
CONFIDENTIAL

Data Dictionary Report

Sponsor: csc

Study: Priapism

Printed: 05.23.2008 at 02:46
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Datastream : ADLT

Associated Forms : Survey Instrument Age 15-up

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
INTDA	Interview Date (Day)	number	2.	yes	none		
INTMO	Interview Date (Month)	number	2.	yes	none		
INTYR	Interview Date (Year)	number	4.	yes	none		
INTDT	Interview Date	date	DATE9.	yes	range	2005-06-01	2008-03-30
INFCDA	Informed Consent Date (Day)	number	2.	yes	none		
INFCMO	Informed Consent Date (Month)	number	2.	yes	none		
INFCYR	Informed Consent Date (Year)	number	4.	yes	none		
INFCDT	Informed Consent Date	date	DATE9.	yes	range	2005-06-01	2008-03-30
SIGDA	Signature Date (Day)	number	2.	no	none		
SIGMO	Signature Date (Month)	number	2.	no	none		
SIGYR	Signature Date (Year)	number	4.	no	none		
SIGDT	Signature Date	date	DATE9.	no	range	2005-06-01	2008-03-30
INTINIT	Interviewer's initials	text	\$3.	yes	none		
NOANSWR	Patient chose not to attempt survey	number	1.	no	range	1	1
Q1NA	Chose not to answer Q1	number	1.	no	range	1	1
PRIAP	Heard the word "priapism" before? ->No ->Not sure ->Yes	text	\$8.	no	value		
Q2NA	Chose not to answer Q2	number	1.	no	range	1	1
B4TODAY	Heard of priapism in SCD? ->No ->Not sure ->Yes	text	\$8.	no	value		
Q3NA	Chose not to answer Q3	number	1.	no	range	1	1
PAIN	Had painful unwanted erections? ->No	text	\$8.	no	value		

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						Low	High
	->Not sure						
	->Yes						
Q4NA	Chose not to answer Q4	number	1.	no	range	1	1
INFO	Doctor talked with you about priapism?	text	\$8.	no	value		
	->No						
	->Not sure						
	->Yes						
Q5ANA	Chose not to answer Q5A	number	1.	no	range	1	1
EPPSTYR	# Episodes of priapism in last year	text	\$12.	no	value		
	->1						
	->2 to 5						
	->6 to 20						
	->Don't know						
	->More than 20						
	->None						
Q5BNA	Chose not to answer Q5B	number	1.	no	range	1	1
EPPRIOR	# Episodes priapism prior to past year	text	\$12.	no	value		
	->1						
	->2 to 5						
	->6 to 20						
	->Don't know						
	->More than 20						
	->None						
Q6ANA	Chose not to answer Q6A	number	1.	no	range	1	1
AGEONLY	Age at episode	number	2.	no	none		
AGOONLY	Episode occurred how long ago?	number	2.	no	none		
YMOONLY	Years or months ago episode occurred	text	\$10.	no	value		
	->Months ago						
	->Years ago						
Q6BNA	Chose not to answer Q6B	number	1.	no	range	1	1
DURMIN	Duration of episode in minutes	number	3.	no	range	0	300
DURHRS	Duration of episode in hours	number	2.	no	range	0	24
DURDAY	Duration of episode in days	number	2.	no	range	0	10
DURUNK	Don't know duration	number	1.	no	range	1	1
Q7ANA	Chose not to answer Q7A	number	1.	no	range	1	1

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
AGEFRST	Age at first episode	number	2.	no	none		
AGOFRST	First episode occurred how long ago?	number	2.	no	none		
YMOFRST	Years or months ago-first episode ->Months ago ->Years ago	text	\$10.	no	value		
Q7BNA	Chose not to answer Q7B	number	1.	no	range	1	1
AGELAST	Age at last episode	number	2.	no	none		
AGOLAST	Last episode occurred how long ago?	number	2.	no	none		
YMOLAST	Years or months ago-last episode ->Months ago ->Years ago	text	\$10.	no	value		
Q8ANA	Chose not to answer Q8A	number	1.	no	range	1	1
AVGMIN	Duration of average episode in min.	number	2.	no	range	0	59
AVGHRS	Duration of average episode in hours	number	2.	no	range	0	23
AVGDAY	Duration of average episode in days	number	2.	no	range	0	10
AVGUNK	Don't know average duration	number	1.	no	range	1	1
Q8BNA	Chose not to answer Q8B	number	1.	no	range	1	1
SHRTMIN	Duration of shortest episode in min.	number	2.	no	range	0	59
SHRTHRS	Duration of shortest episode in hours	number	2.	no	range	0	23
SHRTDAY	Duration of shortest episode in days	number	2.	no	range	0	10
SHRTUNK	Don't know shortest duration	number	1.	no	range	1	1
Q8CNA	Chose not to answer Q8C	number	1.	no	range	1	1
LONGMIN	Duration of longest episode in min.	number	2.	no	range	0	59
LONGHRS	Duration of longest episode in hours	number	2.	no	range	0	23
LONGDAY	Duration of longest episode in days	number	2.	no	range	0	10
LONGUNK	Don't know longest duration	number	1.	no	range	1	1
Q8DNA	Chose not to answer Q8D	number	1.	no	range	1	1
LASTMIN	Duration of last episode in min.	number	2.	no	range	0	59

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
LASTHRS	Duration of last episode in hours	number	2.	no	range	0	23
LASTDAY	Duration of last episode in days	number	2.	no	range	0	10
LASTUNK	Don't know last duration	number	1.	no	range	1	1
Q9ANA	Chose not to answer Q9A	number	1.	no	range	1	1
START	Time of day priapism often starts ->4 in the afternoon to midnight ->4 in the morning to 8 in the morning ->8 in the morning to 4 in the afternoon ->Midnight to 4 in the morning	text	\$38.	no	value		
Q9BNA	Chose not to answer Q9B	number	1.	no	range	1	1
AWKASLP	Occurs when awake or asleep? ->Asleep ->Awake	text	\$6.	no	value		
Q9CNA	Chose not to answer Q9C	number	1.	no	range	1	1
AWAKE	How long after waking does it begin? ->0-2 hours after waking up ->2-12 hours after waking up ->>12 hours after waking up	text	\$26.	no	value		
ASLEEP	How long after sleep does it begin? ->0-4 hours after going to sleep ->4-8 hours after going to sleep ->8-12 hours after going to sleep ->>12 hours after going to sleep	text	\$31.	no	value		
Q10NA	Chose not to answer Q10	number	1.	no	range	1	1
SLEEP	Sleeping	number	1.	no	range	1	1
CONSTIP	Constipation	number	1.	no	range	1	1
BREATHE	Trouble breathing	number	1.	no	range	1	1
SEXACT	Sexual activity	number	1.	no	range	1	1

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
SEXTHTS	Sexual thoughts	number	1.	no	range	1	1
ALCOHOL	Alcohol use	number	1.	no	range	1	1
MEDS	Medication or drug use	number	1.	no	range	1	1
MEDSSP	Specify drug if known	text	\$80.	no	none		
CAUSOT	Other priapism cause	number	1.	no	range	1	1
CAUSOTS	Other priapism cause, specify	text	\$80.	no	none		
NOCAUSE	None-No causes of priapism	number	1.	no	range	1	1
CAUSEUK	Don't know-priapism causes	number	1.	no	range	1	1
Q11NA	Chose not to answer Q11	number	1.	no	range	1	1
IBUPRO	Take non-narcotic pain medication	number	1.	no	range	1	1
CODEINE	Take opioids	number	1.	no	range	1	1
MEDOT	Other medication (treatment)	number	1.	no	range	1	1
MEDOTS	Other medication (treatment), specify	text	\$80.	no	none		
URINATE	Pee/pass urine/urinate	number	1.	no	range	1	1
SHOWER	Take a shower or bath	number	1.	no	range	1	1
REST	Rest and relax	number	1.	no	range	1	1
EXRCISE	Mild exercise/Get up and walk around	number	1.	no	range	1	1
FLUIDS	Increase fluids	number	1.	no	range	1	1
TXOTH	Other treatment for priapism at home	number	1.	no	range	1	1
TXOTHS	Other treatment, specify	text	\$80.	no	none		
NOHOMET	Treat priapism at home - None	number	1.	no	range	1	1
Q12NA	Chose not to answer Q12	number	1.	no	range	1	1
DURING	ER,hospital,or doctor during an episode ->Do not remember ->No ->Yes	text	\$15.	no	value		
Q13NA	Chose not to answer Q13	number	1.	no	range	1	1
Q13ANA	Chose not to answer Q13A	number	1.	no	range	1	1
ORALMED	Pain medication by mouth	number	1.	no	range	1	1
ORALSP	What happened due to med. by mouth ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do	text	\$38.	no	value		

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	not remember						
IVFLUID	Intravenous or IV fluid	number	1.	no	range	1	1
FLUIDSP	What happened due to IV fluid ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
IVMED	Pain medication by vein or shot	number	1.	no	range	1	1
IVMEDSP	What happened due to med. by vein ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
TRAN	Red blood cell transfusion	number	1.	no	range	1	1
TRANSP	What happened due to transfusion ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
NOTREAT	Does not remember any treatments	number	1.	no	range	1	1
Q14NA	Chose not to answer Q14	number	1.	no	range	1	1
Q14ANA	Chose not to answer Q14A	number	1.	no	range	1	1
ASPIR	Aspiration or irrigation	number	1.	no	range	1	1
ASPIRSP	What happened due to aspiration? ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
SHUNT	Surgical procedure or shunt	number	1.	no	range	1	1
SHUNTSP	What happened due to shunt? ->Erection went away/Pain decreased ->Got worse	text	\$38.	no	value		

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->Stayed about the same/Do not remember						
NOPROC	Does not remember any procedures	number	1.	no	range	1	1
Q15NA	Chose not to answer Q15	number	1.	no	range	1	1
CTRAN	Chronic transfusion therapy	text	\$15.	no	value		
	->Do not remember						
	->No						
	->Yes						
Q15ANA	Chose not to answer Q15A	number	1.	no	range	1	1
CTRANYS	If chronic tran yes, what happened?	text	\$72.	no	value		
	->Increased						
	->Decreased						
	->Stayed about the same						
	->Was not having episodes of priapism when chronic transfusion was started						
	->Don't know						
Q16NA	Chose not to answer Q16	number	1.	no	range	1	1
HYDRX	Hydroxyurea therapy	text	\$10.	no	value		
	->Don't know						
	->No						
	->Yes						
Q16ANA	Chose not to answer Q16A	number	1.	no	range	1	1
HYDRXYS	If Hu yes, what happened?	text	\$64.	no	value		
	->Increased						
	->Decreased						
	->Stayed about the same						
	->Was not having episodes of priapism when Hydroxyurea was started						
	->Don't know						
Q17ANA	Chose not to answer Q17A	number	1.	no	range	1	1
WANTED	Get erections when wanted?	text	\$10.	no	value		
	->Don't know						
	->No						
	->Yes						
Q17BNA	Chose not to answer Q17B	number	1.	no	range	1	1
OVRNITE	Get erections overnight?	text	\$10.	no	value		
	->Don't know						

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->No ->Yes						
Q17CNA	Chose not to answer Q17C	number	1.	no	range	1	1
INTRCRS	Able to have sexual intercourse? ->No ->Not sexually active ->Yes	text	\$19.	no	value		
Q17DNA	Chose not to answer Q17D	number	1.	no	range	1	1
IMPTNCE	Been to a doctor for impotence? ->Don't know ->No ->Yes	text	\$10.	no	value		
Q17ENA	Chose not to answer Q17E	number	1.	no	range	1	1
MEDICIN	Taken medicine to help have an erection? ->Don't know ->No ->Yes	text	\$10.	no	value		
MEDNAME	If yes, name of medication	text	\$200.	no	none		
Q17FNA	Chose not to answer Q17F	number	1.	no	range	1	1
IMPLANT	Have a penile implant? ->Don't know ->No ->Yes	text	\$10.	no	value		
Q18NA	Chose not to answer Q18	number	1.	no	range	1	1
PROBLEM	Compare priapism to other problems ->About the same as everything else ->Not as bad as other problems ->The worst problem	text	\$33.	no	value		
Q18ANA	Chose not to answer Q18A	number	1.	no	range	1	1
WORST	Was priapism ever the worst problem? ->Do not remember ->No ->Yes	text	\$15.	no	value		
Q19NA	Chose not to answer Q19	number	1.	no	range	1	1

