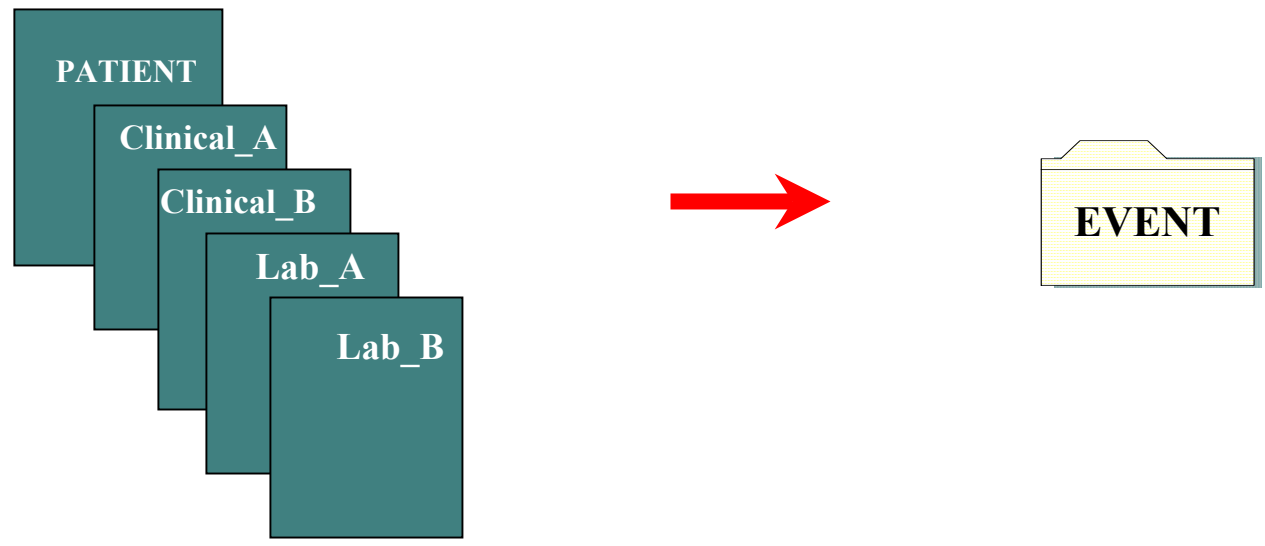
**CIDR requires you to  
**link** data to make it  
intelligible.**

# The new CIDR view



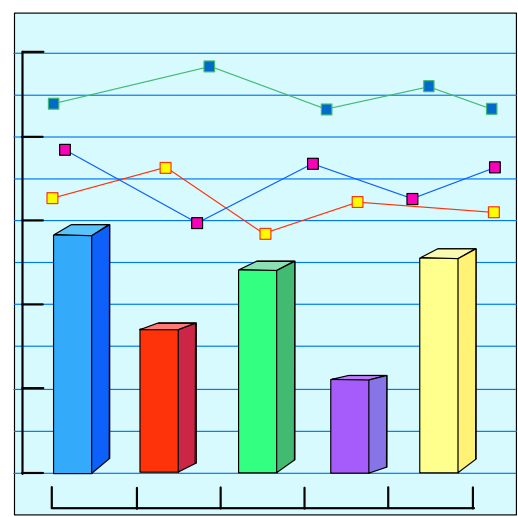
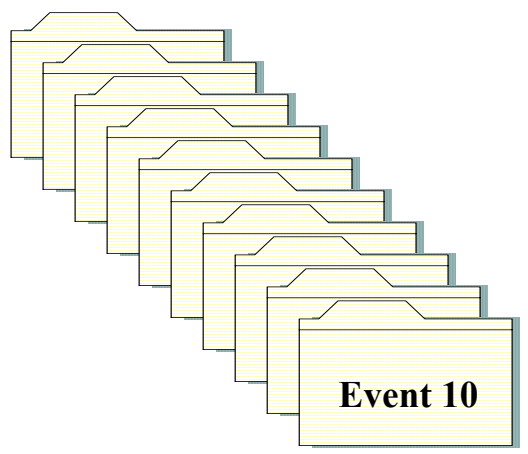
... you must link the pieces together  
to create an **Event**.

