

MALE STRESS URINARY INCONTINENCE COHORT DATA DICTIONARY

Cohort, Practice, Provider Information

Field Name	Data Type	Values	Description
patient_guid	string		patient global unique identifier
ind_male_SUI_cohort	boolean	0=not in Male SUI Cohort, 1=in Male SUI Cohort	indicator of patient in male SUI cohort (newly diagnosed between 2014-now)
date_male_SUI_dx	date		date of initial male SUI diagnosis
first_record_inAQUA	date		patient first day in AQUA
last_record_inAQUA	date		patient last day in AQUA
days_inAQUA	integer		patient number of days in AQUA (last record minus first record in AQUA)
days_in_male_SUI_Cohort	integer		patient number of days in male SUI Cohort (last record minus date of male SUI diagnosis) - Length of Follow-up
practiceid	integer		practice identifier
practice_zip	integer		practice zip code
practice_setting	string	academic, hospital, multi-specialty, single-specialty, solo practice	practice setting
provider_npi	string		provider npi for provider associated with initial male SUI diagnosis
provider_type	string		provider type/ specialty

Demographics

Field Name	Data Type	Values	Description
patient_dob	date		patient date of birth
patient_dod	date		patient date of death
patient_age	float		patient age at male SUI diagnosis
patient_age_catg	array	1= \leq 50, 2=51-64, 3=65-79, 4=80+	patient age at male SUI diagnosis - categories
patient_sex	string	male, female	patient sex at birth
patient_race	string	Asian, Black or African American, Native American and Alaska Native, Native Hawaiian and Other Pacific Islander, White, Other, Unknown	patient race
patient_ethnicity	string	Hispanic, non-Hispanic	patient ethnicity
patient_marital	string	married, single, unknown	patient marital status
patient_zip	string		patient zip code
patient_state	string		patient state
patient_ruca	string	metropolitan, suburban, rural, unknown	patient metropolitan status
patient_insurance	string	commercial, government, medicaid, medicare, medicare advantage, military, other, no insurance, unknown	patient insurance type (at cohort entrance, primary)

Procedures

Field Name	Data Type	Values	Description
ind_urethral_bulking	boolean	0=no urethral bulking performed, 1=urethral bulking was performed	indicator of patient who was treated with urethral bulking procedure after male SUI diagnosis date
ind_male_sling_initial	boolean	0=no male sling, initial performed, 1=male sling, initial was performed	indicator of patient who was treated with male sling (initial) procedure after male SUI diagnosis date
ind_male_sling_repeat	boolean	0=no male sling, repeat performed, 1=male sling, repeat was performed	indicator of patient who was treated with male sling (repeat/ revisions, removal) procedure after male SUI diagnosis date
ind_AUS	boolean	0=no AUS, 1=AUS, initial was performed	indicator of patient who had a artificial urinary sphincter (initial) after male SUI diagnosis date
ind_AUS_repeat	boolean	0=no repeat AUS, 1=AUS (repeat/ revisions, removal) was performed	indicator of patient who had a artificial urinary sphincter (repeat/ revisions, removal) after male SUI diagnosis date

date_first_urethral_bulking	date		date first urethral bulking procedure was performed after male SUI diagnosis date
date_first_male_sling_initial	date		date first male sling (initial) procedure was performed after male SUI diagnosis date
date_first_male_sling_repeat	date		date first male sling (repeat/revisions, removal) procedure was performed after male SUI diagnosis date
date_first_AUS	date		date first artificial urinary sphincter (initial) procedure was performed after male SUI diagnosis date
date_first_AUS_repeat	date		date first artificial urinary sphincter (repeat/revisions, removal) procedure was performed after male SUI diagnosis date
first_procedure_afterMale SUI dx	string		first treatment procedure performed after male SUI diagnosis
date_first_procedure_afterMale SUI dx	date		date first treatment procedure performed after male SUI diagnosis
days_bn_Male SUI dx_and_first_procedure	integer		days between male SUI diagnosis and first procedure performed
second_procedure_afterMale SUI dx	string		second treatment procedure performed after male SUI diagnosis
date_second_procedure_afterMale SUI dx	date		date second treatment procedure performed after male SUI diagnosis
days_bnMale SUI dx_and_second_procedure	integer		days between male SUI diagnosis and second procedure performed
days_bnfirstproc_and_secondproc	integer		days between first procedure and second procedure performed post male SUI diagnosis
num_procedures	integer		number of treatment procedures performed after male SUI diagnosis
num_types_procedures	integer		number of unique treatment procedures performed after male SUI diagnosis