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Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
PRIAPSM	Comments about priapism	text	\$600.	no	none		
Q20NA	Chose not to answer Q20	number	1.	no	range	1	1
CONTACT	May we contact you about future studies? ->No ->Yes	text	\$7.	no	value		
PRESENT	Who was present during interview? ->Parent/guardian alone ->Patient alone ->Patient and parent/guardian together	text	\$36.	yes	value		
ANSWER	Who answered questions? ->Parent/guardian alone ->Patient alone ->Patient and parent/guardian together	text	\$36.	yes	value		
CNTXT	What context did interview occur? ->Callback ->Chronic Transfusion ->Health Fair ->Hydroxyurea ->Other ->Routine Visit ->Urgent Care Visit	text	\$19.	yes	value		
CNTXTSP	Other interview context, specify	text	\$40.	no	none		
GENDER	Interviewer gender ->Female ->Male	text	\$6.	yes	value		
AGE	Interviewer age ->31-49 years -><= 30 years ->>= 50 years	text	\$11.	yes	value		
INTETH	Interviewer ethnicity ->Hispanic or Latino ->Not Hispanic or Latino	text	\$22.	yes	value		
INTAMIN	American Indian/Alaskan Native	number	1.	no	range	1	1
INTASIA	Asian	number	1.	no	range	1	1

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						Low	High
INTAFAM	Black or African American	number	1.	no	range	1	1
INTHAWA	Native Hawaiian / other Pacific Islander	number	1.	no	range	1	1
INTWHITE	White	number	1.	no	range	1	1
INTOTR	Other race	number	1.	no	range	1	1
INTOTRS	Specify other race	text	\$20.	no	none		
SIGNTRE	PI signature present?	number	1.	no	range	1	1
COMMENT	Comments	text	\$600.	no	none		

Edit Checks

ADLT-0001	The "Interview Date" must be on or after the "Date informed consent signed". --->INTDT >= INFCDT
ADLT-0002	If Question 1 is marked "patient declines to answer question" then this question should be left blank. --->implies(Q1NA == 1, PRIAP == null)
ADLT-0003	If Question 2 is marked "patient declines to answer question" then this question should be left blank. --->implies(Q2NA == 1, B4TODAY == null)
ADLT-0004	If Question 3 is marked "patient declines to answer question" then this question should be left blank. --->implies(Q3NA == 1, PAIN == null)
ADLT-0005	If Question 4 is marked "patient declines to answer question" then this question should be left blank. --->implies(Q4NA == 1, INFO == null)
ADLT-0006	If Question 5a is marked "patient declines to answer question" then this question should be left blank. --->implies(Q5ANA == 1, EPPSTYR == null)
ADLT-0007	If Question 5b is marked "patient declines to answer question" then this question should be left blank. --->implies(Q5BNA == 1, EPPRIOR == null)
ADLT-0008	If Question 6a is marked "patient declines to answer question" then this question should be left blank. --->implies(Q6ANA == 1, AGEONLY == null && AGOONLY == null && YMOONLY == null)
ADLT-0009	If how long ago the episode of priapism happened (Question 6a) is specified then 'years ago' or 'months ago' must be selected. --->implies(AGOONLY != null, YMOONLY != null)

ADLT-0009rev If 'years ago' or 'months ago' is selected then how long ago the episode of priapism occurred (Question 6a) must be completed.
--->revimplies(AGOONLY != null, YMOONLY != null)

ADLT-0010 If Question 6a is answered in "years old" then the number of years or months ago that the episode of priapism happened should not be completed.
--->implies(AGEONLY != null, AGOONLY == null && YMOONLY == null)

ADLT-0011 If Question 6b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q6BNA == 1, DURMIN == null && DURHRS == null && DURDAY == null && DURUNK == null)

ADLT-0012 If the number of minutes, hours, or days that the episode of priapism lasted is completed then Question 6b should not be marked 'Don't know'.
--->implies(DURMIN != null || DURHRS != null || DURDAY != null, DURUNK == null)

ADLT-0013 If Question 7a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q7ANA == 1, AGEFRST == null && AGOFRST == null && YMOFRST == null)

ADLT-0014 If how long ago the first episode of priapism happened (Question 7a) is specified then 'years ago' or 'months ago' must be selected.
--->implies(AGOFRST != null, YMOFRST != null)

ADLT-0014rev If 'years ago' or 'months ago' is selected then how long ago the first episode of priapism occurred (Question 7a) must be completed.
--->revimplies(AGOFRST != null, YMOFRST != null)

ADLT-0015 If Question 7a is answered in "years old" then the number of years or months ago that the first episode of priapism happened should not be completed.
--->implies(AGEFRST != null, AGOFRST == null && YMOFRST == null)

ADLT-0016 If Question 7b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q7BNA == 1, AGELAST == null && AGOLAST == null && YMOLAST == null)

ADLT-0017 If how long ago the last episode of priapism happened (Question 7b) is specified then 'years ago' or 'months ago' must be selected.
--->implies(AGOLAST != null, YMOLAST != null)

ADLT-0017rev If 'years ago' or 'months ago' is selected then how long ago the last episode of priapism occurred (Question 7b) must be completed.
--->revimplies(AGOLAST != null, YMOLAST != null)

ADLT-0018 If Question 7b is answered in "years old" then the number of years or months ago that the last episode of priapism happened should not be completed.
--->implies(AGELAST != null, AGOLAST == null && YMOLAST == null)

ADLT- If Question 8a is marked "patient declines to answer question" then this

0019 question should be left blank.
--->implies(Q8ANA == 1, AVGMIN == null && AVGHRS == null && AVGDAY == null && AVGUNK == null)

ADLT-0020 If the number of minutes, hours, or days that the average episode of priapism lasts is completed then Question 8a should not be marked 'Don't know'.
--->implies(AVGMIN != null || AVGHRS != null || AVGDAY != null, AVGUNK == null)

ADLT-0021 If Question 8b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q8BNA == 1, SHRTMIN == null && SHRTHRS == null && SHRTDAY == null && SHRTUNK == null)

ADLT-0022 If the number of minutes, hours, and days that the shortest episode of priapism lasted is completed then Question 8b should not be marked 'Don't know'.
--->implies(SHRTMIN != null || SHRTHRS != null || SHRTDAY != null, SHRTUNK == null)

ADLT-0023 If Question 8c is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q8CNA == 1, LONGMIN == null && LONGHRS == null && LONGDAY == null && LONGUNK == null)

ADLT-0024 If the number of minutes, hours, and days that the longest episode of priapism lasted is completed then Question 8c should not be marked 'Don't know'.
--->implies(LONGMIN != null || LONGHRS != null || LONGDAY != null, LONGUNK == null)

ADLT-0025 If Question 8d is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q8DNA == 1, LASTMIN == null && LASTHRS == null && LASTDAY == null && LASTUNK == null)

ADLT-0026 If the number of minutes, hours, and days that the last (most recent) episode of priapism lasted is completed then Question 8d should not be marked 'Don't know'.
--->implies(LASTMIN != null || LASTHRS != null || LASTDAY != null, LASTUNK == null)

ADLT-0027 If Question 9a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q9ANA == 1, START == null)

ADLT-0028 If Question 9b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q9BNA == 1, AWKASLP == null)

ADLT-0029 If Question 9b is not marked 'Awake' then the question "How many hours after waking up does it usually begin?" should be left blank.
--->implies(AWKASLP != 'Awake', AWAKE == null)

ADLT-0030 If Question 9b is not marked 'Asleep/Wake up with' then the question "How many hours after going to sleep does it usually begin?" should be left blank.
--->implies(AWKASLP != 'Asleep', ASLEEP == null)

ADLT-0031 If Question 9c is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q9CNA == 1, AWAKE == null && ASLEEP == null)

ADLT-0032 If Question 10 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q10NA == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null && CAUSEUK == null)

ADLT-0033 If Question 10 is marked 'None' then none of the treatments should be marked.
--->implies(NOCAUSE == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && CAUSEUK == null)

ADLT-0034 If Question 10 is marked 'Don't know' then none of the treatments should be marked.
--->implies(CAUSEUK == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null)

ADLT-0035 If Question 10 is marked 'Medication or drug use' then specify should be completed.
--->implies(MEDS == 1, MEDSSP != null)

ADLT-0035rev If a medication or drug is specified then Question 10 should be marked 'Medication or drug use'.
--->revimplies(MEDS == 1, MEDSSP != null)

ADLT-0036 If Question 10 is marked 'Other cause, specify' then specify should be completed.
--->implies(CAUSOT == 1, CAUSOTS != null)

ADLT-0036rev If another cause is specified then Question 10 should be marked 'Other cause, specify'.
--->revimplies(CAUSOT == 1, CAUSOTS != null)

ADLT-0037 If Question 11 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q11NA == 1, IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null && NOHOMET == null)

ADLT-0038 If Question 11 is marked 'None' then none of the treatments should be marked.

--->implies(NOHOMET == 1, IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null)

ADLT-0039 If Question 11 is marked 'Other medication, specify' then specify should be completed.
 --->implies(MEDOT == 1, MEDOTS != null)

ADLT-0039rev If another medication is specified then Question 11 should be marked 'Other medication, specify'.
 --->revimplies(MEDOT == 1, MEDOTS != null)

ADLT-0040 If Question 11 is marked 'Other treatment, specify' then specify should be completed.
 --->implies(TXOTH == 1, TXOTHS != null)

ADLT-0040rev If another treatment is specified then Question 11 should be marked 'Other treatment, specify'.
 --->revimplies(TXOTH == 1, TXOTHS != null)

ADLT-0041 If Question 12 is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q12NA == 1, DURING == null)

ADLT-0042 If Question 12 is 'No' or 'Do not remember' then Questions 13 and 14 should be left blank.
 --->implies(DURING == 'No' || DURING == 'Do not reme', Q13NA == null && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && Q13ANA == null && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null && Q14NA == null && ASPIR == null && SHUNT == null && NOPROC == null && Q14ANA == null && ASPIRSP == null && SHUNTSP == null)

ADLT-0043 If Question 13 is marked "patient declines to answer question" then this question should be left blank.
 --->implies(DURING == 'Yes' && Q13NA == 1, ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null)

ADLT-0044 If Question 13 is marked "None/Does not remember any treatments to end the priapism" then none of the treatments listed should be marked.
 --->implies(DURING == 'Yes' && NOTREAT == 1, ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null)

ADLT-0045 If Question 13a is marked "patient declines to answer question" then this question should be left blank.
 --->implies(DURING == 'Yes' && Q13ANA == 1, ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null)

ADLT-0145 Since how this treatment affected the priapism is marked, a response is expected for 'Pain medication by mouth'.
 --->implies(ORALMED == null, ORALSP == null)

ADLT-0245 Since how this treatment affected the priapism is marked, a response is expected for 'Intravenous or IV fluid'.

