



# NPCA

National Prostate Cancer Audit

## PROSPECTIVE AUDIT MINIMUM DATASET

### Specification

VERSION 2.2 – 15th January 2018

Version	Date created	Version descriptor/details	Author
1.0	6 <sup>th</sup> February 2014	First draft finalised and circulated to all trusts	Nossiter
2.0	17 <sup>th</sup> December 2014	Dataset changes for collection from 1 <sup>st</sup> April 2015  AMENDED DATA ITEMS:  NPCA08 Specialist referral appointments  NPCA09 Planned prostate cancer treatment agreed with the patient  DELETED FROM DATASET:  CR0890 Number of nodes examined  CR0900 Number of nodes positive  NEW DATA ITEM:  NPCA21 Lymphadenectomy performed	Nossiter
2.1	17 <sup>th</sup> January 2016	Guidance for collection of MDS3 data items updated	Nossiter
2.2	15 <sup>th</sup> January 2018	Dataset updates from 1 <sup>st</sup> April 2018  <b>(highlighted in red in document)</b>  NPCA data items incorporated into COSD V8.0 (Urological Dataset)  NPCA03 ⇒ UR15410 Prostate biopsy technique  BAUS Q20 ⇒ UR15420 Procedure – nerve sparing  NPCA11 ⇒ UR15430 Radical prostatectomy margin status	Nossiter

***NPCA MINIMUM DATA SET 1: To be completed for all men with newly diagnosed prostate cancer. To be completed at meeting(s) of the multidisciplinary team (MDT) during the initial phase of management***

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
<b><i>PATIENT IDENTITY and DEMOGRAPHIC DETAILS</i></b>							
1	COSD CORE CR0010	NHS NUMBER	n10			NHS NUMBER	
2	COSD CORE CR0100	PERSON BIRTH DATE	an10 ccyy-mm-dd			PERSON BIRTH DATE	Date on which a person was born or is officially deemed to have been born
3	COSD CORE CR0080	POSTCODE OF USUAL ADDRESS (AT DIAGNOSIS)	max an8			POSTCODE OF USUAL ADDRESS (AT DIAGNOSIS)	Postcode of usual address of the patient at time of their diagnosis
4	COSD CORE CR0050	PERSON FAMILY NAME	max 35 characters			PERSON FAMILY NAME	Part of person's name used to describe family, clan, tribal group or marital association
5	COSD CORE CR0060	PERSON GIVEN NAME	max 35 characters			PERSON GIVEN NAME	Forename or given name of a person
6	COSD CORE CR0070	PATIENT USUAL ADDRESS (AT	an175 (5 lines each			PATIENT USUAL ADDRESS (AT	Usual address of the patient at time of their diagnosis

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
		DIAGNOSIS)	an35)			DIAGNOSIS)	
<b><i>NHS TRUST/ MDT/CONSULTANT</i></b>							
7	COSD CORE CR0030	ORGANISATION CODE (CODE OF PROVIDER)	an3 or an5			ORGANISATION CODE (CODE OF PROVIDER)	Organisation code of the organisation acting as a Heath Care Provider
8	COSD CORE CR0430	MULTIDISCIPLINARY TEAM DISCUSSION DATE (CANCER)	an10 ccyy-mm- dd			MULTIDISCIPLINARY TEAM DISCUSSION DATE (CANCER)	The date on which the patient's cancer care plan was discussed at a multidisciplinary team meeting and a treatment planning decision was made
9	COSD CORE CR0210	CONSULTANT CODE (FIRST SEEN)	an8			CONSULTANT CODE	Code of the consultant who first sees the patient following the initial referral which leads to the cancer diagnosis.
<b><i>PATIENT CHARACTERISTICS</i></b>							
10	COSD CORE CR2030	DATE OF DIAGNOSIS (CLINICALLY AGREED)	an10 ccyy-mm- dd			DATE OF DIAGNOSIS (CLINICALLY AGREED)	Date where cancer was confirmed or diagnosis agreed. This will normally be the date of the authorised pathology report which confirms the cancer or if this is not