# The new CIDR view



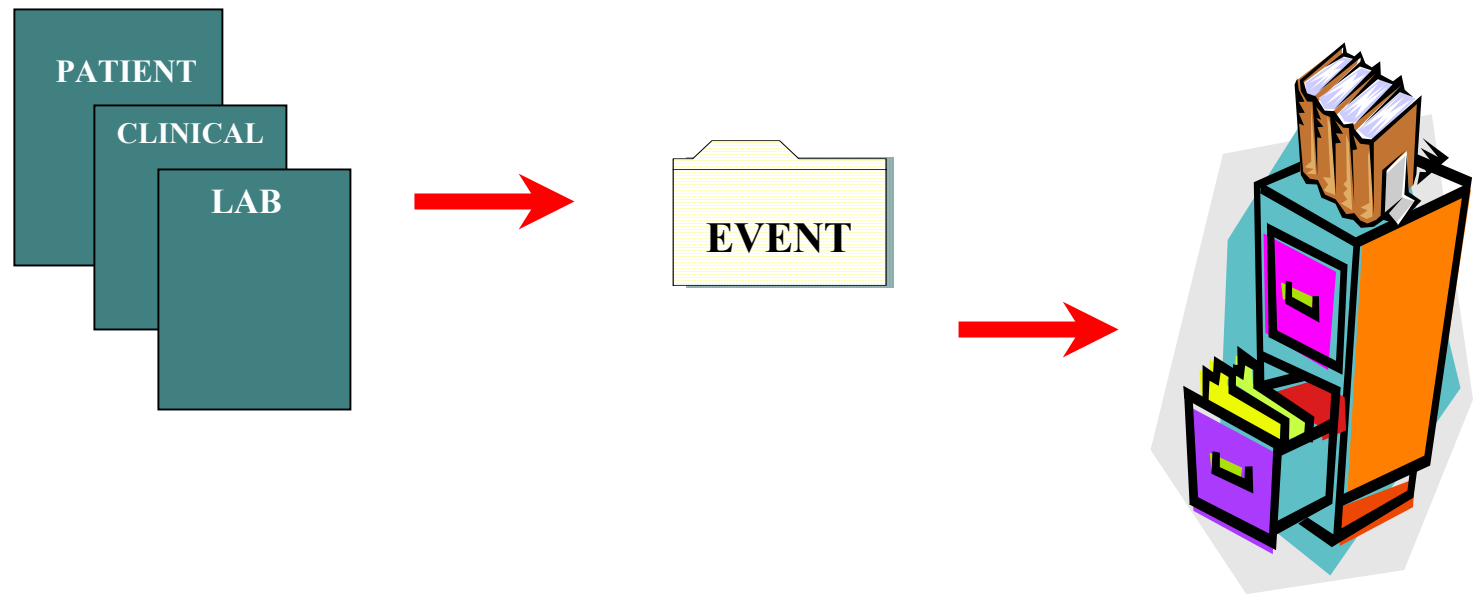
An **Event** consists of one or more Clinical Notifications and/or Laboratory Results relating to a single episode of a disease in a single patient.

