



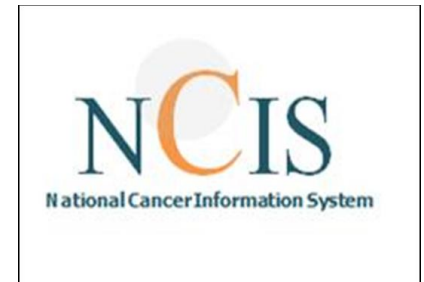
National Cancer Information System, Ireland – Configuring a National Drug File and Regimen Library

Caoimhe O'Leary

2nd July 2022

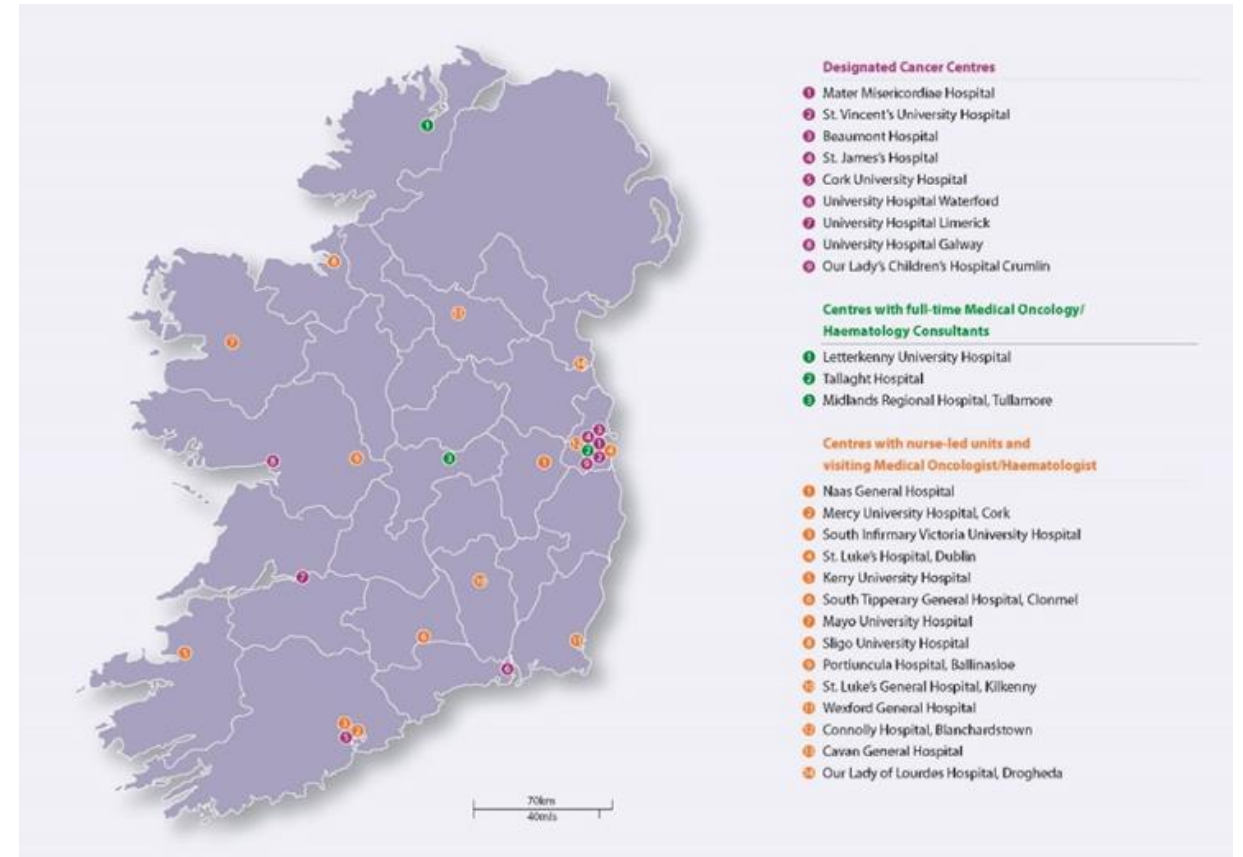
Topics

- NCIS Vision and Overview
- NCIS Drug File and Regimen Library Configuration
 - Governance
 - Scope
 - Build and validation process
 - Testing
 - Review and apply learning for continuous improvement



