NHS
Kent and Medway
Cancer Collaborative

COSD - Core QRG

Cancer Outcomes and Services Dataset (COSD) - Core

The core dataset containing details for generic data items to be collected for all tumours where applicable.

This QRG is designed to assist users to locate the fields within Infoflex where data for each COSD item is to be entered. Where there are slight variances in the location of fields between Infoflex Version 5 and Version 6, these have been noted against the data item.

In some sections a choice is required on the data that is submitted. If users require further information on which choice to select, they can refer to the Cancer Outcome and Services Data set (COSD) - User guide, which can be found by searching the NCRAS website: (http://www.ncin.org.uk/collecting_and_using_data/data_collection/cosd)

Key		Description
M	Mandatory	This data item must be included in the relevant section of the schema when submitting an XML file. The file will fail the validation process if other data items are included in a section which does not contain the mandatory items.
R	Required	This data item must be included in the relevant section of the schema where relevant or applicable. However, the file will not fail the validation process if this item is omitted.
O	Optional	This data item is optional and may be submitted at the discretion of the submitting organisation and their commissioners as required for local purposes.

Pathway Choice (one of the following Cancer Pathway sections must be provided per record)				
Data Item	Event	Panel	Field Name	M/R/O
Choice 1 – Primary Pathway				
CR0370	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0370: Primary Diagnosis (ICD)	M
CR0380	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0380: Tumour Laterality	M
CR2030	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR2030: Date of Diagnosis (Clinically Agreed)	M
Choice 2 – Non Primary Pathway				
CR6500	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR6500: Date of Non-Primary Diagnosis (Clinically Agreed)	M
If Choice 2 – Non Primary Pathway, the appropriate option from the next table must be provided				

Non Primary Pathway Choice (one of the following Core Diagnosis sections must be provided per record)				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
Choice 1 – Recurrence				
CR7100	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0370: Primary Diagnosis (ICD)	R
CR6520	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR6520: Cancer Recurrence or Metastatic Disease Type	M
CR1590	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR1590: Metastatic Site (at Diagnosis)	M
CR1550	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR1550: Palliative Care Specialist Seen Ind. (Cx Recurrence)	R
CT7190	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CT7190: Relapse Method of Detection	R

Choice 2 - Progression				
CR6900	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0370: Primary Diagnosis (ICD)	M
CR6520	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR6520: Cancer Recurrence or Metastatic Disease Type	M
CR1590	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR1590: Metastatic Site (at Diagnosis)	M
Choice 3 - Transformation				
CR7200	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR7200: Transformation Date (Primary Pathway)	R
CR7210				R
If Choice 3 – Transformation, the appropriate Current Morphology Choice must be provided from below				
Current Morphology Choice 1				
CR7010	Cancer Care Plan/MDT	MDT Discussion / Care Plan	Morphology (ICD-0-3) Transformation	M
Morphology Choice 2				
CR7000	Cancer Care Plan/MDT	MDT Discussion / Care Plan	Morphology (SNOMED) Transformation	R
CR7030				

Referrals and First Stage of Patient Pathway

Data Item	Event	Panel	Field Name	M/R/O
CR1600	Referral Event	Referral Details	CR1600: Source of referral for Out-Patients	R
CR0230	Referral Event	Referral Details	CR0230: Date First Seen	R
CR7300/CR8200	Referral Event	Referral Details	Professional Registration Issuer Code – Consultant (First Seen) This item is derived from the Consultant Dictionary	M
CR7310	Referral Event	Referral Details	COSD - Consultant GMC Code (First Seen) This item is derived from the Consultant Dictionary	M
CR1410	Referral Event	Referral Details	CR1360: Site Code (Provider First Seen)	R
CR1360	Referral Event	Referral Details	CR1360: Date First Seen (Cancer Specialist)	R
CR1400	Referral Event	Referral Details	CR1400: Site Code (First Cancer Specialist)	R
CR2000	Referral Event	Referral Details	Symptoms First Noted	R/O