# The new CIDR view



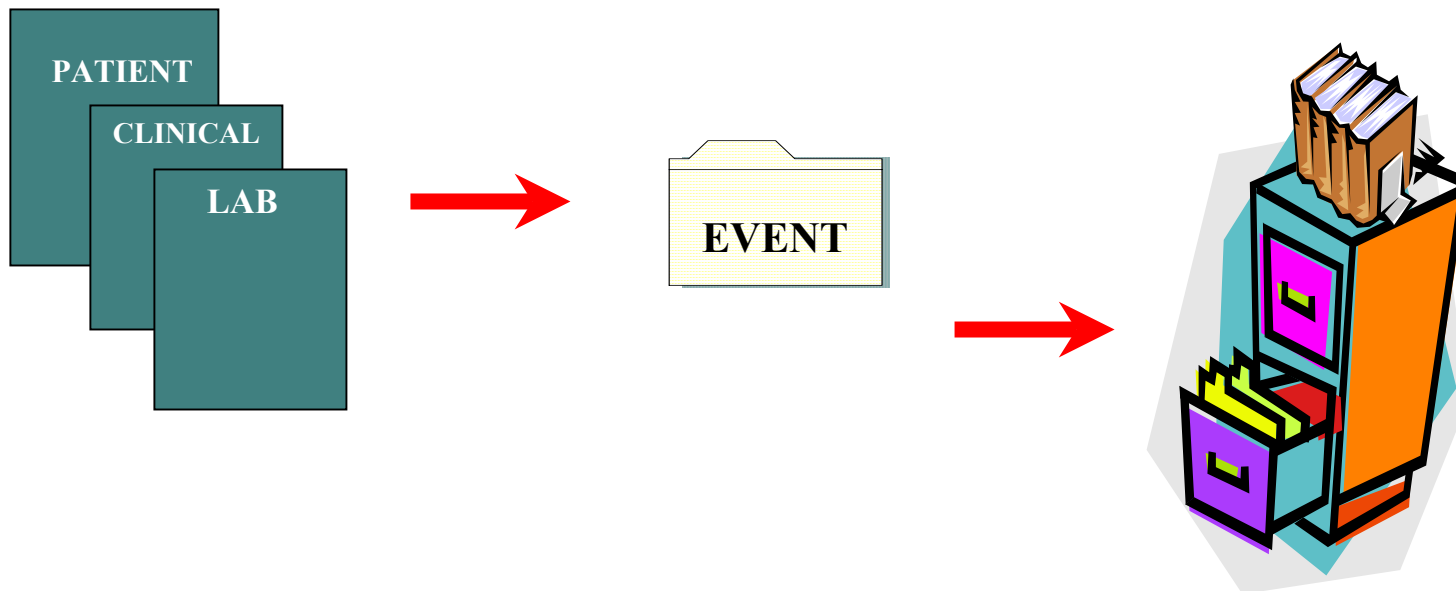
**Events** drive the majority of Reports.  
They're the cornerstone of the system

# The new CIDR view



... **Master Files** are needed so that the system can **interpret** data entered in the core repository