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
							available at the time it will be the date of the MDT meeting when the diagnosis was agreed.
11	NPCA01	SYMPTOMS PRIOR TO DIAGNOSIS	an1  CHECK ALL THAT APPLY.	0	None	SYMPTOMS PRIOR TO DIAGNOSIS	NOT MUTUALLY EXCLUSIVE - MULTIPLE RESPONSES POSSIBLE.  This describes the symptoms experienced by a patient prior to diagnosis.
				1	LUTS		
				2	Symptoms possibly linked to metastasis (e.g. pain)		
				3	General symptoms (e.g. weight loss, lethargy)		
				9	Not known		
12	COSD CORE CR0510	PERFORMANCE STATUS (ADULT)	an1	0	Able to carry out all normal activity without restriction	PERFORMANCE STATUS (ADULT) - WHO CLASSIFICATION	A World Health Organisation classification indicating a PERSON's status relating to activity/disability
				1	Restricted in physically strenuous activity, but able to walk and do light work		
				2	Able to walk and capable of all self care, but unable to carry out any work. Up and about more than 50% of waking hours		
				3	Capable of only limited self care, confined to bed or chair more than 50% of waking hours		
				4	Completely disabled. Cannot carry out any self care. Totally confined to bed or chair		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
				9	Not recorded		
13	NPCA02	ASA SCORE (PROSTATE)	an1	1	A normal healthy patient.	ASA SCORE (PROSTATE)	American Society of Anesthesiologists (ASA) physical status classification system. ASA score is usually used to assess the fitness of patients before surgery. However, NPCA will collect this data item from ALL PATIENTS diagnosed with prostate cancer, whether or not surgery is planned.
				2	A patient with mild systemic disease.		
				3	A patient with severe systemic disease, that limits function, but is not incapacitating.		
				4	A patient with severe systemic disease that is a constant threat to life.		
				5	A moribund patient		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
14	COSD CR1600	SOURCE OF REFERRAL FOR OUT- PATIENTS	an1	All codes as per COSD	As per COSD	SOURCE OF REFFERAL FOR OUT-PATIENTS	This identifies the source of referral (ROUTE TO DIAGNOSIS). COSD code definitions are used unchanged. Codes of relevance for NPCA are 01 (following an emergency admission), 04 and 10 (following an accident and emergency attendance), 03 and 12 (referral from a general practitioner), 05 (referral from a non-accident and emergency consultant), other COSD codes = other (for NPCA)
15	COSD UROLOGY UR15070	PSA (DIAGNOSIS)	max n5.n1	Positive values		PSA (DIAGNOSIS)	PROSTATE ONLY. Prostate Specific Antigen blood level in ng/ml measured at time of diagnosis
16	NPCA03  COSD UROLOGY	PROSTATE BIOPSY TECHNIQUE	an1	0	No biopsy done	PROSTATE BIOPSY TECHNIQUE	The type of prostate biopsy technique performed before treatment.
				1	Transrectal sampling biopsy		
				2	Transrectal saturation biopsy		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
	UR15410			3	Perineal sampling biopsy		
				4	Perineal Template Mapping biopsy		
				7	Not Applicable (No biopsy done)		
				8	Other		
				9	Not known		
<b>GLEASON SCORE OF BIOPSY</b>							
17	COSD UROLOGY UR15210	GLEASON GRADE (PRIMARY)	an1	1-5	Range 1-5	GLEASON GRADE (PRIMARY)	What is the most extensive GLEASON grade?
18	COSD UROLOGY UR15220	GLEASON GRADE (SECONDARY)	an1	1-5	Range 1-5	GLEASON GRADE (SECONDARY)	If additional grades are present, what is the highest grade (biopsy) or the second most extensive grade (TURP and radical prostatectomy). If no additional grades are present, primary and secondary grades are the same.
19	COSD UROLOGY	GLEASON GRADE	an1	1-5	Range 1-5	GLEASON GRADE	Is there a different third grade in addition to primary and secondary



Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
	UR15230	(TERTIARY)			8 – not applicable	(TERTIARY)	grades and what is its value?
<b>MRI OF PROSTATE</b>							
20	NPCA04	MULTIPARAMETRIC MRI PERFORMED	an1	0	No	MULTIPARAMETRIC MRI PERFORMED	Was multiparametric MRI performed before or after biopsy?
				1	Before biopsy		
				2	After biopsy		
				9	Not known		
<b>FINAL PRE-TREATMENT TUMOUR CHARACTERISTICS</b>							
21	COSD CORE CR0520	T CATEGORY (FINAL PRE-TREATMENT)	max an5		UICC (Union for International Cancer Control) Coding is used	T CATEGORY (FINAL PRE-TREATMENT)	UICC code which classifies the size and extent of the primary tumour before treatment
22	COSD CORE CR0540	N CATEGORY (FINAL PRE-TREATMENT)	max an5		UICC (Union for International Cancer Control) Coding is used	N CATEGORY (FINAL PRE-TREATMENT)	UICC code which classifies the absence or presence and extent of regional lymph node metastases before treatment
23	COSD CORE	M CATEGORY (FINAL PRE-	max an5		UICC (Union for International Cancer	M CATEGORY (FINAL PRE-	UICC code which classifies the absence or

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
	CR0560	TREATMENT)			Control) Coding is used	TREATMENT)	presence of distant metastases before treatment
24	COSD UROLOGY UR15240	PERINEURAL INVASION	an1	Y	Yes	PERINEURAL INVASION	Is there perineural invasion?
				N	No		
				X	Not Assessable		
25	NPCA05	NUMBER OF POSITIVE CORES	an2	0-99	Range 0-99	NUMBER OF POSITIVE CORES	Data item (number of positive cores) is in the RCPATH dataset. Reporting proforma E for prostatic biopsies. Data to be inputted by MDTs from histopathology reports
26	NPCA06	TOTAL NUMBER	an2	0-99	Range 0-99	TOTAL NUMBER	Data item (total number of positive cores) is in the RCPATH dataset. Reporting proforma E for prostatic biopsies. Data to be inputted by MDTs from histopathology reports
27	NPCA07	GREATEST PERCENTAGE OF	an3	0-100	Range 0-100	GREATEST PERCENTAGE OF	Data item in RCPATH dataset. Reporting proforma E for prostatic

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
		CANCER IN SINGLE MOST INVOLVED CORE				CANCER IN SINGLE MOST INVOLVED CORE	biopsies. Data to be inputted by MDTs from histopathology reports
<b>TREATMENT</b>							
28	NPCA08	SPECIALIST REFERRAL APPOINTMENTS	an1	1	Urologist only	SPECIALIST REFERRAL APPOINTMENT	Record the type/s of specialist the patient will be referred to
				2	Oncologist only		
				3	Urologist and oncologist separately		
				4	Urologist and oncologist in joint specialist MDT clinic setting		
				5	None of the above		
				9	Not known		
29	NPCA09	PLANNED PROSTATE CANCER TREATMENT AGREED WITH THE PATIENT	an3  CHECK ALL THAT APPLY.	11a	Watchful waiting	PLANNED PROSTATE CANCER TREATMENT AGREED WITH THE PATIENT	NOT MUTUALLY EXCLUSIVE - MULTIPLE RESPONSES POSSIBLE.  The treatment plan AGREED WITH THE PATIENT. This data item will be collected post-MDT meeting.  THIS DATA ITEM IS NO
				11b	Active surveillance		
				01a	Radical Prostatectomy		
				01b	Transurethral Resection of Prostate (TURP)		
				01c	Bilateral Orchiectomy		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
				10a	Cryotherapy		LONGER MAPPED TO COSD core item CR0470 PLANNED CANCER TREATMENT TYPE for patients with prostate cancer
				10b	High Intensity Focused Ultrasound (HIFU)		
				10c	Focal Therapy (any modality)		
				02a	Radical External Beam Radiotherapy		
				06a	Low Dose Rate Brachytherapy		
				06b	High Dose Rate Brachytherapy		
				04a	Continuous Androgen Deprivation Therapy		
				04b	Intermittent Androgen Deprivation Therapy		
				04c	Neoadjuvant hormone therapy		
				04d	Adjuvant hormone therapy		
				03	Chemotherapy		
				02b	Palliative Radiotherapy		
				05	Specialist palliative care		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
				10d	Other - active		