Referral details – Non Primary

CR0300	CRS/CRDS/NCDS/DAHNO/LUCADA/NBOCAP - Diagnosis & First Definitive Treatment	Diagnosis Detail	Source of Referral for Non Primary Cancer Pathway This item is derived from CR6500 Date of Non-Primary Diagnosis (clinically Agreed) and will automatically populate with CR1600: Source of Referral for Out-Patients	R
CR7400	Referral Event	Referral Details	Date First Seen (Non-Primary) This item is derived from CR6500 Date of Non-Primary Diagnosis (clinically Agreed) and will automatically populate with CR0230/CR7400: Date First Seen.	R
CR7410	Referral Event	Referral Details	Org First Seen (Non-Primary) This item is derived from CR6500 Date of Non-Primary Diagnosis (clinically Agreed) and will automatically populate cr1410/7410: Site Code (Provider First Seen)	R

Imaging Details

Data Item	Event	Panel	Field Name	M/R/O
CR0310	V5: Imaging Event	Imaging Details	CR0310: Site Code (of Imaging)	M
	V6: Investigations	(Add) Imaging		
CR0320	V5: Imaging Event	Imaging Details	CR0320: Procedure Date (Cancer Imaging)	M
	V6: Investigations	(Add) Imaging		
CR6780	V5: Imaging Event	Imaging Details	CR6780: Imaging Outcome	R
	V6: Investigations	(Add) Imaging		

Imaging Location Choice -the appropriate option from the following must be submitted				
Imaging Location Choice 1				
CR1610				
Imaging Location Choice 2				
CR3110				
Imaging Location Choice 3				

CR0330	V5: Imaging Event	Imaging Details	CR0330: Cancer Imaging Modality	M
	V6: Investigations	(Add) Imaging		
CR0340	V5: Imaging Event	Imaging Details	CR0340: Imaging Anatomical Site	R
	V6: Investigations	(Add) Imaging		
CR3000	V5: Imaging Event	Imaging Details	CR3000: Anatomical Side (Imaging)	R
	V6: Investigations	(Add) Imaging		
End of Imaging Location Choices.				
CR0160	V5: Imaging Event	Imaging Details	CR0160: Imaging Report Text	R
	V6: Investigations	(Add) Imaging		
CR0350	V5: Imaging Event	Imaging Details	CR0350: Lesion Size (Radiological)	R
	V6: Investigations	(Add) Imaging		

Diagnostic Procedures

Data Item	Event	Panel	Field Name	M/R/O
CR7500	V5: Referral Event	Diagnostic Procedures	COSD - Organisation Site Identifier (Diagnostic Procedure)	M
	V6: Investigations	(Add) Diagnostic Procedure		
CR7510	V5: Referral Event	Diagnostic Procedures	COSD - Organisation Site Identifier (Diagnostic Procedure)	M
	V6: Investigations	(Add) Diagnostic Procedure		
Diagnostic Procedures Choice – the appropriate option from the following must be submitted				
Diagnostic Procedures Choice 1				
CR7520	V5: Referral Event	Diagnostic Procedures	COSD - CR - Procedure 1 - OPCS Code	M
	V6: Investigations	(Add) Diagnostic Procedure		
Diagnostic Procedures Choice 2				
CR7530			Not in Infoflex ?Not appropriate for KMCC?	M

End of diagnostic procedures choices				
CR7540	V5: Referral Event	Diagnostic Procedures	COSD - CR - Sentinel Node Biopsy Outcome	R
	V6: Investigations	(Add) Diagnostic Procedure		

Diagnosis				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR6230	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR6230: Site Code (of Diagnosis)	R
CR0390	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0390: Basis of Diagnosis	R
CR0180	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0180: Morphology (ICD-0-3)	R
CR6400	Diagnosis & 1st Definitive Treatment	Diagnosis Details	Morphology (SNOMED)	M
CR6490	Diagnosis & 1st Definitive Treatment	Diagnosis Details	COSD - SNOMED Version This item is derived from Morphology (SNOMED)	M
CR0480	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0480: COSD - Topography (ICD-O-3)	R
CR0410	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0410: Grade of Differentiation (at Diagnosis)	R
CR0510	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0510: WHO Status at Diagnosis	R
CR6830	Diagnosis & 1st Definitive Treatment	Diagnosis Details	COSD - Primary Diagnosis (SNOMED CT) This item is derived from Primary Diagnosis (ICD)	R
CR6960/CR6520	Diagnosis & 1st Definitive Treatment	Diagnosis Details	Cancer Recurrence or Metastatic Disease Type	M