# The new CIDR view

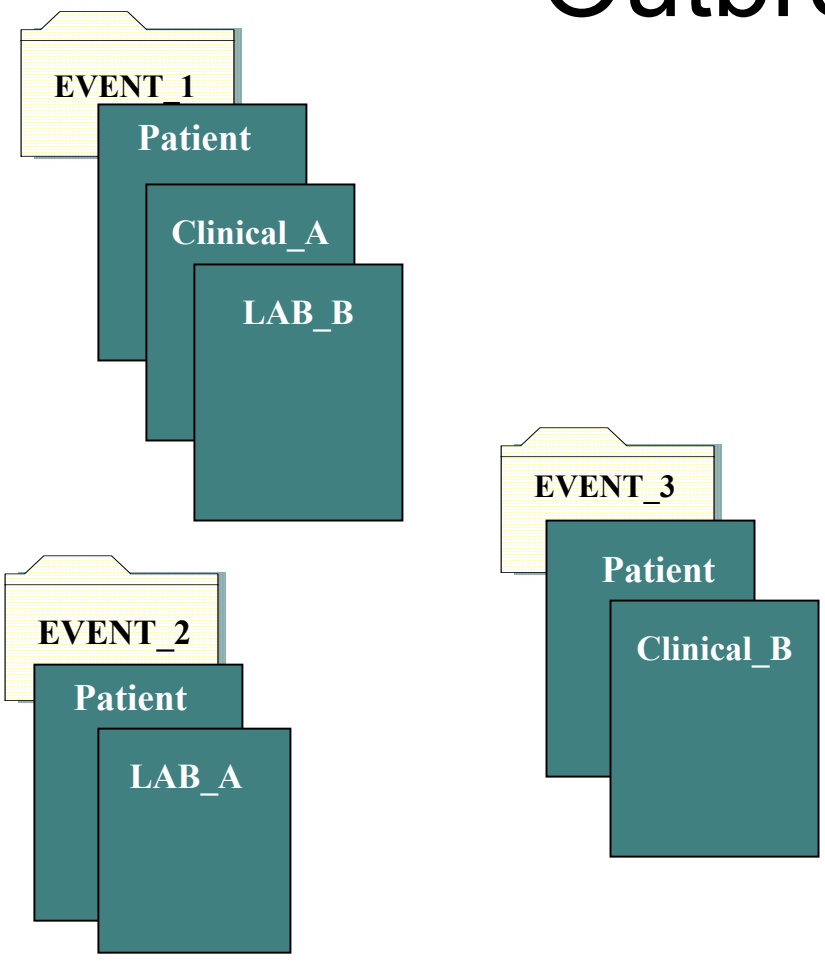


**Diseases; Health Boards; CCAs; Notifiers**

**Enhanced surveillance questions and answer types**

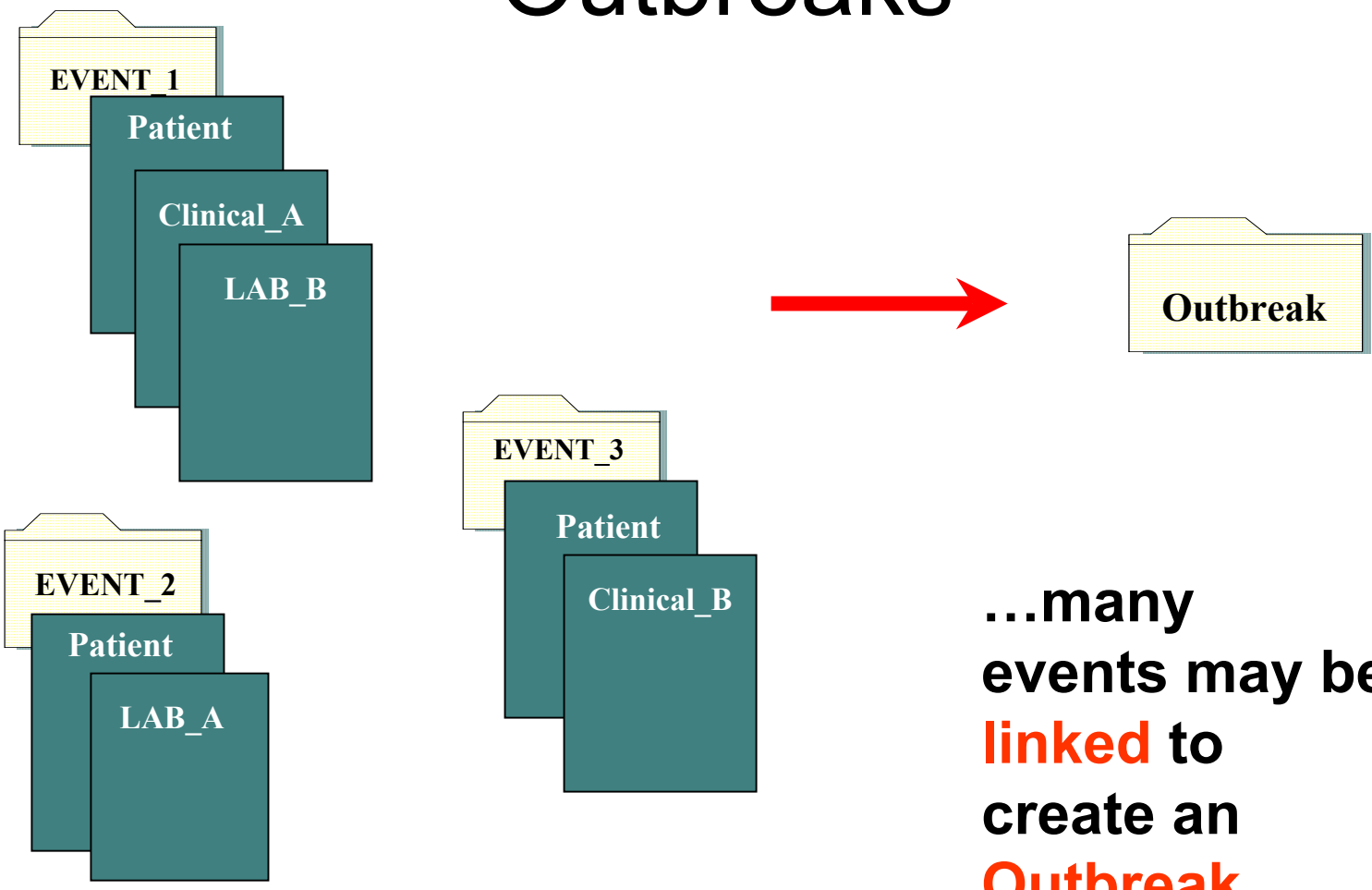
**Laboratories; Tests and test methods etc.**