--->implies(IVFLUID == null, FLUIDSP == null)
 ADLT-0345 Since how this treatment affected the priapism is marked, a response is expected for 'Pain medication by vein or shot'.
 --->implies(IVMED == null, IVMEDSP == null)

ADLT-0445 Since how this treatment affected the priapism is marked, a response is expected for 'Red blood cell transfusion'.
 --->implies(TRAN == null, TRANSP == null)

ADLT-0046 If Question 14 is marked "patient declines to answer question" then this question should be left blank.
 --->implies(DURING == 'Yes' && Q14NA == 1, ASPIR == null && SHUNT == null && NOPROC == null)

ADLT-0047 If Question 14 is marked "None/Does not remember any procedures to end the priapism" then none of the procedures listed should be marked.
 --->implies(DURING == 'Yes' && NOPROC == 1, ASPIR == null && SHUNT == null)

ADLT-0048 If Question 14a is marked "patient declines to answer question" then this question should be left blank.
 --->implies(DURING == 'Yes' && Q14ANA == 1, ASPIRSP == null && SHUNTSP == null)

ADLT-0049 If 'Aspiration, irrigation, or injection' is not marked then how this procedure affected the priapism should not be marked.
 --->implies(ASPIR == null, ASPIRSP == null)

ADLT-0050 If 'Surgical procedure or shunt' is not marked then how this procedure affected the priapism should not be marked.
 --->implies(SHUNT == null, SHUNTSP == null)

ADLT-0051 If Question 15 is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q15NA == 1, CTRAN == null)

ADLT-0052 If Question 15 is not marked 'Yes' then Question 15a should be left blank.
 --->implies(CTRAN != 'Yes', CTRANYS == null)

ADLT-0053 If Question 15a is marked "patient declines to answer question" then this question should be left blank.
 --->implies(CTRANYS == 'Yes' && Q15ANA == 1, CTRANYS == null)

ADLT-0054 If Question 16 is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q16NA == 1, HYDRX == null)

ADLT-0055 If Question 16 is not marked 'Yes' then Question 16a should be left blank.
 --->implies(HYDRX != 'Yes', HYDRXYS == null)

ADLT-0056 If Question 16a is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q16ANA == 1, HYDRXYS == null)

ADLT-0057 If Question 17a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17ANA == 1, WANTED == null)

ADLT-0058 If Question 17b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17BNA == 1, OVRNITE == null)

ADLT-0059 If Question 17c is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17CNA == 1, INTRCRS == null)

ADLT-0060 If Question 17d is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17DNA == 1, IMPTNCE == null)

ADLT-0061 If Question 17e is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17ENA == 1, MEDICIN == null)

ADLT-0062 If "Have you ever taken a medicine to help you have an erection?" is marked 'Yes' then the medication name should be specified.
--->implies(MEDICIN == 'Yes', MEDNAME != null)

ADLT-0062rev If a medication name is specified then "Have you ever taken a medicine to help you have an erection?" should be marked 'Yes'.
--->revimplies(MEDICIN == 'Yes', MEDNAME != null)

ADLT-0063 If Question 17f is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17FNA == 1, IMPLANT == null)

ADLT-0064 If Question 18 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q18NA == 1, PROBLEM == null)

ADLT-0065 If Question 18 is marked 'The worst problem' then Question 18a should be left blank.
--->implies(PROBLEM == 'The worst p', WORST == null)

ADLT-0066 If Question 18a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q18ANA == 1, WORST == null)

ADLT-0067 If Question 19 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q19NA == 1, PRIAPSM == null)

ADLT-0068 If Question 20 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q20NA == 1, CONTACT == null)

ADLT-0069 If "In what context did the interview occur?" is marked 'Other, specify' then specify should be completed.
--->implies(CNTXT == 'Other', CNTXTSP != null)

ADLT- If specify is completed then "In what context did the interview occur?" should

0069rev be marked 'Other, specify'.
--->revimplies(CNTXT == 'Other', CNTXTSP != null)

ADLT-0070 At least one racial group should be selected.
--->INTAMIN != null || INTASIA != null || INTAFAM != null || INTHAWA != null
|| INTWHITE != null || INTOTR != null

ADLT-0071 If race is marked 'Other, specify' then specify should be completed.
--->implies(INTOTR == 1, INTOTRS != null)

ADLT-0071rev If specify is completed then race should be marked 'Other, specify'.
--->revimplies(INTOTR == 1, INTOTRS != null)

ADLT-0072 The "PI Signature Date" must be on or after the "Date informed consent signed".
--->implies(SIGDGT != null, SIGDGT >= INFCDT)

ADLT-0073 If the subject has experienced any episodes of priapism then the PI is required to review, sign, and date the survey form.
--->implies((EPPSTYR == '1' || EPPSTYR == '2 to 5' || EPPSTYR == '6 to 20' || EPPSTYR == 'More than 20') || (EPPRIOR == '1' || EPPRIOR == '2 to 5' || EPPRIOR == '6 to 20' || EPPRIOR == 'More than 20'), SIGDGT != null)

ADLT-0074 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 1.
--->implies(NOANSWR != null, Q1NA == null && PRIAP == null)

ADLT-0075 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 2.
--->implies(NOANSWR != null, Q2NA == null && B4TODAY == null)

ADLT-0076 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 3.
--->implies(NOANSWR != null, Q3NA == null && PAIN == null)

ADLT-0077 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 4.
--->implies(NOANSWR != null, Q4NA == null && INFO == null)

ADLT-0078 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 5.
--->implies(NOANSWR != null, Q5ANA == null && EPPSTYR == null && Q5BNA == null && EPPRIOR == null)

ADLT-0079 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 6.
--->implies(NOANSWR != null, Q6ANA == null && AGEONLY == null && AGOONLY == null && YMOONLY == null && Q6BNA == null && DURMIN == null && DURHRS == null && DURDAY == null && DURUNK == null)

ADLT-0080 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 7.

--->implies(NOANSWR != null, Q7ANA == null && AGEFRST == null && AGOFRST == null && YMOFRST == null && Q7BNA == null && AGELAST == null && AGOLAST == null && YMOLAST == null)

ADLT-0081 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 8.
 --->implies(NOANSWR != null, Q8ANA == null && AVGMIN == null && AVGHRS == null && AVGDAY == null && AVGUNK == null && Q8BNA == null && SHRTMIN == null && SHRTHRS == null && SHRTDAY == null && SHRTUNK == null && Q8CNA == null && LONGMIN == null && LONGHRS == null && LONGDAY == null && LONGUNK == null && Q8DNA == null && LASTMIN == null && LASTHRS == null && LASTDAY == null && LASTUNK == null)

ADLT-0082 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 9.
 --->implies(NOANSWR != null, Q9ANA == null && START == null && Q9BNA == null && AWKASLP == null && Q9CNA == null && AWAKE == null && ASLEEP == null)

ADLT-0083 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 10.
 --->implies(NOANSWR != null, Q10ANA == null && SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null && CAUSEUK == null)

ADLT-0084 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 11.
 --->implies(NOANSWR != null, Q11ANA == null && IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null && NOHOMET == null)

ADLT-0085 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 12.
 --->implies(NOANSWR != null, Q12ANA == null && DURING == null)

ADLT-0086 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 13.
 --->implies(NOANSWR != null, Q13ANA == null && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && Q13ANA == null && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null)

ADLT-0087 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 14.
 --->implies(NOANSWR != null, Q14ANA == null && ASPIR == null && SHUNT == null && NOPROC == null && Q14ANA == null && ASPIRSP == null && SHUNTSP == null)

ADLT-0088 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 15.
--->implies(NOANSWR != null, Q15NA == null && CTRAN == null && Q15ANA == null && CTRANYS == null)

ADLT-0089 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 16.
--->implies(NOANSWR != null, Q16NA == null && HYDRX == null && Q16ANA == null && HYDRXYS == null)

ADLT-0090 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 17.
--->implies(NOANSWR != null, Q17ANA == null && WANTED == null && Q17BNA == null && OVRNITE == null && Q17CNA == null && INTRCRS == null && Q17DNA == null && IMPTNCE == null && Q17ENA == null && MEDICIN == null && MEDNAME == null && Q17FNA == null && IMPLANT == null)

ADLT-0091 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 18.
--->implies(NOANSWR != null, Q18NA == null && PROBLEM == null && Q18ANA == null && WORST == null)

ADLT-0092 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 19.
--->implies(NOANSWR != null, Q19NA == null && PRIAPSM == null)

ADLT-0093 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 20.
--->implies(NOANSWR != null, Q20NA == null && PRIAPSM == null)

ADLT-0002rev A response is expected for Question 1. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q1NA == 1, PRIAP == null)

ADLT-0003rev A response is expected for Question 2. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q2NA == 1, B4TODAY == null)

ADLT-0004rev A response is expected for Question 3. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q3NA == 1, PAIN == null)

ADLT-0005rev A response is expected for Question 4. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

ADLT-0006rev --->revimplies(Q4NA == 1, INFO == null)
 A response is expected for Question 5a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q5ANA == 1, EPPSTYR == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0007rev A response is expected for Question 5b. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q5BNA == 1, EPPRIOR == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0027rev A response is expected for Question 9a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q9ANA == 1, START == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0028rev A response is expected for Question 9b. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q9BNA == 1, AWKASLP == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0029rev If Question 9b is marked 'Awake', a response is expected for "How many hours after waking up does it usually begin?"
 --->implies(AWAKE == null && Q9CNA == null, AWKASLP != 'Awake')

ADLT-0030rev If Question 9b is marked 'Asleep/Wake up with', a response is expected for "How many hours after going to sleep does it usually begin?"
 --->implies(ASLEEP == null && Q9CNA == null, AWKASLP != 'Asleep')

ADLT-0031rev A response is expected for Question 9c. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q9CNA == 1, AWAKE == null && ASLEEP == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0032rev A response is expected for Question 10. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q10NA == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null &&

CAUSOTS == null && NOCAUSE == null && CAUSEUK == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-
0037rev

A response is expected for Question 11. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q11NA == 1, IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null && NOHOMET == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-
0041rev

A response is expected for Question 12. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q12NA == 1, DURING == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-
0042rev

If Questions 13 and 14 are left blank, then Question 12 should be 'No' or 'Do not remember'.

--->revimplies(DURING == 'No' || DURING == 'Do not reme', Q12NA == null && Q13NA == null && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && Q13ANA == null && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null && Q14NA == null && ASPIR == null && SHUNT == null && NOPROC == null && Q14ANA == null && ASPIRSP == null && SHUNTSP == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-
0043rev

A response is expected for Question 13. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->implies(DURING == 'Yes' && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && (PAIN == 'Yes' || PAIN == 'Not sure'), Q13NA != null)

ADLT-
0044rev

If Question 13 - none of the treatments listed are marked, then "None/Does not remember any treatments to end the priapism" should be marked.

--->implies(ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && DURING == 'Yes' && Q13NA == null, NOTREAT == 1)

ADLT-
0045rev

A response is expected for Question 13a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(DURING == 'Yes' && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null, Q13ANA == 1 && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-

If 'Pain medication by mouth' is marked then how this treatment affected the

0145rev priapism should be marked.
--->implies(ORALMED != null && Q13ANA == null, ORALSP != null)

ADLT-0245rev If 'Intravenous or IV fluid' is marked then how this treatment affected the priapism should be marked.
--->implies(IVFLUID != null && Q13ANA == null, FLUIDSP != null)

ADLT-0345rev If 'Pain medication by vein or shot' is marked then how this treatment affected the priapism should be marked.
--->implies(IVMED != null && Q13ANA == null, IVMEDSP != null)

ADLT-0445rev If 'Red blood cell transfusion' is marked then how this treatment affected the priapism should be marked.
--->implies(TRAN != null && Q13ANA == null, TRANSP != null)

ADLT-0046rev A response is expected for Question 14. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->implies(DURING == 'Yes' && ASPIR == null && SHUNT == null && NOPROC == null && (PAIN == 'Yes' || PAIN == 'Not sure'), Q14NA == 1)

ADLT-0047rev If Question 14 - none of the procedures listed are marked, then "None/Does not remember any procedures to end the priapism" should be marked .
--->implies(ASPIR == null && SHUNT == null && DURING == 'Yes' && Q14NA == null, NOPROC == 1)

ADLT-0048rev A response is expected for Question 14a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(DURING == 'Yes' && ASPIRSP == null && SHUNTSP == null, Q14ANA == 1 && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0049rev If 'Aspiration, irrigation, or injection' is marked, then 'how this procedure affected the priapism' should be completed.
--->revimplies(ASPIR == null, ASPIRSP == null && Q14ANA == null)

ADLT-0050rev If 'Surgical procedure or shunt' is marked, then 'how this procedure affected the priapism' should be completed.
--->revimplies(SHUNT == null, SHUNTSP == null && Q14ANA == null)

ADLT-0051rev A response is expected for Question 15. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q15NA == 1, CTRAN == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0052rev If Question 15 is 'Yes', then Question 15a should be completed.
--->revimplies(CTRAN != 'Yes', CTRANYS == null && Q15ANA == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT- A response is expected for Question 15a. If the subject declined to answer

0053rev the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(CTRAN == 'Yes' && CTRANYS == null, Q15ANA == 1 && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0054rev A response is expected for Question 16. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q16NA == 1, HYDRX == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0055rev If Question 16 is 'Yes', then Question 16a should be completed.
--->revimplies(HYDRX != 'Yes', HYDRXYS == null && Q16ANA == null)