			This item is conditional from Diagnosis Type.	
CR6970/CR1590	Diagnosis & 1st Definitive Treatment	Diagnosis Details	Cancer Recurrence or Metastatic Disease Type This item is conditional from Diagnosis Type.	M
CR7600	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR7600: Primary Diagnosis Subsidiary Comment	R
CR7610	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR7610: Secondary Diagnosis (1-3)	R
CR7620	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR7620: Other Significant Diagnosis Subsidiary Comment	R
CR7630	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7630: Familial Cancer Syndrome	R
CR7640	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7640: Familial Cancer Syndrome Subsidiary Comment	R
CR6960/CR6520	Diagnosis & 1st Definitive Treatment	Diagnosis Details	Cancer Recurrence or Metastatic Disease Type This item is conditional from Diagnosis Type.	M
CR6970	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR1590: Metastatic Site (at Diagnosis)	M
CR6910	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR6910: Progression Date (Primary Pathway) Conditional Item – Progression of transformation must equal P – Yes – Progression	M
CR7020	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR7020: Transformation Date (Primary Pathway) Conditional Item – Progression of transformation must equal T – Yes - Transformation	M

Diagnosis Transformation Morphology Choice - the appropriate option from the following must be submitted				
Diagnosis Transformation Morphology Choice 1				
CR7010	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR0180/CR7010: Morphology (ICD-O-3)	M
Diagnosis Transformation Morphology Choice 2				
CR7000	Cancer Care Plan/MDT	Transformation (B)	CR7000: Morphology (SNOMED) Transformation	M
CR7030	Cancer Care Plan/MDT	Transformation (B)	CR7030: SNOMED Version (Transformation)	M
End of Diagnosis Transformation Morphology Choices				
CR7700	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7700: Banked Tissue at Diagnosis	R
CR7710	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7710: Type of Tissue Banked at Diagnosis	R

Person Observation

Data Item	Event	Panel	Field Name	M/R/O
CR6430	Person Observation	Person Observation	CR6430: Height (m)	R
CR6440	Person Observation	Person Observation	CR6440: Weight (Kg)	R
CR6450	Person Observation	Person Observation	CR6450: Body Mass Index	R
CR6460	Person Observation	Person Observation	CR6460: Date Observation Measured	M
DOES NOT EXIST IN V6 CURRENTLY. WR RAISED WITH CIVICA 31/08/2021				

Clinical Nurse Specialist + Risk Factor Assessment

Data Item	Event	Panel	Field Name	M/R/O
CR2050	Diagnosis & 1st Definitive Treatment	Diagnosis Details	CR2050: Clinical Nurse Specialist Indication Code	R
CR7800	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7800: Tobacco Smoking Status	R

CR7810	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7810: Tobacco Smoking Cessation	R
CR6760	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & Results	CR6760: History of Alcohol (Current)	R
CR7700	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & results	CR7700: Banked Tissue at Diagnosis	R
CR7820	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & Results	CR7820: Diabetes Mellitus Indicator	R
CR7830	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & Results	CR7830: Menopausal Status	R
CR7840	Diagnosis & 1st Definitive Treatment	Risk Factors, Observations & Results	CR7840: Physical Activity (Current)	R

Holistic Needs Assessment				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR7900	Holistic Needs Assessment	Setting up assessment	Holistic Needs Assessment Offered? Derived from other HNA items that are completed when setting up the HNA assessment.	R
CR3140	Holistic Needs Assessment	Setting up assessment	Date HNA completed	R
CR3150/CR8020	Holistic Needs Assessment	Setting up assessment	Point in Pathway Offered	R
CR7910/CR8030	Holistic Needs Assessment	Setting up assessment	Staff Role Derived from the CNS/MultiD Support Network Dictionary Name of HCP (offering/completing) field	R