# Outbreaks



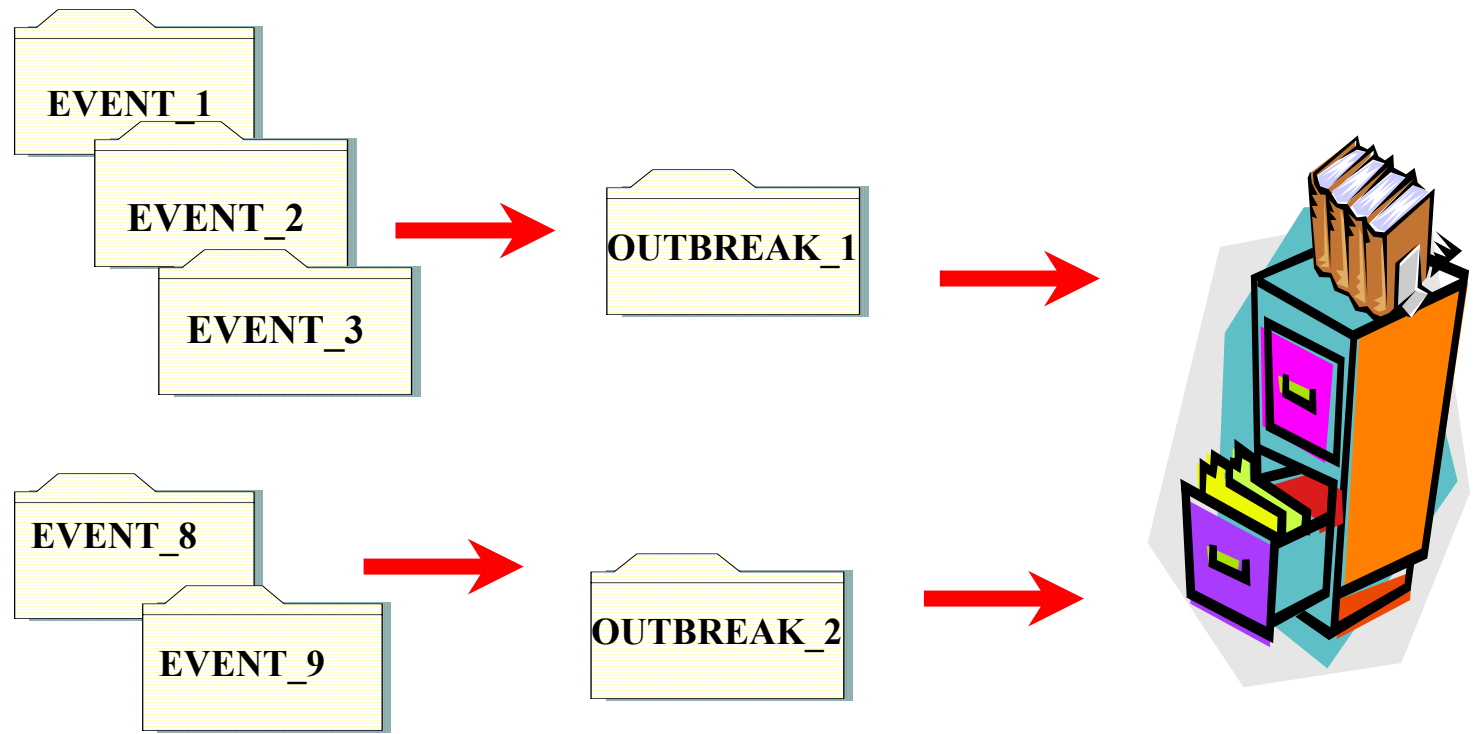
... the concept of **linking** applies across the whole system