ADLT-0056rev A response is expected for Question 16a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->implies(HYDRX == 'Yes' && HYDRXYS == null && (PAIN == 'Yes' || PAIN == 'Not sure'), Q16ANA == 1)

ADLT-0057rev A response is expected for Question 17a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q17ANA == 1, WANTED == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0058rev A response is expected for Question 17b. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q17BNA == 1, OVRNITE == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0059rev A response is expected for Question 17c. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q17CNA == 1, INTRCRS == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0060rev A response is expected for Question 17d. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q17DNA == 1, IMPTNCE == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0061rev A response is expected for Question 17e. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q17ENA == 1, MEDICIN == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0063rev A response is expected for Question 17f. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q17FNA == 1, IMPLANT == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0064rev A response is expected for Question 18. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q18NA == 1, PROBLEM == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

ADLT-0065rev If Question 18 is 'About the same as everything else' OR 'Not as bad as other problems', then Question 18a should be completed.
 --->implies(WORST == null && Q18NA == null && Q18ANA == null && (PAIN == 'Yes' || PAIN == 'Not sure'), PROBLEM == 'The worst p')

ADLT-0068rev A response is expected for Question 20. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q20NA == 1, CONTACT == null)

Datastream : DEMO

Associated Forms : Medical History

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
COMPDA	Completion Date (Day)	number	2.	yes	none		
COMPMO	Completion Date (Month)	number	2.	yes	none		
COMPYR	Completion Date (Year)	number	4.	yes	none		
COMPDT	Completion Date	date	DATE9.	yes	range	2005-06-01	2008-03-30
DOBDA	Date of birth (Day)	number	2.	yes	none		
DOBMO	Date of birth (Month)	number	2.	yes	none		
DOBYR	Date of birth (Year)	number	4.	yes	none		
DOBBDT	Date of birth	date	DATE9.	yes	range	1925-01-01	2008-03-30
HGBDA	Hemoglobin lab date (Day)	number	2.	no	none		

Datastream : DEMO

Associated Forms : Medical History

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
HGBMO	Hemoglobin lab date (Month)	number	2.	no	none		
HGBYR	Hemoglobin lab date (Year)	number	4.	no	none		
HGBDT	Hemoglobin lab date	date	DATE9.	no	range	1980-01-01	2008-03-30
PLTDA	Platelet lab date (Day)	number	2.	no	none		
PLTMO	Platelet lab date (Month)	number	2.	no	none		
PLTYR	Platelet lab date (Year)	number	4.	no	none		
PLTDT	Platelet lab date	date	DATE9.	no	range	1980-01-01	2008-03-30
WBCDA	WBC lab date (Day)	number	2.	no	none		
WBCMO	WBC lab date (Month)	number	2.	no	none		
WBCYR	WBC lab date (Year)	number	4.	no	none		
WBCDT	WBC lab date	date	DATE9.	no	range	1980-01-01	2008-03-30
O2SATDA	O2 saturation lab date (Day)	number	2.	no	none		
O2SATMO	O2 saturation lab date (Month)	number	2.	no	none		
O2SATYR	O2 saturation lab date (Year)	number	4.	no	none		
O2SATDT	O2 saturation lab date	date	DATE9.	no	range	1980-01-01	2008-03-30
COMPLT	Person completing form	text	\$3.	yes	none		
DIAGNOS	Diagnosis ->SB+thal ->SB0thal ->SC ->SS	text	\$7.	yes	value		
VISITMO	Date 1st seen, Month ->Apr ->Aug ->Dec ->Feb ->Jan ->Jul ->Jun ->Mar ->May ->Nov ->Oct ->Sep	text	\$3.	no	value		
VISITYR	Date 1st seen, Year	number	4.	no	range	1960	2008

Datastream : DEMO

Associated Forms : Medical History

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
FIRSTUK	Date 1st seen, Unknown	number	1.	no	range	1	1
HOSPOTH	Admissions at other hospitals ->No ->Unknown ->Yes	text	\$7.	no	value		
HOSPYR	Years at another hospital	number	2.	no	none		
HOSPNME	List hospital names	text	\$80.	no	none		
CENSUS	Enrolled in C-Data? ->No ->Yes	text	\$3.	yes	value		
SPLSQ	Splenic sequestration ->No ->Unknown ->Yes	text	\$7.	no	value		
SPLSQYR	Spleen Seq. - year of 1st Dx	number	4.	no	range	1925	2008
SPTMY	Splenectomy ->No ->Unknown ->Yes	text	\$7.	no	value		
SPTMYR	Splenectomy - year of 1st Dx	number	4.	no	range	1925	2008
DACTL	Dactylitis ->No ->Unknown ->Yes	text	\$7.	no	value		
DACTLYR	Dactylitis - year of 1st Dx	number	4.	no	range	1925	2008
ULCER	Leg Ulcers ->No ->Unknown ->Yes	text	\$7.	no	value		
ULCERYR	Leg ulcers - year of 1st Dx	number	4.	no	range	1925	2008
AVASC	Avascular Necrosis ->No ->Unknown ->Yes	text	\$7.	no	value		
BONE1	Avascular necrosis 1st bone	text	\$40.	no	none		
BONE1YR	AVN Bone 1-Year of 1st Dx	number	4.	no	range	1925	2008
BONE2	Avascular necrosis 2nd bone	text	\$40.	no	none		
BONE2YR	AVN Bone 2-Year of 1st Dx	number	4.	no	range	1925	2008
BONE3	Avascular necrosis 3rd bone	text	\$40.	no	none		

Datastream : DEMO

Associated Forms : Medical History

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
BONE3YR	AVN Bone 3-Year of 1st Dx	number	4.	no	range	1925	2008
PULMHYP	Pulmonary hypertension ->No ->Unknown ->Yes	text	\$7.	yes	value		
PULMTST	Pulmonary Hypertension-Tests performed	text	\$600.	no	none		
SCELRET	Sickle cell retinopathy ->No ->Unknown ->Yes	text	\$7.	yes	value		
SCELTST	Sickle Cell Retinopathy -Tests performed	text	\$600.	no	none		
STRKE	Stroke ->No ->Unknown ->Yes	text	\$7.	no	value		
STRKEYR	Stroke - year of 1st Dx	number	4.	no	range	1925	2008
ACUTE	Acute renal failure ->No ->Unknown ->Yes	text	\$7.	no	value		
ACUTEYR	Acute renal failure - year of 1st Dx	number	4.	no	range	1925	2008
CHRNC	Chronic renal failure ->No ->Unknown ->Yes	text	\$7.	yes	value		
DIALSIS	Dialysis ->No ->Yes	text	\$3.	no	value		
PNCRS	Admission for painful crisis ->No ->Unknown ->Yes	text	\$7.	yes	value		
NUMPCRS	Number of painful crises ->10 or more -><10	text	\$10.	no	value		
CHEST	Acute chest syndrome ->No	text	\$7.	yes	value		

Datastream : DEMO

Associated Forms : Medical History

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->Unknown						
	->Yes						
ACSLST3	Episodes in last 3 years	number	2.	no	range	0	10
ACS3AGO	Episodes 3 or more yrs ago	number	2.	no	range	0	30
NOLABS	No steady state labs	number	1.	no	range	1	1
LABSPEC	No labs, specify	text	\$40.	no	none		
HMGLBN	Hemoglobin (g/dL)	number	4.1	no	range	5.0	25.0
PLTLET	Platelet	number	3.	no	range	20	999
WBC	WBC	number	5.2	no	range	0.50	50.00
O2SAT	Room O2 saturation	number	3.	no	range	50	100
O2SATND	Not done/ Data not available	number	1.	no	range	1	1
O2METH	O2 method of measurement	text	\$14.	no	value		
	->Other						
	->Pulse oximeter						
O2METHS	Other method of O2 saturation	text	\$40.	no	none		
CTRAN	Chronic transfusion therapy	text	\$7.	yes	value		
	->No						
	->Unknown						
	->Yes						
CTRANY5	If chronic tran yes, freq of priapism	text	\$80.	no	value		
	->Increased						
	->Decreased						
	->Stayed about the same						
	->Don't know						
	->Patient was not having episodes of priapism when chronic transfusion was started						
HYDRX	Hydroxyurea therapy	text	\$7.	yes	value		
	->No						
	->Unknown						
	->Yes						
HYDRXYS	If Hu yes, frequency of priapism	text	\$72.	no	value		
	->Increased						
	->Decreased						
	->Stayed about the same						
	->Don't know						
	->Patient was not having						

Datastream : DEMO

Associated Forms : Medical History

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
AWARE	episodes of priapism when Hydroxyurea was started Aware of having priapism? ->No ->Yes	text	\$3.	yes	value		
NARCTC	Narcotics and hydrations episodes	number	1.	no	range	1	1
TRNSFSN	Transfusion (simple or chronic)	number	1.	no	range	1	1
ASPIRRG	Aspiration/irrigation-prolonged episodes	number	1.	no	range	1	1
PSEUDO	Pseudophedrine for prevention	number	1.	no	range	1	1
SHUNTS	Surgical shunts (Winter or Glenn shunt)	number	1.	no	range	1	1
OTHTX	Other priapism treatment	number	1.	no	range	1	1
OTHTXSP	Other treatment specify	text	\$80.	no	none		
NOTREAT	No specific treatment	number	1.	no	range	1	1
ISSUES	Other issues relevant to priapism	text	\$600.	no	none		
NOSHOW	Patient did not present for survey	number	1.	no	range	1	1
COMMENT	Comments	text	\$600.	no	none		

Edit Checks

- DEMO-0001 Either year first seen in this Center should be completed or "Date first seen in this center" should be marked 'Unknown', but not both.
--->implies(CENSUS == 'No', xor(VISITYR != null, FIRSTUK == 1))
- DEMO-0002 If Question 5 is answered 'No' or 'Unknown' then the # years at other hospital(s) and the hospital name(s) should not be completed.
--->implies(HOSPOTH != 'Yes', HOSPYR == null && HOSPNME == null)
- DEMO-0003 If "Is this subject enrolled in C-Data?" (Question 3) is 'No' then Questions 4-6 must be completed.
--->implies(CENSUS == 'No', HOSPOTH != null && SPLSQ != null && SPTMY != null && DACTL != null && ULCER != null && STRKE != null && ACUTE != null && AVASC != null)
- DEMO-0004 If "Splenic sequestration" (Question 6) is not answered 'Yes' then the year of first diagnosis should not be completed.
--->implies(SPLSQ != 'Yes', SPLSQYR == null)
- DEMO-0005 If "Splenectomy" (Question 6) is not answered 'Yes' then the year of first diagnosis should not be completed.
--->implies(SPTMY != 'Yes', SPTMYR == null)
- DEMO-0006 If "Dactylitis" (Question 6) is not answered 'Yes' then the year of first diagnosis should not be completed.
--->implies(DACTL != 'Yes', DACTLYR == null)
- DEMO-0007 If "Leg ulcers" (Question 6) is not answered 'Yes' then the year of first diagnosis should not be completed.
--->implies(ULCER != 'Yes', ULCERYR == null)
- DEMO-0008 If "Avascular necrosis" (Question 6) is not answered 'Yes' then the bones involved should not be completed.
--->implies(AVASC != 'Yes', BONE1 == null && BONE2 == null && BONE3 == null)
- DEMO-0009 If a year of first diagnosis is completed then the bone involved should be entered.
--->implies(BONE1YR != null, BONE1 != null)
- DEMO-0010 If a year of first diagnosis is completed then the bone involved should be entered.
--->implies(BONE2YR != null, BONE2 != null)
- DEMO-0011 If a year of first diagnosis is completed then the bone involved should be entered.
--->implies(BONE3YR != null, BONE3 != null)
- DEMO-0012 If "Pulmonary hypertension" (Question 7) is answered 'No' or 'Unknown' then the tests performed for diagnosis should not be completed.
--->implies(PULMHYP != 'Yes', PULMTST == null)
- DEMO-0013 If "Sickle cell retinopathy" (Question 7) is answered 'No' or 'Unknown' then the tests performed for diagnosis should not be completed.