Personalised Care and Support Planning				
CR8000	Holistic Needs Assessment	Setting up assessment	Care Planning Offered Derived from other HNA items that are completed when setting up the HNA assessment.	R
CR8010	HNA Care Plan	Summary and Status	Date care plan agreed	R
CR3150/CR8020	Holistic Needs Assessment	Setting up assessment	Point in Pathway Offered	R
CR7910/CR8030	Holistic Needs Assessment	Setting up assessment	Staff Role Derived from the CNS/MultiD Support Network Dictionary Name of HCP (offering/completing) field	R

Multidisciplinary Team Meetings				
Data Item	Event	Panel	Field Name	M/R/O
CR8110	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR8110: MDT Meeting Discussion Type	M
CR3080/CR0430	Cancer Care Plan /MDT	MDT Meeting Dictionary	Meeting Date	M
CR3090	Cancer Care Plan /MDT	MDT Meeting Dictionary	Location (Main Provider)	M
CR3190	Cancer Care Plan /MDT	MDT Meeting Dictionary	Meeting Type	M
CR3160	Cancer Care Plan /MDT	MDT Meeting Dictionary	CR3160: MDT Meeting Type Comment	M

Cancer Care Plan				
Data Item	Event	Panel	Field Name	M/R/O
CR3080/CR0430	Cancer Care Plan /MDT	MDT Meeting Dictionary	Meeting Date	M

CR7300/CR8200	Referral Event	Referral Details	Professional Registration Issuer Code – Consultant (First Seen) This item is derived from the Consultant Dictionary	M
CR8210	Diagnosis & 1st Definitive Treatment	Initial Care Plan Summary	CR8210: MDT Lead Clinician CR8210: GMC Code	M
CR0460	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR0460: Cancer Care Plan Intent	R
CR0470	Cancer Care Plan/MDT	MDT/Discussion / Care Plan	CR0470: Planned Cancer Treatment Type	R
CR0490	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR0490: No Cancer Treatment Reason	R
CR2060	Cancer Care Plan/MDT	MDT Discussion / Care Plan	CR2060: Co-morbidity Index for Adults	O

Molecular and Biomarkers				
CR6100	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6100: Germline Genetic Testing Offered	R
CR6110	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6110: Germline Genetic Test Offered	R
CR6120	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6120: Other Germline Genetic Test offered	R
CR6130	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6130: Date Analysis or Test Offered	R
CR6140/CR6200	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6140: Site Code of Reporting Laboratory	M
CR6150	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6150: Referral to Clinical Geneticist Offered	R
CR6170	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6170: Gene or Stratification Biomarker Analysed	R
CR6180	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6180: Other Gene or Stratification Biomarker Analysed	R

CR6190	Diagnosis & 1st Definitive Treatment	Molecular Biomarker Testing	CR6190: Date Gene/Stratification Biomarker Analysed	M
DOES NOT EXIST IN V6 CURRENTLY. WR RAISED WITH CIVICA				

Clinical Trial Details				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR1290	Clinical Trials	Clinical Trials Details	CR1290: Patient Trial Status (Cancer)	R
CR6700	Clinical Trials	Clinical Trials Details	CR6700: Clinical Trial Decision Date	R
CR6710	Clinical Trials	Clinical Trials Details	CR6710: Date Trial Started	R
CR1260	Clinical Trials	Clinical Trials Details	CR1260: Clinical Trial Treatment Type	R
DOES NOT EXIST IN V6 CURRENTLY. WR RAISED WITH CIVICA 31/08/2021				

Staging				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
TNM Final Pre-Treatment – Diagnosis & 1st Definitive Treatment Event – TNM: Final Pre-Treatment & Integrated Staging Panel. (CR0520, CR0540, CR0560)				R
CR0580				R
CR6800/CR8300	Diagnosis & 1st Definitive Treatment	TNM: Final Pre-Treatment & Integrated Staging	Org Site ID. (Final Pre-Tx) Derived from Trust Organisation Dictionary	M
CR3120/CR8310	Diagnosis & 1st Definitive Treatment	TNM: Final Pre-Treatment & Integrated Staging	Stage Date (Final Pre-Tx)	M
TNM Final Integrated – Diagnosis & 1st Definitive Treatment Event – TNM: Final Pre-Treatment & Integrated Staging Panel (CR0620, CR0630, CR0640)				R
CR0610				R
CR6810	Diagnosis & 1st Definitive Treatment	TNM: Final Pre-Treatment & Integrated Staging	CR6810: Org. Site id. (Final Integrated)	R