***NPCA MINIMUM DATA SET 2: Data items to be collected for all men who have undergone a radical prostatectomy. To be completed at the MDT meeting following radical surgery.***

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
<b><i>RADICAL PROSTATECTOMY DETAILS</i></b>							
30	COSD CORE CR1450	ORGANISATION SITE CODE (PROVIDER TREATMENT START DATE (CANCER))	an3 or an5			ORGANISATION SITE CODE (PROVIDER TREATMENT START DATE (CANCER))	The SITE CODE (OF PROVIDER CANCER TREATMENT START DATE) is the ORGANISATION SITE CODE of the ORGANISATION where the TREATMENT START DATE FOR CANCER is recorded
31	COSD CORE CR0660	CONSULTANT CODE (TREATMENT)	an8			CONSULTANT CODE	The CONSULTANT CODE of the consultant responsible for the TREATMENT of the patient. The CONSULTANT CODE is

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
							derived from the general medical council reference number for general medical practitioners.
32	NPCA10	TYPE OF RADICAL PROSTATECTOMY (ACTUAL)	an1	1	Open prostatectomy	TYPE OF PROSTATECTOMY	Type of radical prostatectomy performed
				2	Robotic prostatectomy		
				3	Laparoscopic prostatectomy		
				9	Not known		
33	COSD CORE CR0710	PROCEDURE DATE	an10 ccyy-mm-dd			PROCEDURE DATE	The date the radical prostatectomy was carried out
34	<del>BAUS Q20</del> COSD UROLOGY UR15420	PROCEDURE – NERVE SPARING	an1	1	Bilateral	PROCEDURE – NERVE SPARING	Extent of surgical nerve sparing. This is also required for the BAUS audit
				2	Unilateral		
				3	None		
				9	Not known		
35	COSD CORE CR0910	T CATEGORY	max an5		UICC (Union for international International Cancer Control) Coding	T CATEGORY	T CATEGORY (PATHOLOGICAL) is UICC

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
		(PATHOLOGICAL)			is used	(PATHOLOGICAL)	code which classifies the size and extent of the primary tumour based on the evidence from a pathological examination
36	COSD CORE CR0920	N CATEGORY (PATHOLOGICAL)	max an5		UICC (Union for international International Cancer Control) Coding is used	N CATEGORY (PATHOLOGICAL)	N CATEGORY (PATHOLOGICAL) is the UICC code which classifies the absence or presence and extent of regional lymph node metastases based on the evidence from a pathological examination
37	COSD UROLOGY UR15250	ORGAN CONFINED	an1	Y	Yes	ORGAN CONFINED	If prostatectomy was performed, is the tumour confined to the prostate?
				N	No		
				X	Not applicable		
38	COSD UROLOGY UR15260	SEMINAL VESICLES INVASION	an1	Y	Yes	SEMINAL VESICLES INVASION	If prostatectomy was performed, is there invasion into seminal vesicles?
				N	No		
				X	Not applicable		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
39	<del>NPCA11</del> COSD UROLOGY UR15430	RADICAL PROSTATECTOMY MARGIN STATUS	an1	1	Negative margins	RADICAL PROSTATECTOMY MARGIN STATUS	The surgical margin status following radical prostatectomy.
				2	Positive margins < 3mm in length		
				3	Positive margins ≥ 3 mm in length		
				4	Positive margins, length unknown		
				9	Not known		
40	NPCA21	LYMPHADENECTOMY PERFORMED	an1	Y	Yes	LYMPHADENECTOMY PERFORMED	Was lymphadenectomy performed?  This data item replaces two data items which have been deleted from the MDS:  CR0890 Number of nodes examined  CR0900 Number of nodes positive
				N	No		