DEMO-0014 --->implies(SCELRET != 'Yes', SCELST == null)
 If "Stroke" (Question 6) is not answered 'Yes' then the year of first diagnosis should not be completed.
 --->implies(STRKE != 'Yes', STRKEYR == null)

DEMO-0015 If "Acute renal failure" (Question 6) is not answered 'Yes' then the year of first diagnosis should not be completed.
 --->implies(ACUTE != 'Yes', ACUTEYR == null)

DEMO-0016 If "Chronic renal failure" (Question 7) is answered 'No' or 'Unknown' then "If yes, dialysis?" should be left blank.
 --->implies(CHRNC != 'Yes', DIALSIS == null)

DEMO-0017 If "Admission for painful crisis" (Question 7) is answered 'No' or 'Unknown' then "If yes, # times?" should be left blank.
 --->implies(PNCRS != 'Yes', NUMPCRS == null)

DEMO-0018 If "Acute chest syndrome" (Question 7) is answered 'No' or 'Unknown' then the number of episodes in the last 3 years and 3 or more years ago should be left blank.
 --->implies(CHEST != 'Yes', ACSLST3 == null && ACS3AGO == null)

DEMO-0022 If Question 9 is answered 'No' or 'Unknown' then Question 9a should not be answered.
 --->implies(CTRAN != 'Yes', CTRANYS == null)

DEMO-0023 If Question 10 is answered 'No' or 'Unknown' then Question 10a should not be answered.
 --->implies(HYDRX != 'Yes', HYDRXYS == null)

DEMO-0024 If Question 11 is answered 'No' then Question 11a should not be answered.
 --->implies(AWARE != 'Yes', NARCTC == null && TRNSFSN == null && ASPIRRG == null && PSEUDO == null && SHUNTS == null && OTHTX == null && OTHTXSP == null && NOTREAT == null)

DEMO-0025 If Question 11a is marked 'Other, specify' then specify should be completed.
 --->implies(OTHTX == 1, OTHTXSP != null)

DEMO-0025rev If specify is completed then Question 11a should be marked 'Other, specify'.
 --->revimplies(OTHTX == 1, OTHTXSP != null)

DEMO-0026 If Question 11a is marked 'No specific treatment' then none of the methods of management or treatment should be marked.
 --->implies(NOTREAT == 1, NARCTC == null && TRNSFSN == null && ASPIRRG == null && PSEUDO == null && SHUNTS == null && OTHTX == null && OTHTXSP == null)

DEMO-0004rev If "Splenic sequestration" (Question 6) is 'Yes', then the 'Year of first diagnosis' should be completed.
 --->revimplies(SPLSQ != 'Yes', SPLSQYR == null)

DEMO- 'If "Splenectomy" (Question 6) is 'Yes', then the 'Year of first diagnosis'

0005rev should be completed
--->revimplies(SPTMY != 'Yes', SPTMYR == null)

DEMO-0006rev If "Dactylitis" (Question 6) is 'Yes', then the 'Year of first diagnosis' should be completed.
--->revimplies(DACTL != 'Yes', DACTLYR == null)

DEMO-0007rev If "Leg ulcers" (Question 6) is 'Yes', then the 'Year of first diagnosis' should be completed.
--->revimplies(ULCER != 'Yes', ULCERYR == null)

DEMO-0008rev If "Avascular necrosis" (Question 6) is 'Yes', then the 'Bone involved' should be completed.
--->revimplies(AVASC != 'Yes', BONE1 == null && BONE2 == null && BONE3 == null)

DEMO-0009rev If bone involved is entered, then a year of first diagnosis should be completed.
--->revimplies(BONE1YR !=null, BONE1 != null)

DEMO-0010rev If the bone involved is entered, then the year of first diagnosis should be completed.
--->revimplies(BONE2YR !=null, BONE2 != null)

DEMO-0011rev If the bone involved is entered, then the year of first diagnosis should be completed.
--->revimplies(BONE3YR !=null, BONE3 != null)

DEMO-0012rev If Pulmonary hypertension (Question 7) is 'Yes', then a response is expected for tests performed for diagnosis.
--->revimplies(PULMHYP != 'Yes', PULMTST == null)

DEMO-0013rev If Sickle cell retinopathy (Question 7) is 'Yes', then a response is expected for tests performed for diagnosis.
--->revimplies(SCELRET != 'Yes', SCELSTST == null)

DEMO-0014rev If "Stroke" (Question 6) is 'Yes', then the 'Year of first diagnosis' should be completed.
--->revimplies(STRKE != 'Yes', STRKEYR == null)

DEMO-0015rev If "Acute renal failure" (Question 6) is 'Yes', then the 'Year of first diagnosis' should be completed.
--->revimplies(ACUTE != 'Yes', ACUTEYR == null)

DEMO-0016rev If "Chronic renal failure" (Question 6) is 'Yes', then a response to 'dialysis?' is expected.
--->revimplies(CHRNC != 'Yes', DIALSIS == null)

DEMO-0017rev If "Admission for painful crisis" (Question 7) is 'Yes', then # of times should be completed.
--->revimplies(PNCRS != 'Yes', NUMPCRS == null)

DEMO-0018rev If "Acute chest syndrome" (Question 7) is 'Yes', then # of episodes should be completed.
--->revimplies(CHEST != 'Yes', ACSLST3 == null && ACS3AGO == null)

DEMO- If Question 9 is 'Yes', then Question 9a should be completed.

0022rev
--->revimplies(CTRAN != 'Yes', CTRANYS == null)

DEMO-0023rev
If Question 10 is 'Yes', then Question 10a should be completed.
--->revimplies(HYDRX != 'Yes', HYDRXYS == null)

DEMO-0024rev
If Question 11 is 'Yes', then Question 11a should be completed
--->revimplies(AWARE != 'Yes', NARCTC == null && TRNSFSN == null && ASPIRRG == null && PSEUDO == null && SHUNTS == null && OTHTX == null && OTHTXSP == null && NOTREAT == null)

DEMO-0027
The Hemoglobin Date Test Performed should be equal to or later than the Date of Birth.
--->implies(HGBDT != null, HGBDT >= DOBDT)

DEMO-0028
The Platelet Count Date Test Performed should be equal to or later than the Date of Birth.
--->implies(PLTDT != null, PLTDT >= DOBDT)

DEMO-0029
The WBC Date Test Performed should be equal to or later than the Date of Birth.
--->implies(WBCDT != null, WBCDT >= DOBDT)

DEMO-0030
The Room Air O2 Sat Date Test Performed should be equal to or later than the Date of Birth.
--->implies(O2SATDT != null, O2SATDT >= DOBDT)

DEMO-0031
The Date Form Completed should be later than the Date of Birth.
--->COMPDT > DOBDT

DEMO-0032
Since 'No steady state labs' is checked, the 'specify' field must be completed.
--->implies(NOLABS != null, LABSPEC != null)

DEMO-0032rev
Since the 'specify' field is completed, the 'no steady state labs' checkbox should be checked.
--->revimplies(NOLABS != null, LABSPEC != null)

DEMO-0033
Since 'No steady state labs' is checked, there should not be a value recorded for Hemoglobin.
--->implies(NOLABS != null, HMGLBN == null)

DEMO-0033rev
Since the 'No steady state labs' checkbox is not checked, there should be a value recorded for Hemoglobin.
--->revimplies(NOLABS != null, HMGLBN == null)

DEMO-0034
Since 'No steady state labs' is checked, there should not be a value recorded for Platelet count.
--->implies(NOLABS != null, PLTLET == null)

DEMO-0034rev
Since the 'No steady state labs' checkbox is not checked, there should be a value recorded for Platelet count.
--->revimplies(NOLABS != null, PLTLET == null)

DEMO-0035 Since 'No steady state labs' is checked, there should not be a value recorded for WBC.
--->implies(NOLABS != null, WBC == null)

DEMO-0035rev Since the 'No steady state labs' checkbox is not checked, there should be a value recorded for WBC.
--->revimplies(NOLABS != null, WBC == null)

DEMO-0036 Since 'No steady state labs' is checked, there should not be a value recorded for the Hemoglobin date field.
--->implies(NOLABS != null, HGBDT == null)

DEMO-0036rev Since the 'No steady state labs' checkbox is not checked, there should be a value recorded for the Hemoglobin date field.
--->revimplies(NOLABS != null, HGBDT == null)

DEMO-0037 Since 'No steady state labs' is checked, there should not be a value recorded for the Platelet count date field.
--->implies(NOLABS != null, PLTDT == null)

DEMO-0037rev Since the 'No steady state labs' checkbox is not checked, there should be a value recorded for the Platelet count date field.
--->revimplies(NOLABS != null, PLTDT == null)

DEMO-0038 Since 'No steady state labs' is checked, there should not be a value recorded for the WBC date field.
--->implies(NOLABS != null, WBCDT == null)

DEMO-0038rev Since the 'No steady state labs' checkbox is not checked, there should be a value recorded for the WBC date field.
--->revimplies(NOLABS != null, WBCDT == null)

DEMO-0043 Either Room air O2 Sat or Not done/Data not available should be completed.
--->implies(NOLABS == null, xor(O2SAT,O2SATND))

DEMO-0039 Since there is a value recorded for 'Room air O2 Sat', the 'Room air O2 Sat' date should be completed.
--->implies(O2SAT != null, O2SATDT != null)

DEMO-0039rev Since 'Room air O2 Sat date' has been completed, there should be a value recorded for the 'Room air O2 Sat' field.
--->revimplies(O2SAT != null, O2SATDT != null)

DEMO-0040 Since the 'Not done/Data not available' checkbox is checked, the Method used for Determination should not be completed.
--->implies(O2SATND != null, O2METH == null)

DEMO-0041 Since a value is recorded for 'Room air O2 Sat', the Method used for determination should be completed.
--->implies(O2SAT != null, O2METH != null)

DEMO-0041rev Since the Method used for determination is completed, a value should be recorded for 'Room air O2 Sat'.
--->revimplies(O2SAT != null, O2METH != null)

DEMO- Since the Method used for determination is Other, Specify should be

0044 completed.
 --->implies(O2METH == 'Other', O2METHS != null)
 DEMO- Since the Specify is completed, Method used for determination should be
 0044rev Other.
 --->revimplies(O2METH == 'Other', O2METHS != null)

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
INTDA	Interview Date (Day)	number	2.	yes	none		
INTMO	Interview Date (Month)	number	2.	yes	none		
INTYR	Interview Date (Year)	number	4.	yes	none		
INTDT	Interview Date	date	DATE9.	yes	range	2005-06-01	2008-03-30
INFCDA	Informed Consent Date (Day)	number	2.	yes	none		
INFCMO	Informed Consent Date (Month)	number	2.	yes	none		
INFCYR	Informed Consent Date (Year)	number	4.	yes	none		
INFCDT	Informed Consent Date	date	DATE9.	yes	range	2005-06-01	2008-03-30
SIGDA	Signature Date (Day)	number	2.	no	none		
SIGMO	Signature Date (Month)	number	2.	no	none		
SIGYR	Signature Date (Year)	number	4.	no	none		
SIGDT	Signature Date	date	DATE9.	no	range	2005-06-01	2008-03-30
INTINIT	Interviewer's initials	text	\$3.	yes	none		
NOANSWR	Patient chose not to attempt survey	number	1.	no	range	1	1
Q1NA	Chose not to answer Q1	number	1.	no	range	1	1
PRIAP	Heard the word "priapism" before? ->No ->Not sure ->Yes	text	\$8.	no	value		
Q2NA	Chose not to answer Q2	number	1.	no	range	1	1
B4TODAY	Heard of priapism in SCD? ->No ->Not sure ->Yes	text	\$8.	no	value		
Q3NA	Chose not to answer Q3	number	1.	no	range	1	1
PAIN	Had painful unwanted erections? ->No	text	\$8.	no	value		