Irish Cancer Services

- 9 designated cancer centres
 - 8 adult
 - 1 paediatric
- Population ~ 5.1m
- NCIS will be implemented in 26 hospitals providing systemic anti-cancer therapy (SACT) services
- To date, NCIS has been implemented in 7 hospitals



NCIS Vision

Provision of a patient-centred, longitudinal, and accessible care record to ensure that the right information is available at the right time and in the right place to ensure safe and effective chemotherapy planning (MDM), prescribing, administration and bed/chair management.

NCIS Drug File and Regimen Library - Background

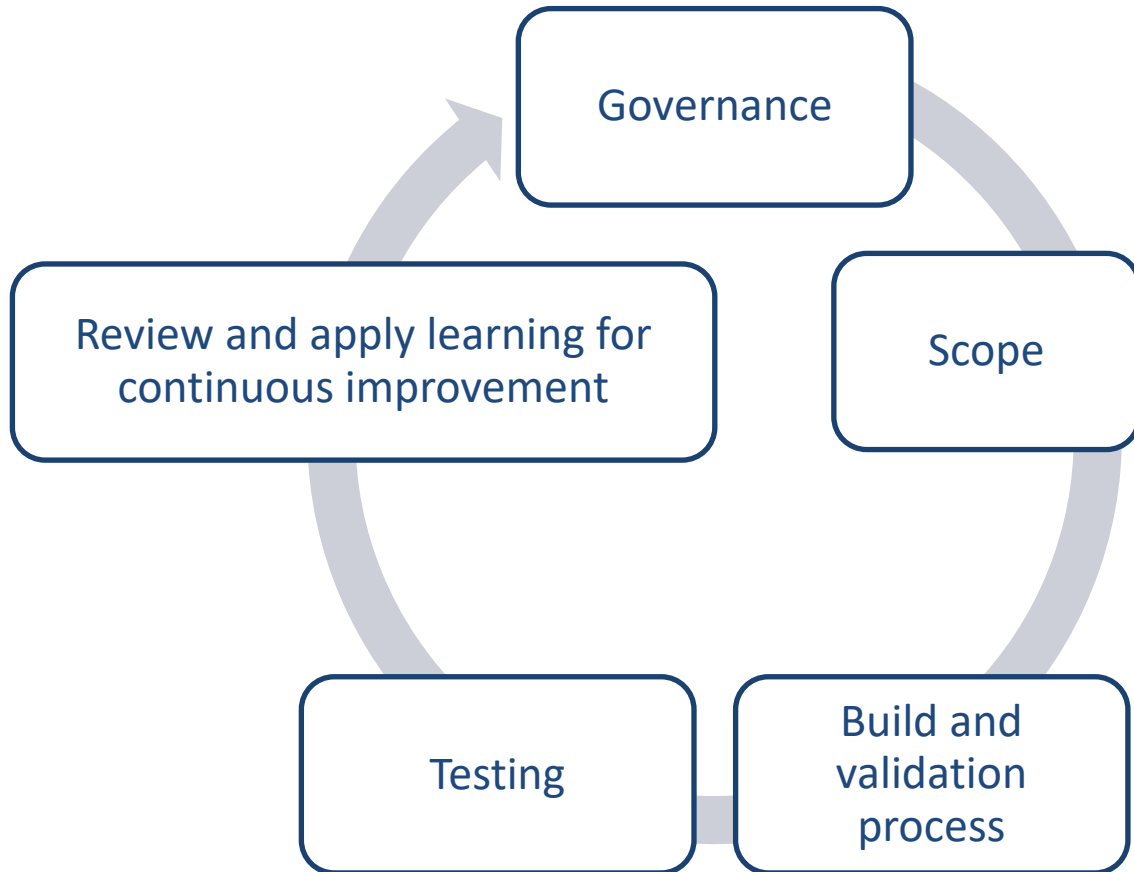
Data in drug file underpins the preparation, dispensing and prescribing modules of NCIS