CR3130	Diagnosis & 1st Definitive Treatment	TNM: Final Pre-Treatment & Integrated Staging	CR3130: Stage Date (Final Integrated)	R
CR6980	Diagnosis & 1st Definitive Treatment	TNM: Final Pre-Treatment & Integrated Staging	Pre-Tx. Staging - TNM Coding Edition Via 'Update' button	M
CR2070	Diagnosis & 1st Definitive Treatment	TNM: Final Pre-Treatment & Integrated Staging	TNM Version Number Via 'Update' button	M

Treatment				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR6540	Treatment Event	Treatment Details	CR6540: Adjunctive Therapy	R
CR0680	Treatment Event	Treatment Details	CR0680: Cancer Treatment Intent	R
CR1370	Treatment Event	Treatment Details	CR1370: Treatment Start Date (Cancer)	M
CR2040	Treatment Event	Treatment Details	CR2040: Treatment Modality	M
CR1450	Treatment Event	Treatment Details	CWT1450: Org Code (Start Treat)	M
CR0660/CR8400/CR8410	Treatment Event	Treatment Details	Consultant in Charge CR8400 & CR8410 are derived from the Consultant Dictionary	M
CR8420				O
CR0740	Treatment Event	Surgical Post-Operative and Discharge Details	CR0740: Discharge Date	R
CR0750	Treatment Event	Surgical Post-Operative and Discharge Details	CR0750: Discharge Destination	R

Treatment - Surgery				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR0710	Treatment Event	Surgical Details	CR0710: Procedure Date	M
CR8500	Treatment Event	Surgical Details (B)	CR8500 Surgical Admission Type	R
CR8510/CR8520	Treatment Event	Surgical Details	Operating Surgeon CR8510/CR8520 are derived from the Consultant Dictionary	M
CR0720	Treatment Event	Surgical Details	CR0720: Primary Procedure (OPCS)	R
CR3040				
CR0730	Treatment Event	Surgical Details	CR0730: Additional Procedure (1-5)	R
CR3050				
CR6480	Treatment Event	Surgical Post-Operative and Discharge Details	CR6480: Unplanned Return to Theatre	R
CR6010	Treatment Event	Procedure and Intra Operative Details	CR6010: ASA Score	R
CR6310	Treatment Event	Procedure and Intra Operative Details	CR6310: Surgical Access	R

Treatment – Stem Cell Transplantation				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR8600	Treatment Event	Procedure and Intra Operative Details	CR8600: Stem Cell Infusion Source	R
CR8610	Treatment Event	Procedure and Intra Operative Details	CR8610: Stem Cell Infusion Donor	R
CR8620	Treatment Event	Procedure and Intra Operative Details	CR8620: Conditioning Regimen	R

Acute Oncology				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**

CR8700	Referral	Oncoalert & MDS	Assessment Date	R
CR8710	Referral	Oncoalert & MDS	Organisation (Acute Oncology)	R
CR8720	Referral	Oncoalert & MDS	Assessment Location	R
CR8730	Referral	Oncoalert & MDS	Acute Oncology Patient Type	R
CR8740	Referral	Oncoalert & MDS	Outcome	R
Does not exist in V6 – Under development				

Laboratory Results				
Data Item	**Event**	**Panel**	**Field Name**	**M/R/O**
CR8800	V5: Diagnosis & 1st Definitive Treatment V6: Investigations	Laboratory Results	CR8800: Laboratory Result Date	M
CR8810	V5: Diagnosis & 1st Definitive Treatment V6: Investigations	Laboratory Results	CR8810: Organisation (Laboratory Result)	M
CR8900	V5: Diagnosis & 1st Definitive Treatment V6: Investigations	Laboratory Results	CR8900: LDH Value	R
CR8910	V5: Diagnosis & 1st Definitive Treatment V6: Investigations	Laboratory Results	CR8910: Beta Human Chorionic Gonadotropin (Serum)	R
CR8920	V5: Diagnosis & 1st Definitive Treatment V6: Investigations	Laboratory Results	CR8920: Alpha fetoprotein (Serum)	R