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->Not sure ->Yes						
Q4NA	Chose not to answer Q4	number	1.	no	range	1	1
INFO	Doctor talked with you about priapism? ->No ->Not sure ->Yes	text	\$8.	no	value		
Q5ANA	Chose not to answer Q5A	number	1.	no	range	1	1
EPPSTYR	# Episodes of priapism in last year ->1 ->2 to 5 ->6 to 20 ->Don't know ->More than 20 ->None	text	\$12.	no	value		
Q5BNA	Chose not to answer Q5B	number	1.	no	range	1	1
EPPRIOR	# Episodes priapism prior to past year ->1 ->2 to 5 ->6 to 20 ->Don't know ->More than 20 ->None	text	\$12.	no	value		
Q6ANA	Chose not to answer Q6A	number	1.	no	range	1	1
AGEONLY	Age at episode	number	2.	no	none		
AGOONLY	Episode occurred how long ago?	number	2.	no	none		
YMOONLY	Years or months ago episode occurred ->Months ago ->Years ago	text	\$10.	no	value		
Q6BNA	Chose not to answer Q6B	number	1.	no	range	1	1
DURMIN	Duration of episode in minutes	number	3.	no	range	0	300
DURHRS	Duration of episode in hours	number	2.	no	range	0	24
DURDAY	Duration of episode in days	number	2.	no	range	0	10
DURUNK	Don't know duration	number	1.	no	range	1	1
Q7ANA	Chose not to answer Q7A	number	1.	no	range	1	1

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
AGEFRST	Age at first episode	number	2.	no	none		
AGOFRST	First episode occurred how long ago?	number	2.	no	none		
YMOFRST	Years or months ago-first episode ->Months ago ->Years ago	text	\$10.	no	value		
Q7BNA	Chose not to answer Q7B	number	1.	no	range	1	1
AGELAST	Age at last episode	number	2.	no	none		
AGOLAST	Last episode occurred how long ago?	number	2.	no	none		
YMOLAST	Years or months ago-last episode ->Months ago ->Years ago	text	\$10.	no	value		
Q8ANA	Chose not to answer Q8A	number	1.	no	range	1	1
AVGMIN	Duration of average episode in min.	number	2.	no	range	0	59
AVGHRS	Duration of average episode in hours	number	2.	no	range	0	23
AVGDAY	Duration of average episode in days	number	2.	no	range	0	10
AVGUNK	Don't know average duration	number	1.	no	range	1	1
Q8BNA	Chose not to answer Q8B	number	1.	no	range	1	1
SHRTMIN	Duration of shortest episode in min.	number	2.	no	range	0	59
SHRTHRS	Duration of shortest episode in hours	number	2.	no	range	0	23
SHRTDAY	Duration of shortest episode in days	number	2.	no	range	0	10
SHRTUNK	Don't know shortest duration	number	1.	no	range	1	1
Q8CNA	Chose not to answer Q8C	number	1.	no	range	1	1
LONGMIN	Duration of longest episode in min.	number	2.	no	range	0	59
LONGHRS	Duration of longest episode in hours	number	2.	no	range	0	23
LONGDAY	Duration of longest episode in days	number	2.	no	range	0	10
LONGUNK	Don't know longest duration	number	1.	no	range	1	1
Q8DNA	Chose not to answer Q8D	number	1.	no	range	1	1
LASTMIN	Duration of last episode in min.	number	2.	no	range	0	59

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
LASTHRS	Duration of last episode in hours	number	2.	no	range	0	23
LASTDAY	Duration of last episode in days	number	2.	no	range	0	10
LASTUNK	Don't know last duration	number	1.	no	range	1	1
Q9ANA	Chose not to answer Q9A	number	1.	no	range	1	1
START	Time of day priapism often starts ->4 in the afternoon to midnight ->4 in the morning to 8 in the morning ->8 in the morning to 4 in the afternoon ->Midnight to 4 in the morning	text	\$38.	no	value		
Q9BNA	Chose not to answer Q9B	number	1.	no	range	1	1
AWKASLP	Occurs when awake or asleep? ->Asleep ->Awake	text	\$6.	no	value		
Q9CNA	Chose not to answer Q9C	number	1.	no	range	1	1
AWAKE	How long after waking does it begin? ->0-2 hours after waking up ->2-12 hours after waking up ->>12 hours after waking up	text	\$26.	no	value		
ASLEEP	How long after sleep does it begin? ->0-4 hours after going to sleep ->4-8 hours after going to sleep ->8-12 hours after going to sleep ->>12 hours after going to sleep	text	\$31.	no	value		
Q10NA	Chose not to answer Q10	number	1.	no	range	1	1
SLEEP	Sleeping	number	1.	no	range	1	1
CONSTIP	Constipation	number	1.	no	range	1	1
BREATHE	Trouble breathing	number	1.	no	range	1	1
SEXACT	Sexual activity	number	1.	no	range	1	1

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
SEXTHTS	Sexual thoughts	number	1.	no	range	1	1
ALCOHOL	Alcohol use	number	1.	no	range	1	1
MEDS	Medication or drug use	number	1.	no	range	1	1
MEDSSP	Specify drug if known	text	\$80.	no	none		
CAUSOT	Other priapism cause	number	1.	no	range	1	1
CAUSOTS	Other priapism cause, specify	text	\$80.	no	none		
NOCAUSE	None-No priapism causes	number	1.	no	range	1	1
CAUSEUK	Don't know-priapism causes	number	1.	no	range	1	1
Q11NA	Chose not to answer Q11	number	1.	no	range	1	1
IBUPRO	Take non-narcotic pain medication	number	1.	no	range	1	1
CODEINE	Take opioids	number	1.	no	range	1	1
MEDOT	Other medication (treatment)	number	1.	no	range	1	1
MEDOTS	Other medication (treatment), specify	text	\$80.	no	none		
URINATE	Pee/pass urine/urinate	number	1.	no	range	1	1
SHOWER	Take a shower or bath	number	1.	no	range	1	1
REST	Rest and relax	number	1.	no	range	1	1
EXRCISE	Mild exercise/Get up and walk around	number	1.	no	range	1	1
FLUIDS	Increase fluids	number	1.	no	range	1	1
TXOTH	Other treatment for priapism at home	number	1.	no	range	1	1
TXOTHS	Other treatment, specify	text	\$80.	no	none		
NOHOMET	Treat priapism at home - None	number	1.	no	range	1	1
Q12NA	Chose not to answer Q12	number	1.	no	range	1	1
DURING	ER,hospital,or doctor during an episode ->Do not remember ->No ->Yes	text	\$15.	no	value		
Q13NA	Chose not to answer Q13	number	1.	no	range	1	1
Q13ANA	Chose not to answer Q13A	number	1.	no	range	1	1
ORALMED	Pain medication by mouth	number	1.	no	range	1	1
ORALSP	What happened due to med. by mouth ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do	text	\$38.	no	value		

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	not remember						
IVFLUID	Intravenous or IV fluid	number	1.	no	range	1	1
FLUIDSP	What happened due to IV fluid ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
IVMED	Pain medication by vein or shot	number	1.	no	range	1	1
IVMEDSP	What happened due to med. by vein ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
TRAN	Red blood cell transfusion	number	1.	no	range	1	1
TRANSP	What happened due to transfusion ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
NOTREAT	Does not remember any treatments	number	1.	no	range	1	1
Q14NA	Chose not to answer Q14	number	1.	no	range	1	1
Q14ANA	Chose not to answer Q14A	number	1.	no	range	1	1
ASPIR	Aspiration or irrigation	number	1.	no	range	1	1
ASPIRSP	What happened due to aspiration? ->Erection went away/Pain decreased ->Got worse ->Stayed about the same/Do not remember	text	\$38.	no	value		
SHUNT	Surgical procedure or shunt	number	1.	no	range	1	1
SHUNTSP	What happened due to shunt? ->Erection went away/Pain decreased ->Got worse	text	\$38.	no	value		

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->Stayed about the same/Do not remember						
NOPROC	Does not remember any procedures	number	1.	no	range	1	1
Q15NA	Chose not to answer Q15	number	1.	no	range	1	1
CTRAN	Chronic transfusion therapy	text	\$15.	no	value		
	->Do not remember						
	->No						
	->Yes						
Q15ANA	Chose not to answer Q15A	number	1.	no	range	1	1
CTRANYS	If chronic tran yes, what happened?	text	\$72.	no	value		
	->Increased						
	->Decreased						
	->Stayed about the same						
	->Was not having episodes of priapism when chronic transfusion was started						
	->Don't know						
Q16NA	Chose not to answer Q16	number	1.	no	range	1	1
HYDRX	Hydroxyurea therapy	text	\$10.	no	value		
	->Don't know						
	->No						
	->Yes						
Q16ANA	Chose not to answer Q16A	number	1.	no	range	1	1
HYDRXYS	If Hu yes, what happened?	text	\$64.	no	value		
	->Increased						
	->Decreased						
	->Stayed about the same						
	->Was not having episodes of priapism when Hydroxyurea was started						
	->Don't know						
Q17ANA	Chose not to answer Q17A	number	1.	no	range	1	1
ERECTNS	Get erections?	text	\$10.	no	value		
	->Don't know						
	->No						
	->Yes						
Q17BNA	Chose not to answer Q17B	number	1.	no	range	1	1
OVRNITE	Get erections overnight?	text	\$10.	no	value		
	->Don't know						

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->No ->Yes						
Q18NA	Chose not to answer Q18	number	1.	no	range	1	1
PROBLEM	Compare priapism to other problems ->About the same as everything else ->Not as bad as other problems ->The worst problem	text	\$33.	no	value		
Q18ANA	Chose not to answer Q18A	number	1.	no	range	1	1
WORST	Was priapism ever the worst problem? ->Do not remember ->No ->Yes	text	\$15.	no	value		
Q19NA	Chose not to answer Q19	number	1.	no	range	1	1
PRIAPSM	Comments about priapism	text	\$255.	no	none		
Q20NA	Chose not to answer Q20	number	1.	no	range	1	1
CONTACT	May we contact you about future studies? ->No ->Yes	text	\$3.	no	value		
PRESENT	Who was present during interview? ->Parent/guardian alone ->Patient alone ->Patient and parent/guardian together	text	\$36.	yes	value		
ANSWER	Who answered questions? ->Parent/guardian alone ->Patient alone ->Patient and parent/guardian together	text	\$36.	yes	value		
CNTXT	What context did interview occur? ->Callback ->Chronic Transfusion ->Health Fair ->Hydroxyurea ->Other	text	\$19.	yes	value		

Datastream : MINR

Associated Forms : Survey Instrument Age 5-14

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
	->Routine Visit ->Urgent Care Visit						
CNTXTSP	Other interview context, specify	text	\$40.	no	none		
GENDER	Interviewer gender ->Female ->Male	text	\$6.	yes	value		
AGE	Interviewer age ->31-49 years -><= 30 years ->>= 50 years	text	\$11.	yes	value		
INTETH	Interviewer ethnicity ->Hispanic or Latino ->Not Hispanic or Latino	text	\$22.	yes	value		
INTAMIN	American Indian/Alaskan Native	number	1.	no	range	1	1
INTASIA	Asian	number	1.	no	range	1	1
INTAFAM	Black or African American	number	1.	no	range	1	1
INTHAWA	Native Hawaiian / other Pacific Islander	number	1.	no	range	1	1
INTWHITE	White	number	1.	no	range	1	1
INTOTR	Other race	number	1.	no	range	1	1
INTOTRS	Specify other race	text	\$20.	no	none		
SIGNTRE	PI signature present?	number	1.	no	range	1	1
COMMENT	Comments	text	\$600.	no	none		

Edit Checks

- MINR-0001 The "Interview Date" must be on or after the "Date informed consent signed".
--->INTDT >= INFCDT
- MINR-0002 If Question 1 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q1NA == 1, PRIAP == null)
- MINR-0003 If Question 2 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q2NA == 1, B4TODAY == null)
- MINR-0004 If Question 3 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q3NA == 1, PAIN == null)
- MINR-0005 If Question 4 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q4NA == 1, INFO == null)
- MINR-0006 If Question 5a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q5ANA == 1, EPPSTYR == null)
- MINR-0007 If Question 5b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q5BNA == 1, EPPRIOR == null)
- MINR-0008 If Question 6a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q6ANA == 1, AGEONLY == null && AGOONLY == null && YMOONLY == null)
- MINR-0009 If how long ago the episode of priapism happened (Question 6a) is specified then 'years ago' or 'months ago' must be selected.
--->implies(AGOONLY != null, YMOONLY != null)
- MINR-0009rev If 'years ago' or 'months ago' is selected then how long ago the episode of priapism occurred (Question 6a) must be completed.
--->revimplies(AGOONLY != null, YMOONLY != null)
- MINR-0010 If Question 6a is answered in "years old" then the number of years or months ago that the episode of priapism happened should not be completed.
--->implies(AGEONLY != null, AGOONLY == null && YMOONLY == null)
- MINR-0011 If Question 6b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q6BNA == 1, DURMIN == null && DURHRS == null && DURDAY == null && DURUNK == null)
- MINR-0012 If the number of minutes, hours, or days that the episode of priapism lasted is completed then Question 6b should not be marked 'Don't know'.