- In the absence of an existing national drug file, a bespoke drug file needed to be built
- >150 fields available for completion

National Chemotherapy Regimens

- Central process
- Currently >400 regimens (and growing)
- Paper → electronic
- <https://www.hse.ie/eng/services/list/5/cancer/profinfo/chemoprotocols/>

NCIS Drug File and Regimen Library - Governance and Scope



The project Implementation Group approved the governance of the build and maintenance phases:

- Build approach
- Change management processes
- Data standardisation
- Data definition

NCIS drug file underpins the regimen build and includes:

- Parenteral SACT, oral SACT, supportive medications, infusion fluids

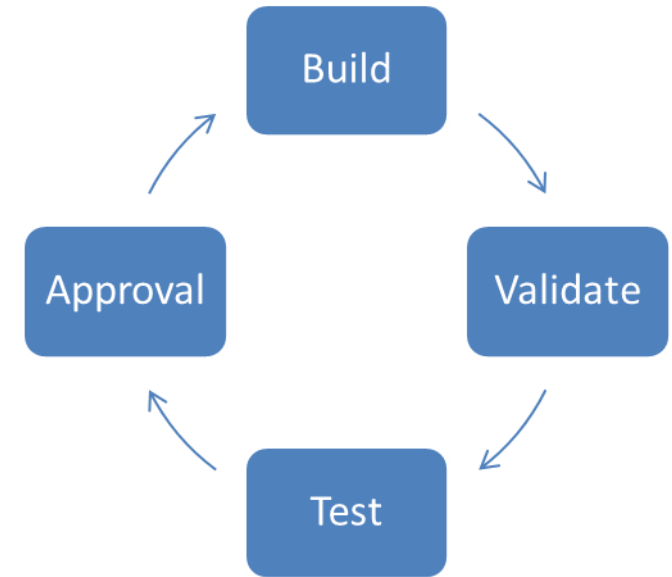
NCIS Drug File and Regimen Library – Build, Validation and Testing

Quality assurance:

- Multi-step build, validation, testing and approval process
- Validation against standard reference sources
- Standardised testing template for regimens
- Unit testing e.g. drug file stabilities

