WELSH INFORMATION STANDARDS BOARD

DSC Notice:	DSCN 2022 / 02 (AMD)
Date of Issue:	17th January 2022

Welsh Health Circular / Official Letter: N/A	**Subject:** Radiotherapy Dataset (RTDS) V6
Sponsor: Cancer Implementation Group (CIG) Welsh Government	
Implementation Date: April 2022	

DATA STANDARD CHANGE NOTICE

A Data Standard Change Notice (DSCN) is an information mandate for a new or revised information standard.

This DSCN was approved by the Welsh Information Standards Board (WISB) at its meeting on 18th November 2021.

WISB Reference: ISRN 2021 / 031

Summary:
To amend the existing Radiotherapy Data Set (RTDS) to V6 following a revision undertaken in NHS England.

Data sets / returns affected:
Radiotherapy Data Set (RTDS)

Please address enquiries about this Data Standard Change Notice to the Data Standards Team in Digital Health and Care Wales.

E-mail: data.standards@wales.nhs.uk / Tel: 029 2050 3593

The Welsh Information Standards Board is responsible for appraising information standards. Submission documents and WISB Outcomes relating to the approval of this standard can be found at:

https://nhswales365.sharepoint.com/sites/DHC_DST/Lists/Information%20Standards%20Assurance%20Submission%20Log/AllItems.aspx

DATA STANDARD CHANGE NOTICE

Introduction

The Radiotherapy Dataset (RTDS) standard is an existing standard that, since 2009, required all NHS providers of radiotherapy services in England and Wales to collect and submit standardised data monthly against a nationally defined dataset.

The purpose of the standard is to collect consistent and comparable data across all NHS providers of radiotherapy services in England and Wales in order to provide intelligence for service planning, commissioning, clinical practice and research and the operational provision of radiotherapy services across England and Wales.

Until March 2016, the management and delivery of the RTDS Dataset was the responsibility of the National Clinical Analysis and Specialised Applications Team (NATCANSAT), based at The Clatterbridge Cancer Centre NHS Foundation Trust.

Public Health England (PHE) took full responsibility from NATCANSAT for RTDS V5 with effect from 1 April 2016.   PHE was responsible for the national collection of the Cancer Outcomes and Services Dataset (COSD) and the Systemic Anti-Cancer Therapy Dataset (SACT) both of which are national cancer information standards within NHS England managed by the National Disease Registration Service (NDRS) which allow greater integration of the management, collection, quality assurance and analysis of radiotherapy data alongside the other major national cancer datasets.

As a result of reforms to the public health system in England, as set out in Policy Paper 'Transforming the public health systems: reforming the public health system for the challenges of our times', published on 29 March 2021, as of 1 October 2021 PHE ceased to exist and the National Disease Registration Service (NDRS) has been transferred to the Health and Social Care Information Centre which is known as NHS Digital (NHSD).

Only one Radiotherapy centre in Wales were submitting data to NATCANSAT. When PHE took over the responsibility of the RTDS V5 dataset, work commenced with the Welsh Cancer Intelligence and Surveillance Unit (WSICU), the National Cancer Registry, the PHE RTDS Team and the 3 cancer centres in Wales to implement the RTDS dataset within each centre in order to supply a monthly submission of data for all treated patients within the previous month. Each of the centres worked on their submission extracts (extracts different depending on RT systems used) to reach the point where they were able to submit data routinely. RTDS submissions for each centre commenced as follows:

- South West Wales Cancer Centre – April 2016 onwards
- North West Wales Cancer Centre – March 2018 onwards
- Velindre Cancer Centre – November 2018 onwards

All data is submitted monthly for the previous month of patients who have been treated e.g., Jan 2021 submissions is for patients treated December 2020.

The Radiotherapy dataset received into the WCISU, is used for the purposes of cancer registration and data linkage to enable the WCISU to provide greater health intelligence for the population of Wales.

More recently, Information Sharing Agreements have been agreed to enable WCISU to pass on these monthly submissions to Digital Health & Care Wales for inclusion within the Cancer Data Repository (CDR)/National Data Repository (NDR).