--->implies(DURMIN != null || DURHRS != null || DURDAY != null, DURUNK == null)

MINR-0013 If Question 7a is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q7ANA == 1, AGEFRST == null && AGOFRST == null && YMOFRST == null)

MINR-0014 If how long ago the first episode of priapism happened (Question 7a) is specified then 'years ago' or 'months ago' must be selected.
 --->implies(AGOFRST != null, YMOFRST != null)

MINR-0014rev If 'years ago' or 'months ago' is selected then how long ago the first episode of priapism occurred (Question 7a) must be completed.
 --->revimplies(AGOFRST != null, YMOFRST != null)

MINR-0015 If Question 7a is answered in "years old" then the number of years or months ago that the first episode of priapism happened should not be completed.
 --->implies(AGEFRST != null, AGOFRST == null && YMOFRST == null)

MINR-0016 If Question 7b is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q7BNA == 1, AGELAST == null && AGOLAST == null && YMOLAST == null)

MINR-0017 If how long ago the last episode of priapism happened (Question 7b) is specified then 'years ago' or 'months ago' must be selected.
 --->implies(AGOLAST != null, YMOLAST != null)

MINR-0017rev If 'years ago' or 'months ago' is selected then how long ago the last episode of priapism occurred (Question 7b) must be completed.
 --->revimplies(AGOLAST != null, YMOLAST != null)

MINR-0018 If Question 7b is answered in "years old" then the number of years or months ago that the last episode of priapism happened should not be completed.
 --->implies(AGELAST != null, AGOLAST == null && YMOLAST == null)

MINR-0019 If Question 8a is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q8ANA == 1, AVGMIN == null && AVGHRS == null && AVGDAY == null && AVGUNK == null)

MINR-0020 If the number of minutes, hours, or days that the average episode of priapism lasts is completed then Question 8a should not be marked 'Don't know'.
 --->implies(AVGMIN != null || AVGHRS != null || AVGDAY != null, AVGUNK == null)

MINR-0021 If Question 8b is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q8BNA == 1, SHRTMIN == null && SHRTHRS == null && SHRTDAY == null && SHRTUNK == null)

MINR- If the number of minutes, hours, and days that the shortest episode of

0022 priapism lasted is completed then Question 8b should not be marked 'Don't know'.
--->implies(SHRTMIN != null || SHRTHRS != null || SHRTDAY != null, SHRTUNK == null)

MINR-0023 If Question 8c is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q8CNA == 1, LONGMIN == null && LONGHRS == null && LONGDAY == null && LONGUNK == null)

MINR-0024 If the number of minutes, hours, and days that the longest episode of priapism lasted is completed then Question 8c should not be marked 'Don't know'.
--->implies(LONGMIN != null || LONGHRS != null || LONGDAY != null, LONGUNK == null)

MINR-0025 If Question 8d is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q8DNA == 1, LASTMIN == null && LASTHRS == null && LASTDAY == null && LASTUNK == null)

MINR-0026 If the number of minutes, hours, and days that the last (most recent) episode of priapism lasted is completed then Question 8d should not be marked 'Don't know'.
--->implies(LASTMIN != null || LASTHRS != null || LASTDAY != null, LASTUNK == null)

MINR-0027 If Question 9a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q9ANA == 1, START == null)

MINR-0028 If Question 9b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q9BNA == 1, AWKASLP == null)

MINR-0029 If Question 9b is not marked 'Awake' then the question "How many hours after waking up does it usually begin?" should be left blank.
--->implies(AWKASLP != 'Awake', AWAKE == null)

MINR-0030 If Question 9b is not marked 'Asleep/Wake up with' then the question "How many hours after going to sleep does it usually begin?" should be left blank.
--->implies(AWKASLP != 'Asleep', ASLEEP == null)

MINR-0031 If Question 9c is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q9CNA == 1, AWAKE == null && ASLEEP == null)

MINR-0032 If Question 10 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q10NA == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null && CAUSEUK == null)

MINR- If Question 10 is marked 'None' then none of the treatments should be

0033 marked.
 --->implies(NOCAUSE == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && CAUSEUK == null)

MINR-0034 If Question 10 is marked 'Don't know' then none of the treatments should be marked.
 --->implies(CAUSEUK == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null)

MINR-0035 If Question 10 is marked 'Medication or drug use' then specify should be completed.
 --->implies(MEDS == 1, MEDSSP != null)

MINR-0035rev If a medication or drug is specified then Question 10 should be marked 'Medication or drug use'.
 --->revimplies(MEDS == 1, MEDSSP != null)

MINR-0036 If Question 10 is marked 'Other cause, specify' then specify should be completed.
 --->implies(CAUSOT == 1, CAUSOTS != null)

MINR-0036rev If another cause is specified then Question 10 should be marked 'Other cause, specify'.
 --->revimplies(CAUSOT == 1, CAUSOTS != null)

MINR-0037 If Question 11 is marked "patient declines to answer question" then this question should be left blank.
 --->implies(Q11NA == 1, IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null && NOHOMET == null)

MINR-0038 If Question 11 is marked 'None' then none of the treatments should be marked.
 --->implies(NOHOMET == 1, IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null)

MINR-0039 If Question 11 is marked 'Other medication, specify' then specify should be completed.
 --->implies(MEDOT == 1, MEDOTS != null)

MINR-0039rev If another medication is specified then Question 11 should be marked 'Other medication, specify'.
 --->revimplies(MEDOT == 1, MEDOTS != null)

MINR-0040 If Question 11 is marked 'Other treatment, specify' then specify should be completed.
 --->implies(TXOTH == 1, TXOTHS != null)

MINR-0040rev If another treatment is specified then Question 11 should be marked 'Other treatment, specify'.
--->revimplies(TXOTH == 1, TXOTHS != null)

MINR-0041 If Question 12 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q12NA == 1, DURING == null)

MINR-0042 If Question 12 is 'No' or 'Do not remember' then Questions 13 and 14 should be left blank.
--->implies(DURING == 'No' || DURING == 'Do not reme', Q13NA == null && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && Q13ANA == null && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null && Q14NA == null && ASPIR == null && SHUNT == null && NOPROC == null && Q14ANA == null && ASPIRSP == null && SHUNTSP == null)

MINR-0043 If Question 13 is marked "patient declines to answer question" then this question should be left blank.
--->implies(DURING == 'Yes' && Q13NA == 1, ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null)

MINR-0044 If Question 13 is marked "None/Does not remember any treatments to end the priapism" then none of the treatments listed should be marked.
--->implies(DURING == 'Yes' && NOTREAT == 1, ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null)

MINR-0045 If Question 13a is marked "patient declines to answer question" then this question should be left blank.
--->implies(DURING == 'Yes' && Q13ANA == 1, ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null)

MINR-0145 Since how this treatment affected the priapism is marked, a response is expected for 'Pain medication by mouth'.
--->implies(ORALMED == null, ORALSP == null)

MINR-0245 Since how this treatment affected the priapism is marked, a response is expected for 'Intravenous or IV fluid'.
--->implies(IVFLUID == null, FLUIDSP == null)

MINR-0345 Since how this treatment affected the priapism is marked, a response is expected for 'Pain medication by vein or shot'.
--->implies(IVMED == null, IVMEDSP == null)

MINR-0445 Since how this treatment affected the priapism is marked, a response is expected for 'Red blood cell transfusion'.
--->implies(TRAN == null, TRANSP == null)

MINR-0046 If Question 14 is marked "patient declines to answer question" then this question should be left blank.
--->implies(DURING == 'Yes' && Q14NA == 1, ASPIR == null && SHUNT == null && NOPROC == null)

MINR-0047 If Question 14 is marked "None/Does not remember any procedures to end the priapism" then none of the procedures listed should be marked.

--->implies(DURING == 'Yes' && NOPROC == 1, ASPIR == null && SHUNT == null)

MINR-0048 If Question 14a is marked "patient declines to answer question" then this question should be left blank.
--->implies(DURING == 'Yes' && Q14ANA == 1, ASPIRSP == null && SHUNTSP == null)

MINR-0049 If 'Aspiration, irrigation, or injection' is not marked then how this procedure affected the priapism should not be marked.
--->implies(ASPIR == null, ASPIRSP == null)

MINR-0050 If 'Surgical procedure or shunt' is not marked then how this procedure affected the priapism should not be marked.
--->implies(SHUNT == null, SHUNTSP == null)

MINR-0051 If Question 15 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q15NA == 1, CTRAN == null)

MINR-0052 If Question 15 is not marked 'Yes' then Question 15a should be left blank.
--->implies(CTRAN != 'Yes', CTRANYS == null)

MINR-0053 If Question 15a is marked "patient declines to answer question" then this question should be left blank.
--->implies(CTRANYS == 'Yes' && Q15ANA == 1, CTRANYS == null)

MINR-0054 If Question 16 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q16NA == 1, HYDRX == null)

MINR-0055 If Question 16 is not marked 'Yes' then Question 16a should be left blank.
--->implies(HYDRX != 'Yes', HYDRXYS == null)

MINR-0056 If Question 16a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q16ANA == 1, HYDRXYS == null)

MINR-0057 If Question 17a is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17ANA == 1, ERECTNS == null)

MINR-0058 If Question 17b is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q17BNA == 1, OVRNITE == null)

MINR-0059 If Question 18 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q18NA == 1, PROBLEM == null)

MINR-0060 If Question 18 is marked 'The worst problem' then Question 18a should be left blank.
--->implies(PROBLEM == 'The worst p', WORST == null)

MINR- If Question 18a is marked "patient declines to answer question" then this

0061 question should be left blank.
--->implies(Q18ANA == 1, WORST == null)

MINR-0062 If Question 19 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q19NA == 1, PRIAPSM == null)

MINR-0063 If Question 20 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q20NA == 1, CONTACT == null)

MINR-0064 If "In what context did the interview occur?" is marked 'Other, specify' then specify should be completed.
--->implies(CNTXT == 'Other', CNTXTSP != null)

MINR-0064rev If specify is completed then "In what context did the interview occur?" should be marked 'Other, specify'.
--->revimplies(CNTXT == 'Other', CNTXTSP != null)

MINR-0065 At least one racial group should be selected.
--->INTAMIN != null || INTASIA != null || INTAFAM != null || INTHAWA != null || INTWHITE != null || INTOTR != null

MINR-0066 If race is marked 'Other, specify' then specify should be completed.
--->implies(INTOTR == 1, INTOTRS != null)

MINR-0066rev If specify is completed then race should be marked 'Other, specify'.
--->revimplies(INTOTR == 1, INTOTRS != null)

MINR-0067 The "PI Signature Date" must be on or after the "Date informed consent signed".
--->implies(SIGDT != null, SIGDT >= INFCDT)

MINR-0068 If the subject has experienced any episodes of priapism then the PI is required to review, sign, and date the survey form.
--->implies((EPPSTYR == '1' || EPPSTYR == '2 to 5' || EPPSTYR == '6 to 20' || EPPSTYR == 'More than 20') || (EPPRIOR == '1' || EPPRIOR == '2 to 5' || EPPRIOR == '6 to 20' || EPPRIOR == 'More than 20'), SIGDT != null)

MINR-0069 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 1.
--->implies(NOANSWR != null, Q1NA == null && PRIAP == null)

MINR-0070 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 2.
--->implies(NOANSWR != null, Q2NA == null && B4TODAY == null)

MINR-0071 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 3.
--->implies(NOANSWR != null, Q3NA == null && PAIN == null)

MINR-0072 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 4.