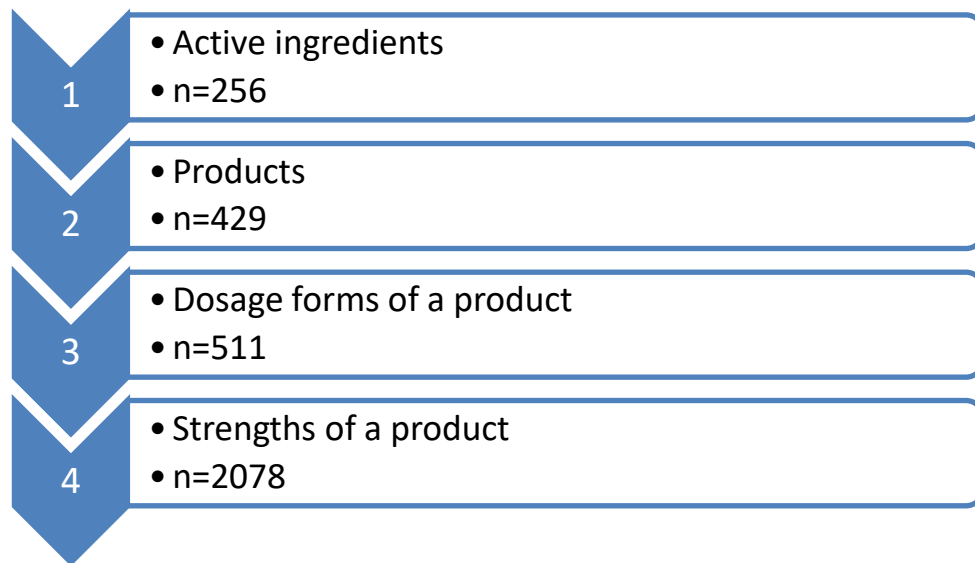
NCIS quality improvement cycle

- Learning from build and testing phases
- Feedback from hospital users e.g. decision support in regimens

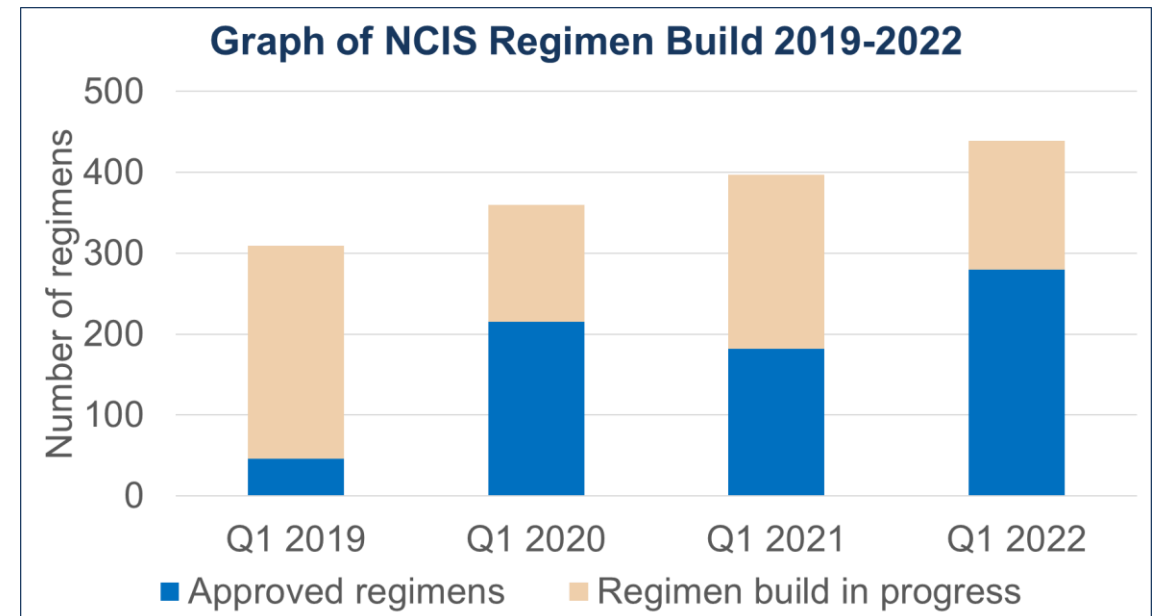


NCIS Drug File and Regimen Library Configuration

Drug File



Regimen Library



Thank you. Questions?

We are introducing
NCIS in our hospital

NCIS
National Cancer Information System

A single national electronic record of your
cancer diagnosis and chemotherapy treatment

Tel: 01 828 7140
NCIS@cancercontrol.ie
@hseNCCP
www.hse.ie/cancer/ncis
www.ehealthireland.ie/cancercare

nccp National Cancer Control Programme **HE** Seirbhís Sláinte Níos Fearr & Forbairt Building a Better Health Service

Working towards
integrated cancer care

NCIS
National Cancer Information System

A single national electronic record of your
cancer diagnosis and chemotherapy treatment

Tel: 01 828 7140
NCIS@cancercontrol.ie
@hseNCCP
www.hse.ie/cancer/ncis
www.ehealthireland.ie/cancercare

nccp National Cancer Control Programme **HE** Seirbhís Sláinte Níos Fearr & Forbairt Building a Better Health Service