

Note: It is recommended that this form contains six Data Sets, each data set has two additional key variables:

- SITE (to distinguish the location where the data are recorded) and
- SUBJECT (to distinguish the patient/study participant)

URINARY TRACT IMAGING BASIC DATA SET (Version 1.0)

Table Name = UROG

Intravenous pyelography / Urography or CT urogram, or Ultrasound of the urinary tract

Date performed: YYYYMMDD **UROGDT**

Method used: Intravenous pyelography / Urography
UROGMTH CT urography
 Ultrasound of the urinary tract

Normal **UROGNORM**

Stasis/dilatation in upper urinary tract: Right side **URSTASR** Left side **URSTASL**

Kidney stone: Right side **URKIDSTR** Left side **URKIDSTL**

Stone in ureter: Right side **URSTNURR** Left side **URSTNURL**

Bladder stone **URBLADST**

Other findings: **UROTHFIN, UROTHSP**

X-ray of the urinary tract – Kidney Ureter Bladder (KUB)

Table Name = XRAY

Date performed: YYYYMMDD **XRAYDT**

Normal **XRNORM**

Kidney stone: Right side **XRKIDSTR** Left side **XRKIDSTL**

Stone in ureter: Right side **XRSTNURR** Left side **XRSTNURL**

Bladder stone **XRBLADST**

Other findings: **XROTHFIN, XROTHSP**

Renography

Table Name = RGRPH

Date performed: YYYYMMDD **RGRPHDT**

Method used: DMSA (Technetium-99m dimercaptosuccinic acid)
RGMETHOD DTPA (Technetium-99m diethylenetriamine pentaacetic acid)
 Mag 3 (Technetium-99m mercaptoacetyltriglycine)

Normal **RGNORM**

Excretory function: Right side ___% Left side ___% **RGXFXNR, RGXFXNL**

Stasis/dilatation in upper urinary tract: Right side Left side **RGSTASR, RGSTASL**

Other findings: **RGOTHFIN, RGOTHSP**

Clearance

Table Name = CLEAR

Date performed: YYYYMMDD **CLEARDT**
_____ mL/(min. x 1.73 m²) **CLEARFND**

Cystogram

Table Name = CYSTO

Date performed: YYYYMMDD **CYSTODT**

Normal **CYNORM**

Bladder stone **CYBLADST**

Vesicoureteric reflux: Right Left **CYREFLCR, CYREFLCL**
 Bladder diverticulum **CYBLADIV** **Table name cont.= CYSTO**
Bladder neck at rest: Open Closed **CYBLNECK**
 Other findings: **CYOTHFIN, CYOTHSP**

Voiding cystogram / Micturition cystourogram (MCU) / Videourodynamic
Date performed: YYYYMMDD **VCMCUDT** **Table name = VCMCU**
 Normal **VCNORM**
Vesicoureteric reflux: Right Left **VCREFLCR, VCREFLCL**
Bladder neck during voiding: Normal Closed (dyssynergia) **VCBLNECK**
Striated urethral sphincter during voiding: Normal Closed **VCSPHINC**
 Other findings: **VCOTHFIN, VCOTHSP**

Urography

Proposed 8 Character Variables:

Proposed 8 Character Variables:			Intravenous pyelography / Urography or CT urogram, or Ultrasound of the u							
			Date	Method used	Findings					
Data Element	Site	Subject	Date performed	Method used	Normal	Stasis/ dilatation in upper urinary tract - right side	Stasis/ dilatation in upper urinary tract - left side	Kidney stone - right side	Kidney stone - left side	Stone in ureter - right side
Format/ Codes				Intravenous pyelography / Urography; CT urography; Ultrasound of the urinary tract	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown
8 Character Variable	SITE	SUBJECT	UROGRDT	UROGRMTH	UROGNORM	URSTASR	URSTASL	URKIDSTR	URKIDSTL	URSTNURR

Urography

Urinary tract			
Stone in ureter - left side	Bladder stone	Other findings	Specify, other findings
No Yes Unknown	No Yes Unknown	No Yes	
URSTNURL	URBLADST	UROTHFIN	UROTHSP

X-ray

Proposed 8 Character Variables:

			X-ray of the urinary tract – Kidney Ureter Bladder (KUB)								
			Date	Findings							
Data Element	Site	Subject	Date performed	Normal	Kidney stone right side	Kidney stone left side	Stone in ureter - right side	Stone in ureter - left side	Bladder stone	Other findings	Specify, other findings
Format/Codes				No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes	
8 Character Variable	SITE	SUBJECT	XRAYDT	XRNORM	XRKIDSTR	XRKIDSTL	XRSTNURR	XRSTNURL	XRBLADST	XROTHFIN	XROTHSP

Renography

Proposed 8 Character Variables:

			Renography								
			Date	Method used	Findings						
Data Element	Site	Subject	Date performed	Method used	Normal	Excretory function - Right side	Excretory function - Left side	Stasis/dilatation in upper urinary tract - right side	Stasis/dilatation in upper urinary tract - left side	Other findings	Specify, other findings
Format/Codes				DMSA DTPA Mag 3	No Yes Unknown	999 = Unknown	999 = Unknown	No Yes Unknown	No Yes Unknown	No Yes	
8 Character Variable	SITE	SUBJECT	RGRPHDT	RGMETHOD	RGNORM	RGXFXNR	RGXFXNL	RGSTASR	RGSTASL	RGOTHFIN	RGOTHSP

Clearance

Proposed 8 Character Variables:

			Clearance	
			Date	Findings
Data Element	Site	Subject	Date performed	Findings from Clearance
Format/ Codes				999 = Unknown
8 Character Variable	SITE	SUBJECT	CLEARDT	CLEARFND

Cystogram

Proposed 8 Character Variables:

			Cystogram								
			Date	Findings							
Data Element	Site	Subject	Date performed	Normal	Bladder stone	Vesicoureteri c reflux - right	Vesicoureteri c reflux - left	Bladder diverticulum	Bladder neck at rest - Open/Closed	Other findings	Specify, other findings
Format/ Codes				No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	No Yes Unknown	Open Closed	No Yes	
8 Character Variable	SITE	SUBJECT	CYSTODT	CYNORM	CYBLADST	CYREFLCR	CYREFLCL	CYBLADIV	CYBLNECK	CYOTHFIN	CYOTHSP

Voiding cystogram

Proposed 8 Character Variables:

Proposed 8 Character Variables:			Voiding cystogram / Micturition cystourogram (MCU) / Videourodynamic							
			Date				Findings			
Data Element	Site	Subject	Date performed	Normal	Vesicoureteric reflux - right	Vesicoureteric reflux - left	Bladder neck during voiding Normal/ Closed	Striated urethral sphincter during voiding - Normal/ Closed (dyssynergia)	Other findings	Specify, other findings
Format/ Codes				No Yes Unknown	No Yes Unknown	No Yes Unknown	Normal Closed	Normal Closed	No Yes	
8 Character Variable	SITE	SUBJECT	VCMCUDT	VCNORM	VCREFLCR	VCREFLCL	VCBLNECK	VCSPHINC	VCOTHFIN	VCOTHSP