# Outbreaks

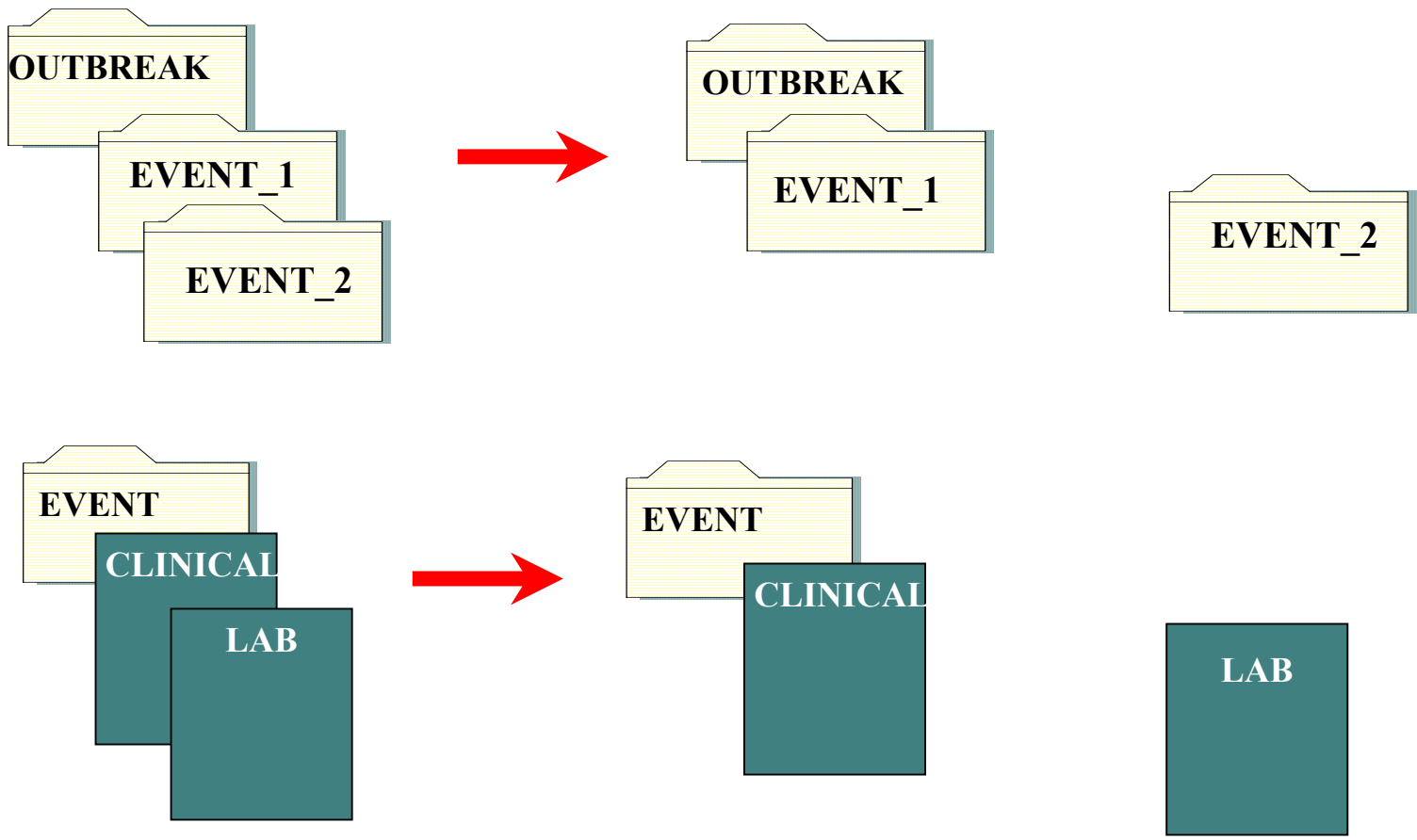


...many events may be **linked** to create an **Outbreak**

# Outbreaks



# Unlinking



**Unlinking** similarly applies across the whole system.

# Key CIDR concepts



- **Structured** information
- **Linked** together
- Integrated in a single **Core Repository**
- Interpretable with the right **Master Files**

# Agenda

- Overview of the CIDR Concepts
- Introduction to CIDR application and reporting
- Illustrations
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# Security and Access

- You need
  - Access to the government VPN
  - A user account
  - An RSA token
- Access is determined by role, location and disease



# CIDR Home Page

- The options at the top of the page will depend on your access
- Pathway appears at the top left of the screen
- User name and date at the top right of the screen
- Tab at the top right of the screen displays the general area of application

# CIDR Home Page

- To create an Event you move from left to right across the screen
- Patients will only exist in CIDR as long as there are active records linked with that patient
- De-activation is the CIDR version of delete

# Clinical Notification

- **New** – add a new clinical record
- **Link** – link a record to a CIDR patient
- **Unlink** – unlink a record from a CIDR patient
- **De-activate** – de-activate a CIDR record
- **Re-assign** – re-assign a record to another HB
- **Import Sentinel File** – upload the clinical sentinel file from the ICGP

# Laboratory Result

- **New Diagnostic** – create a new Diagnostic result
- **New AMR** – create a new AMR result
- **Management** – results can be updated, verified, authorised or de-activated