MINR-0073 --->implies(NOANSWR != null, Q4NA == null && INFO == null)
 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 5.
 --->implies(NOANSWR != null, Q5ANA == null && EPPSTYR == null && Q5BNA == null && EPPRIOR == null)

MINR-0074 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 6.
 --->implies(NOANSWR != null, Q6ANA == null && AGEONLY == null && AGOONLY == null && YMOONLY == null && Q6BNA == null && DURMIN == null && DURHRS == null && DURDAY == null && DURUNK == null)

MINR-0075 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 7.
 --->implies(NOANSWR != null, Q7ANA == null && AGEFRST == null && AGOFRST == null && YMOFRST == null && Q7BNA == null && AGELAST == null && AGOLAST == null && YMOLAST == null)

MINR-0076 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 8.
 --->implies(NOANSWR != null, Q8ANA == null && AVGMIN == null && AVGHRS == null && AVGDAY == null && AVGUNK == null && Q8BNA == null && SHRTMIN == null && SHRTHRS == null && SHRTDAY == null && SHRTUNK == null && Q8CNA == null && LONGMIN == null && LONGHRS == null && LONGDAY == null && LONGUNK == null && Q8DNA == null && LASTMIN == null && LASTHRS == null && LASTDAY == null && LASTUNK == null)

MINR-0077 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 9.
 --->implies(NOANSWR != null, Q9ANA == null && START == null && Q9BNA == null && AWKASLP == null && Q9CNA == null && AWAKE == null && ASLEEP == null)

MINR-0078 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 10.
 --->implies(NOANSWR != null, Q10NA == null && SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null && CAUSEUK == null)

MINR-0079 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 11.
 --->implies(NOANSWR != null, Q11NA == null && IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null && NOHOMET == null)

MINR-0080 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 12.

MINR-0081 --->implies(NOANSWR != null, Q12NA == null && DURING == null)
 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 13.
 --->implies(NOANSWR != null, Q13NA == null && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && Q13ANA == null && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null)

MINR-0082 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 14.
 --->implies(NOANSWR != null, Q14NA == null && ASPIR == null && SHUNT == null && NOPROC == null && Q14ANA == null && ASPIRSP == null && SHUNTSP == null)

MINR-0083 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 15.
 --->implies(NOANSWR != null, Q15NA == null && CTRAN == null && Q15ANA == null && CTRANYS == null)

MINR-0084 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 16.
 --->implies(NOANSWR != null, Q16NA == null && HYDRX == null && Q16ANA == null && HYDRXYS == null)

MINR-0085 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 17.
 --->implies(NOANSWR != null, Q17ANA == null && ERECTNS == null && Q17BNA == null && OVRNITE == null)

MINR-0086 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 18.
 --->implies(NOANSWR != null, Q18NA == null && PROBLEM == null && Q18ANA == null && WORST == null)

MINR-0087 If "the patient chose not to attempt the survey after signing informed consent" is marked then nothing should be marked for Question 19.
 --->implies(NOANSWR != null, Q19NA == null && PRIAPSM == null)

MINR-0092 The "PI Signature Date" must be on or after the "Date of interview".
 --->implies(SIGDT != null, SIGDT >= INTDT)

MINR-0002rev A response is expected for Question 1. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q1NA == 1, PRIAP == null)

MINR-0003rev A response is expected for Question 2. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(Q2NA == 1, B4TODAY == null)

MINR-0004rev A response is expected for Question 3. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q3NA == 1, PAIN == null)

MINR-0005rev A response is expected for Question 4. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q4NA == 1, INFO == null)

MINR-0006rev A response is expected for Question 5a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q5ANA == 1, EPPSTYR == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0007rev A response is expected for Question 5b. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q5BNA == 1, EPPRIOR == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0027rev A response is expected for Question 9a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q9ANA == 1, START == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0028rev A response is expected for Question 9b. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
--->revimplies(Q9BNA == 1, AWKASLP == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0029rev If Question 9b is marked 'Awake', a response is expected for "How many hours after waking up does it usually begin?"
--->implies(AWAKE == null && Q9CNA == null, AWKASLP != 'Awake')

MINR-0030rev If Question 9b is marked 'Asleep/Wake up with', a response is expected for "How many hours after going to sleep does it usually begin?"
--->implies(ASLEEP == null && Q9CNA == null, AWKASLP != 'Asleep')

MINR-0031rev A response is expected for Question 9c. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q9CNA == 1, AWAKE == null && ASLEEP == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0032rev A response is expected for Question 10. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q10NA == 1, SLEEP == null && CONSTIP == null && BREATHE == null && SEXACT == null && SEXTHTS == null && ALCOHOL == null && MEDS == null && MEDSSP == null && CAUSOT == null && CAUSOTS == null && NOCAUSE == null && CAUSEUK == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0037rev A response is expected for Question 11. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q11NA == 1, IBUPRO == null && CODEINE == null && MEDOT == null && MEDOTS == null && URINATE == null && SHOWER == null && REST == null && EXRCISE == null && FLUIDS == null && TXOTH == null && TXOTHS == null && NOHOMET == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0041rev A response is expected for Question 12. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q12NA == 1, DURING == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0042rev If Questions 13 and 14 are left blank, then Question 12 should be 'No' or 'Do not remember'.

--->revimplies(DURING == 'No' || DURING == 'Do not reme', Q12NA == null && Q13NA == null && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && Q13ANA == null && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null && Q14NA == null && ASPIR == null && SHUNT == null && NOPROC == null && Q14ANA == null && ASPIRSP == null && SHUNTSP == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0043rev A response is expected for Question 13. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->implies(DURING == 'Yes' && ORALMED == null && IVFLUID == null && IVMED == null && TRAN == null && NOTREAT == null && (PAIN == 'Yes' || PAIN == 'Not sure'), Q13NA != null)

MINR-0044rev If Question 13 - none of the treatments listed are marked, then "None/Does not remember any treatments to end the priapism" should be marked.

--->implies(ORALMED == null && IVFLUID == null && IVMED == null &&

TRAN == null && DURING == 'Yes' && Q13NA == null, NOTREAT == 1)
 A response is expected for Question 13a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(DURING == 'Yes' && ORALSP == null && FLUIDSP == null && IVMEDSP == null && TRANSP == null, Q13ANA == 1 && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0045rev

If 'Pain medication by mouth' is marked then how this treatment affected the priapism should be marked.
 --->implies(ORALMED != null && Q13ANA == null, ORALSP != null)

MINR-0145rev

If 'Intravenous or IV fluid' is marked then how this treatment affected the priapism should be marked.
 --->implies(IVFLUID != null && Q13ANA == null, FLUIDSP != null)

MINR-0245rev

If 'Pain medication by vein or shot' is marked then how this treatment affected the priapism should be marked.
 --->implies(IVMED != null && Q13ANA == null, IVMEDSP != null)

MINR-0345rev

If 'Red blood cell transfusion' is marked then how this treatment affected the priapism should be marked.
 --->implies(TRAN != null && Q13ANA == null, TRANSP != null)

MINR-0445rev

A response is expected for Question 14. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->implies(DURING == 'Yes' && ASPIR == null && SHUNT == null && NOPROC == null && (PAIN == 'Yes' || PAIN == 'Not sure'), Q14NA == 1)

MINR-0046rev

If Question 14 - none of the procedures listed are marked, then "None/Does not remember any procedures to end the priapism" should be marked .
 --->implies(ASPIR == null && SHUNT == null && DURING == 'Yes' && Q14NA == null && (PAIN == 'Yes' || PAIN == 'Not sure'), NOPROC == 1)

MINR-0047rev

A response is expected for Question 14a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.
 --->revimplies(DURING == 'Yes' && ASPIRSP == null && SHUNTSP == null, Q14ANA == 1 && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0048rev

If 'Aspiration, irrigation, or injection' is marked, then 'how this procedure affected the priapism' should be completed.
 --->revimplies(ASPIR == null, ASPIRSP == null && Q14ANA == null)

MINR-0049rev

If 'Surgical procedure or shunt' is marked, then 'how this procedure affected the priapism' should be completed.
 --->revimplies(SHUNT == null, SHUNTSP == null && Q14ANA == null)

MINR-0050rev

A response is expected for Question 15. If the subject declined to answer the question, please check the open circle. If the subject has not declined

MINR-0051rev

but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q15NA == 1, CTRAN == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-
0052rev

If Question 15 is 'Yes', then Question 15a should be completed.

--->revimplies(CTRAN != 'Yes', CTRANYS == null && Q15ANA == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-
0053rev

A response is expected for Question 15a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(CTRAN == 'Yes' && CTRANYS == null, Q15ANA == 1 && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-
0054rev

A response is expected for Question 16. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q16NA == 1, HYDRX == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-
0055rev

If Question 16 is 'Yes', then Question 16a should be completed.

--->revimplies(HYDRX != 'Yes', HYDRXYS == null && Q16ANA == null)

MINR-
0056rev

A response is expected for Question 16a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->implies(HYDRX == 'Yes' && HYDRXYS == null && (PAIN == 'Yes' || PAIN == 'Not sure'), Q16ANA == 1)

MINR-
0057rev

A response is expected for Question 17a. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q17ANA == 1, ERECTNS == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-
0058rev

A response is expected for Question 17b. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q17BNA == 1, OVRNITE == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-
0059rev

A response is expected for Question 18. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the

reason response is unknown.

--->revimplies(Q18NA == 1, PROBLEM == null && (PAIN == 'Yes' || PAIN == 'Not sure'))

MINR-0060rev If Question 18 is 'About the same as everything else' OR 'Not as bad as other problems', then Question 18a should be completed.

--->implies(WORST == null && Q18NA == null && Q18ANA == null && (PAIN == 'Yes' || PAIN == 'Not sure'), PROBLEM == 'The worst p')

MINR-0063rev A response is expected for Question 20. If the subject declined to answer the question, please check the open circle. If the subject has not declined but the response is not known, please override the query and provide the reason response is unknown.

--->revimplies(Q20NA == 1, CONTACT == null)

Datastream : NIHQ

Associated Forms : NIH Ethnicity/Race

Variable Name	Variable Description & Valid Values	Variable Type	SAS Format	Required	Test Type	Range Check	
						Low	High
INTDA	Interview Date (Day)	number	2.	yes	none		
INTMO	Interview Date (Month)	number	2.	yes	none		
INTYR	Interview Date (Year)	number	4.	yes	none		
INTDT	Interview Date	date	DATE9.	yes	range	2005-06-01	2008-03-30
INTINIT	Interviewer's initials	text	\$3.	yes	none		
Q1NA	Chose not to answer Q1	number	1.	no	range	1	1
ETHNIC	Ethnicity ->Hispanic or Latino ->Not Hispanic or Latino	text	\$22.	no	value		
Q2NA	Chose not to answer Q2	number	1.	no	range	1	1
AMERIND	American Indian/Alaska Native	number	1.	no	range	1	1
ASIAN	Asian	number	1.	no	range	1	1
AFRAMER	African American	number	1.	no	range	1	1
HAWAII	Native Hawaiian/Pacific Islander	number	1.	no	range	1	1
WHITE	White	number	1.	no	range	1	1
RACEOT	Other race	number	1.	no	range	1	1
RACEOTS	Specify other race	text	\$40.	no	none		
COMMENT	Comments	text	\$600.	no	none		

Edit Checks

- NIHQ-0001 If Question 1 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q1NA == 1, ETHNIC == null)
- NIHQ-0001rev If Question 1 is left blank, then "patient declines to answer question" should be marked.
- NIHQ-0002 If Question 2 is marked "patient declines to answer question" then this question should be left blank.
--->implies(Q2NA == 1, (AMERIND == null && ASIAN == null && AFRAMER == null && HAWAII == null && WHITE == null && RACEOT == null && RACEOTS == null))
- NIHQ-0002rev If Question 2 is left blank, then "patient declines to answer question" should be marked.
--->revimplies(Q2NA == 1, (AMERIND == null && ASIAN == null && AFRAMER == null && HAWAII == null && WHITE == null && RACEOT == null && RACEOTS == null))
- NIHQ-0004 If race is marked 'Other, specify' then specify should be completed.
--->implies(RACEOT == 1, RACEOTS != null)
- NIHQ-0004rev If specify is completed then race should be marked 'Other, specify'.
--->revimplies(RACEOT == 1, RACEOTS != null)