Scope

The original RTDS Dataset was mandated via a Data Standard Change Notice in 2015 (DSCN 2015/03)
http://www.datadictionary.wales.nhs.uk/#!WordDocuments/radiotherapydatasetrtds2.htm

A revision of the RTDS Dataset to V6 has now taken place within NHS England and has been mandated for use (RTDS Information Standard DAPB0111 Amd 84/2020). Wales are required to adopt RTDS V6 in its entirety to ensure the continuity of clinical data collected and the continued use of the API validation and submission portal.   The Radiotherapy system providers are developing revised extract routines to accommodate this new standard which each cancer centre will need to implement within their existing software, in order to continue to collect unified data across countries to satisfy the clinical need.

RTDS V6 will be used by all NHS providers of Radiotherapy services in Wales and in private facilities where the delivery of RTDS is commissioned by an NHS organisation.

All NHS providers have access to Cancer Stats 2, a data reporting platform requiring a N3 connection to monitor their activity and compare with other centres across England and Wales. Examples of reports available include:
- Files submitted status
- Events activity (Attendances/Episodes/Prescriptions/
- Radiotherapy machine usage reports
- Intensity modulated radiation therapy (IMRT)
- Geography: Wales split by Radiotherapy Centre

Current data flows into DHCW will continue with no changes expected in the near future.

Description of Change

To amend the existing Radiotherapy Data Set (see
http://www.datadictionary.wales.nhs.uk/#!WordDocuments/radiotherapydatasetrtds2.htm)
to V6 following a revision undertaken in NHS England.

Data Dictionary Version

Where applicable, this DSCN reflects changes introduced by DSCN and/or DDCN since the release of version 4.15 of the NHS Wales Data Dictionary.

The changes introduced by such DSCNs will be published in version 4.16 of the NHS Wales Data Dictionary.

Proposed Timelines

The current timelines for the roll out and collection of RTDS Version 6 are as follows:

- Continued liaison with the software providers to finalise date for publishing submission formats and any additional information on changes to be made to provider systems
- October to January 2022 – RTDS team, NDRS to continue to work with the software providers on finalising the import portal and extraction tool

- January/February 2022 – a series of events (webinars, workshops, on-site visits) explaining RTDS V6 hosted by RTDS team, NDRS
- April to June 2022 – three month soft launch across NHS England & Wales to allow providers to test their data and transition to V6. The 'go live' window for data on patients' treatments will be April to June 2022 (for May to July 2022 submissions).

NOTE: The timescales outlined above are proposed timelines only and may be subject to change. Prior to April 2022, each Centre will be required to confirm dates for transition from RTDS V5 to RTDS V6. Each Centre should continue with monthly submissions of RTDS V5 until they have transitioned across and implemented RTDS V6. Only once all Centres have implemented RTDS V6 will the RTDS V5 data standard be retired.

Actions Required

The RTDS V6 schema was published 20th July 2021. See attached RTDS V6 Dataset Final Wales in the Official Documentation section below.

Instructions on how to configure Record and Verify systems have not yet been issued. In anticipation of RTDS V6 being approved in NHS England, the RTDS Team at NDRS started working with the two more common Record and Verify software suppliers, Varian and Elekta, some time ago. Varian and Elekta kindly agreed to begin evaluating the design and working on documentation prior to approval. As such, draft schemas have been in production for some time, and publication dates will be announced shortly.

The expectation is that providers will be able to implement RTDS V6 with the software they currently have in place; upgrades should not be required in the short term. For users of ARIA, there will be an optional upgrade to allow for the capture of SNOMED CT codes for the clinical diagnosis.

Official Documentations and Details of Change

RTDS V6 approved documentation (to be adopted in Wales)

RTDS V6 Final Wales dataset:

RTDS_Dataset_v6_0_Fi
nal_Wales.xlsx

RDTS User Guide:

DAPB0111_RTDS_Us
er_Guide (1).pdf

RTDS Technical Document:

DAPB0111_RTDS_Te
chnical_Guide (1).pdf

Prominent Changes with RTDS V6:

RTDS version 6
prominent changes.