- **Create from LIMS** – upload LIMS file
- **Import Sentinel File** – upload the lab sentinel file from the VRL
- **Import AMR** – upload AMR records

# Event

- **Create/Link** – create a new Event or link records to existing events
- **De-activate** – de-activate events
- **Re-activate** – re-activate events
- **View EHO Events** – view events made visible to the EHO
- **Unlink records** – unlink records from events
- **Re-classify** – re-classify an event e.g. from AIG to Campylobacter infection

# Outbreak


- **Create without Events** – create an outbreak before linking any events to it
- **Link Events** – link events to an outbreak
- **Update** – update outbreaks
- **Unlink Events** – unlink events from outbreaks
- **De-activate** – de-activate outbreaks

# Patient

- **Merge** - merge two patient records that refer to a single patient

# Prompt

- **Create** – create a new manual prompt
- **Manage Prompt list** – allows you to view, print, close and add comments to prompts.

There is also a prompts summary on the home page. The prompt list can be accessed from the drill-down button. 

# Master File

Four type of master files

- Reference Data
- Transform Reference Data
- Outbreak\Disease Enhanced Data Questions
- Transform ICGP Reference Data

# Master File

## Examples of master files

- Notifiers; Diseases; CCAs
- Antibiotic codes used by each lab in their LIMS
- Disease specific enhanced questions
- Gender codes used by ICGP

# Period End

- **Close period** – allows CCAs to make returns, including Null returns

# Reporting

- **Reports** – brings the user to Webl, the web version of BusinessObjects.

User can...