***NPCA MINIMUM DATA SET 3: Data items to be collected for all men for whom external beam radiation or brachytherapy is planned with or without androgen deprivation therapy. To be completed when treatment is planned (before actual treatment takes place). It is recommended that these data items are collected at the time of booking radiotherapy for all new prostate cancer patients.***

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
<b>RADIOTHERAPY DETAILS</b>							
41	NPCA12	PLANNED RADIOTHERAPY INTENT (PROSTATE)	an1	1	Primary radical intent	INTENT OF RADIOTHERAPY DIRECTED AT PROSTATE	The original intention of radiotherapy treatment
				2	Adjuvant		
				3	Palliative		
				8	Other		
				9	Not known		
42	NPCA13	PLANNED RADIOTHERAPY TYPE	an1	1	3D conformal	PLANNED RADIOTHERAPY TYPE	The type of radiotherapy planned
				2	IMRT		
				3	Arcing IMRT		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
				4	SBRT		
				8	Other		
				9	Not known		
43	NPCA14	PLANNED TYPE OF IMAGE-GUIDANCE FOR EXTERNAL BEAM RADIOTHERAPY	an1	1	Cone beam CT	PLANNED TYPE OF IMAGE-GUIDANCE FOR EXTERNAL BEAM RADIOTHERAPY	The type of image-guidance for external beam radiotherapy planned
				2	Fiducial markers		
				3	Combined cone beam CT with fiducial markers		
				4	KV imaging		
				8	Other		
				9	Not known		
44	NPCA15	PLANNED RADIOTHERAPY FIELD	an1	1	Prostate	PLANNED RADIOTHERAPY FIELD	The planned area of the patient's body for the planned exposure to radiation
				2	Prostate and seminal vesicles		
				3	Prostate, seminal vesicles and lymph nodes		
				4	Prostate Bed		
				5	Prostate Bed and lymph nodes		
				8	Other (eg spine, leg)		

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
				9	Not known		
<b>BRACHYTHERAPY DETAILS</b>							
45	NPCA16	PLANNED BRACHYTHERAPY TYPE	an1	1	LDR monotherapy	PLANNED BRACHYTHERAPY TYPE	The type of brachytherapy planned
				2	LDR boost		
				3	HDR monotherapy		
				4	HDR boost		
				9	Not known		
46	NPCA17	PLANNED BRACHYTHERAPY TOTAL DOSE	max an3	positive values			The planned brachytherapy total dose (Gy)
47	NPCA18	PLANNED BRACHYTHERAPY TOTAL FRACTIONS	max an2	positive values			The planned number of brachytherapy total fractions (#)
<b>ANDROGEN DEPRIVATION THERAPY DETAILS IN MEN DUE TO UNDERGO EXTERNAL BEAM RADIATION THERAPY</b>							
48	NPCA19	PLANNED	an1	0	None	PLANNED	The planned duration of neoadjuvant androgen

Data item no.	Source	Data item name	Format	Code	Code definition	Data dictionary element	Description of data item/comments for completion
		DURATION OF NEOADJUVANT ANDROGEN DEPRIVATION THERAPY		1	Between 2 and 6 months	DURATION OF NEOADJUVANT ANDROGEN DEPRIVATION THERAPY	therapy
				2	Longer than 6 months		
				9	Not known		
49	NPCA20	PLANNED TOTAL DURATION OF ADJUVANT ANDROGEN DEPRIVATION THERAPY	an1	0	None	PLANNED TOTAL DURATION OF ADJUVANT ANDROGEN DEPRIVATION THERAPY	The planned total duration of adjuvant androgen therapy
				1	6 months		
				2	18 months		
				3	2 years		
				4	3 years		
				5	Indefinite		
				8	Other (eg intermittent)		
				9	Not known		