Medications			
Field Name	Data Type	Values	Description
first_medication_category	string		first medication category after male SUI diagnosis
date_first_medication_category	date		date first medication category after male SUI diagnosis
first_medication	string		first medication after male SUI diagnosis
date_first_medication	date		date first medication after male SUI diagnosis
ind_alpha_adrenoceptor_agonists	boolean	0=no alpha adrenoceptor agonists, 1=patient taking alpha adrenoceptor agonists	indicator of alpha adrenoceptor agonists after male SUI diagnosis
ind_beta2_adrenoceptor_agonists	boolean	0=no beta2 adrenoceptor agonists, 1=patient taking beta2 adrenoceptor agonists	indicator of beta2 adrenoceptor agonists after male SUI diagnosis
ind_serotonin_noradrenaline_reuptake_inhibitors	boolean	0=no serotonin-noradrenaline reuptake inhibitors, 1=patient taking serotonin-noradrenaline reuptake inhibitors	indicator of serotonin-noradrenaline reuptake inhibitors after male SUI diagnosis
date_first_alpha_adrenoceptor_agonists	date		date first alpha adrenoceptor agonists after male SUI diagnosis
date_first_beta2_adrenoceptor_agonists	date		date first beta2 adrenoceptor agonists after male SUI diagnosis
date_first_serotonin_noradrenaline_reuptake_inhibitors	date		date first serotonin-noradrenaline reuptake inhibitors after male SUI diagnosis
ind_ephedrine	boolean	0=no ephedrine, 1=patient taking ephedrine	indicator of ephedrine after male SUI diagnosis
ind_phenylpropanolamine	boolean	0=no phenylpropanolamine, 1=patient taking phenylpropanolamine	indicator of phenylpropanolamine after male SUI diagnosis
ind_midrodine	boolean	0=no midrodine, 1=patient taking midrodine	indicator of midrodine after male SUI diagnosis
ind_clenbuterol	boolean	0=no clenbuterol, 1=patient taking clenbuterol	indicator of clenbuterol after male SUI diagnosis
ind_imipramine	boolean	0=no imipramine, 1=patient taking imipramine	indicator of imipramine after male SUI diagnosis
ind_duloxetine	boolean	0=no duloxetine, 1=patient taking duloxetine	indicator of duloxetine after male SUI diagnosis
date_first_ephedrine	date		date first ephedrine after male SUI diagnosis
date_first_phenylpropanolamine	date		date first phenylpropanolamine after male SUI diagnosis
date_first_midrodine	date		date first midrodine after male SUI diagnosis
date_first_clenbuterol	date		date first clenbuterol after male SUI diagnosis
date_first_imipramine	date		date first imipramine after male SUI diagnosis
date_first_duloxetine	date		date first duloxetine after male SUI diagnosis

Disease-Related Comorbidities			
Field Name	Data Type	Values	Description
ind_neurogenic_incontinence	boolean	0=no dx, 1=neurogenic incontinence dx	indicator of patient with neurogenic incontinence