- Run and refresh pre-written reports
- Create new reports

# Help

- **About CIDR** – provides basic information on CIDR
- **About NDSC** - provides basic information on CIDR
- **Help on CIDR** – opens the CIDR user manual

# CIDR Demo Illustration

training  
illustration

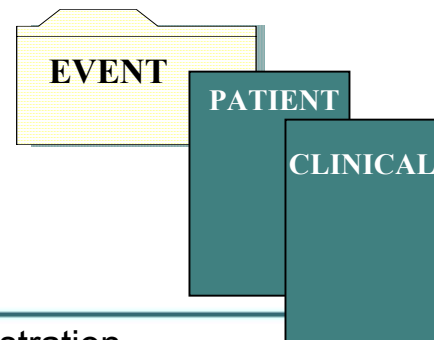
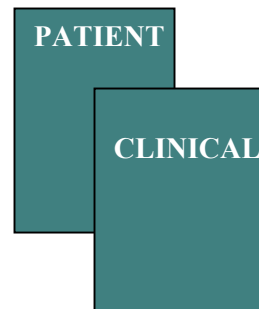
Aoife Cullen

- Meningococcal Disease
- initial phone call from GP



# Aoife Cullen – GP phonecall

1. Search for Aoife Cullen
2. Enter patient details
3. Enter clinical and core details
4. Link the CIDR clinical record with a new Event



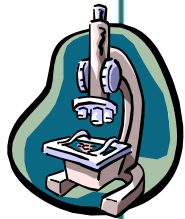
# CIDR Demo Illustration

training  
illustration

Aoife Cullen

- Lab notification of *Neisseria meningitidis*

# Aoife Cullen – Lab Result



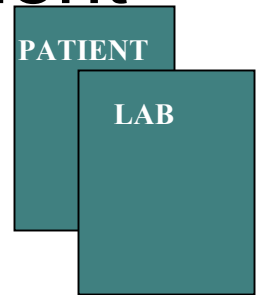
1. Enter lab result, including patient details
2. View and Authorise the result

LAB  
incl. Pt details

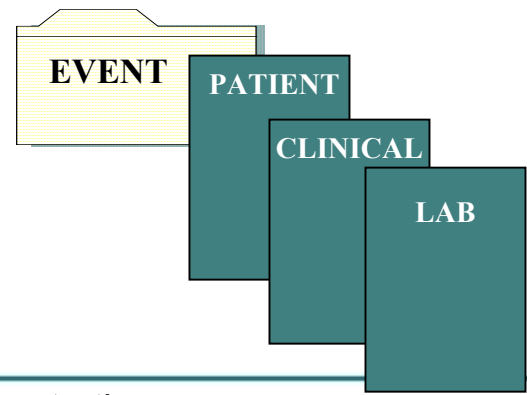


# Aoife Cullen – Lab Result

3. Link lab record with CIDR patient



4. Link the lab record with the Event of Meningococcal disease for our patient



# CIDR Demo Illustration

training  
illustration

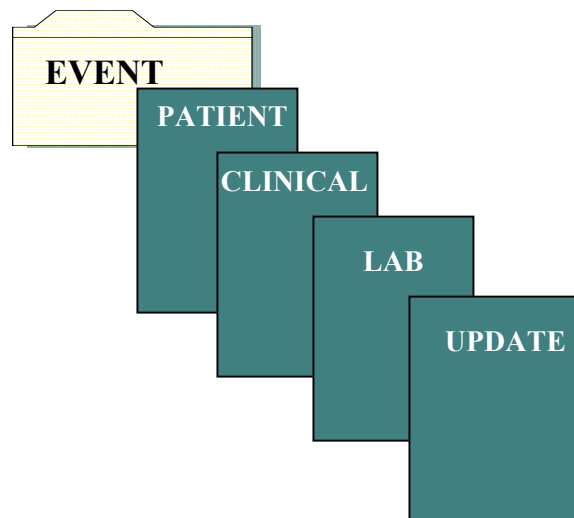
Aoife Cullen

- Pat 1 of enhanced form



# Aoife Cullen – Enhanced Form

1. Select Event to update
2. Update the enhanced questions in the Event



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**... hands-on exercises**

# Exercises

- Laptops available downstairs
- 2 tokens at each: lab and clinical
- 4 exercises
- User accounts have been assigned for demonstration purposes only. Each user will receive their own token for the live system.

CIDR team are on hand to answer any questions!

# CIDR Demonstration



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