



## From the conference brochure:

The SACT chemotherapy data collection system has been running for just over a year and now has data on 100,000 thousand patients and 1,000,000 individual drug records. We have already produced reports which are having a real and positive affect on patient's treatment as well as analysing other data such as cancer patients body surface area (which is used to determine drug dosage and is different from that of healthy people).

The system is considered to be a great success and is being used as a model for other similar programmes.

The reasons for this success aren't just because hospital data submission is mandatory; in this workshop we hope to share some of our 'learning outcomes' from the project including:-

The workshop abstract / invitation in the brochure says :-

we hope to share some of our 'learning outcomes' from the project including :-

- ensuring the data collected is relevant to a patient's treatment and outcomes
- use of the latest computer technology to give instant feedback of results

leading to better data quality

- close collaboration with the people who submit the data so that it doesn't impede on their day jobs
- producing relevant, clinician led analysis which engages the hospital teams and encourages them to make the system better

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CiU Chemotherapy Intelligence Unit

Quick Introduction

What is SACT?
How does it work?

What have we learnt about helping our users?

Technical Helpdesk

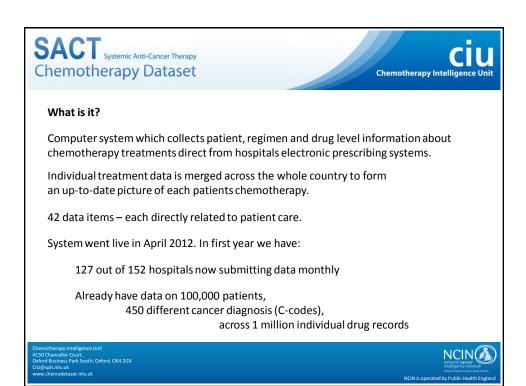
Analytical

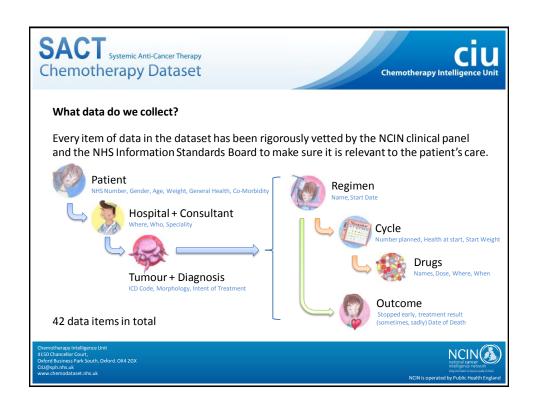
Implications / Future

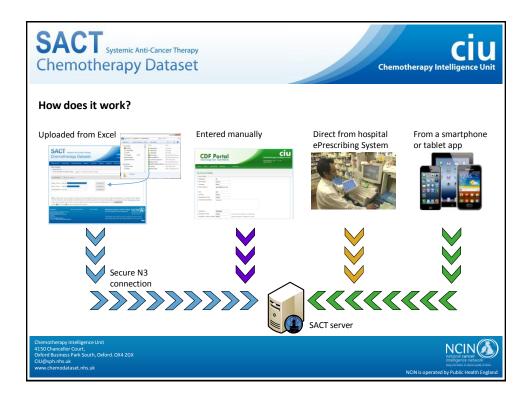
Live data – patients are (still) alive, our duty of care Use in other areas – diabetes, strokes

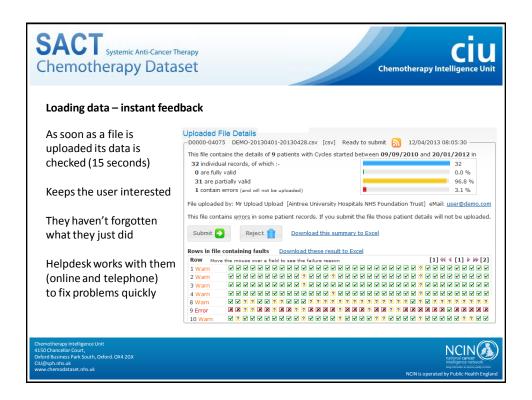
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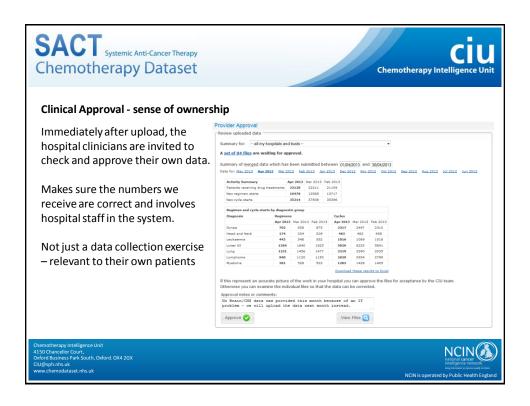


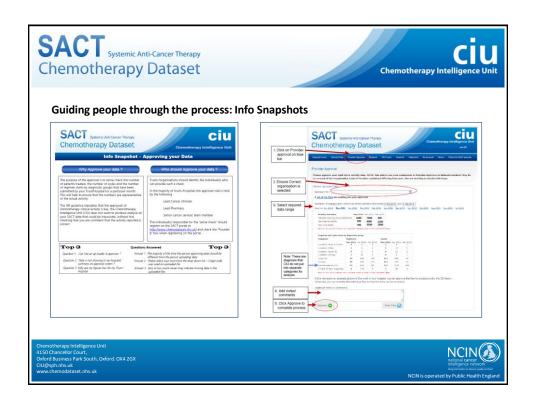


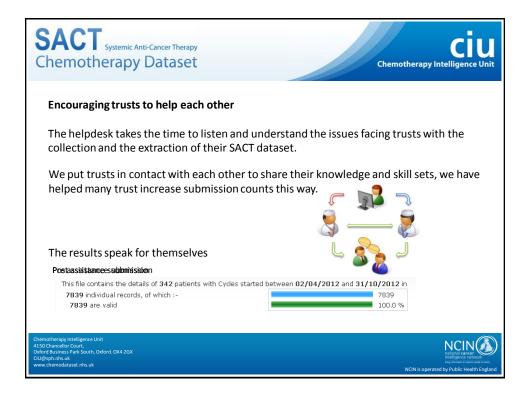














We noticed date sequence problems so we used our 'agile development process' to implement a data checker fix for future uploads.

Contacted the affected hospitals to get data fixed.

| Patient | Date of<br>Birth | Regimen Name | Start Date of<br>Regimen | Start Date<br>of Cycle | Drug<br>Administration<br>Date |
|---------|------------------|--------------|--------------------------|------------------------|--------------------------------|
| 1       | 01/04/1984       | FEC          | 15/04/2012               | 15/04/2012             | 01/04/2012                     |
| 2       | 31/09/2012       | PACLITAXEL   | 04/09/2012               | 04/09/2012             | 04/09/2012                     |
| 2       | 31/03/2012       | FACLITAXLE   | 04/03/2012               | 04/03/2012             | 04/03/2012                     |

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