ind_neurogenic_bladder	boolean	0=no dx, 1=neurogenic bladder dx	indicator of patient with neurogenic bladder
ind_parkinsons_disease	boolean	0=no dx, 1=parkinsons disease dx	indicator of patient with parkinsons disease
ind_spinal_cord_injury	boolean	0=no dx, 1=spinal cord injury dx	indicator of patient with spinal cord injury
ind_diabetes_mellitus	boolean	0=no dx, 1=diabetes mellitus dx	indicator of patient with diabetes mellitus
ind_prostate_cancer	boolean	0=no dx, 1=prostate cancer dx	indicator of patient with prostate cancer
ind_bladder_cancer	boolean	0=no dx, 1=bladder cancer dx	indicator of patient with bladder cancer
ind_radical_prostatectomy	boolean	0=no radical prostatectomy, 1=radical prostatectomy	indicator of patient with radical prostatectomy
ind_pelvic_radiation	boolean	0=no pelvic radiation, 1=history pelvic radiation	indicator of patient with history pelvic radiation
ind_androgen_deprivation_therapy	boolean	0=no androgen deprivation therapy, 1=androgen deprivation therapy	indicator of patient with androgen deprivation therapy
ind_urethroplasty	boolean	0=no urethroplasty, 1=urethroplasty	indicator of patient with urethroplasty
ind_transurethral_resection_prostate	boolean	0=no transurethral resection of prostate, 1=transurethral resection of prostate	indicator of patient with transurethral resection of prostate
_testosterone_deficiency	boolean	0=no dx, 1=testosterone deficiency dx	indicator of patient with testosterone deficiency (hypogonadism)

Other Comorbidities			
Field Name	Data Type	Values	Description
ind_urinary_incontinence	boolean	0=no dx, 1=urinary incontinence dx	Indicator of patient with urinary incontinence ever recorded in AQUA
ind_BPH	boolean	0=no dx, 1=BPH dx	Indicator of patient with BPH ever recorded in AQUA
ind_UTI	boolean	0=no dx, 1=UTI dx	Indicator of patient with urinary tract infections ever recorded in AQUA
ind_stones	boolean	0=no dx, 1=stones dx	Indicator of patient with kidney and ureteral ever recorded in AQUA
ind_female_urology_conditions	boolean	0=no dx, 1=female urology conditions dx	Indicator of patient with female-specific urologic conditions ever recorded in AQUA
ind_pelvic_floor_dysfunction	boolean	0=no dx, 1=pelvic floor dysfunction dx	Indicator of patient with pelvic floor dysfunction ever recorded in AQUA
ind_pelvic_organ_prolapse	boolean	0=no dx, 1=pelvic organ prolapse dx	Indicator of patient with pelvic organ prolapse ever recorded in AQUA
ind_incontinence_after_pregnancy	boolean	0=no dx, 1=incontinence after pregnancy dx	Indicator of patient with incontinence after pregnancy ever recorded in AQUA
ind_male_urology_conditions	boolean	0=no dx, 1=male urology conditions dx	Indicator of patient with male-specific urologic conditions ever recorded in AQUA
ind_OAB	boolean	0=no dx, 1=OAB dx	Indicator of patient with benign overactive bladder ever recorded in AQUA
ind_prostate_cancer	boolean	0=no dx, 1=prostate cancer dx	Indicator of patient with prostate cancer ever recorded in AQUA
ind_prostatitis	boolean	0=no dx, 1=prostatitis dx	Indicator of patient with prostatitis ever recorded in AQUA
ind_erectile_dysfunction	boolean	0=no dx, 1=erectile dysfunction dx	Indicator of patient with erectile dysfunction ever recorded in AQUA
date_firstdx_urinary_incontinence	date		date of first ever diagnosis of urinary incontinence in AQUA
date_firstdx_stress_incontinence	date		date of first ever diagnosis of stress incontinence in AQUA
date_firstdx_UTI	date		date of first ever diagnosis of urinary tract infections in AQUA
date_firstdx_stones	date		date of first ever diagnosis of kidney and ureteral stones in AQUA
date_firstdx_female_urology	date		date of first ever diagnosis of female urology conditions in AQUA
date_firstdx_pelvic_floor_dysfunction	date		date of first ever diagnosis of pelvic floor dysfunction in AQUA
date_firstdx_pelvic_organ_prolapse	date		date of first ever diagnosis of pelvic organ prolapse in AQUA
date_firstdx_incontinence_after_pregnancy	date		date of first ever diagnosis of incontinence after pregnancy in AQUA
date_firstdx_male_urology	date		date of first ever diagnosis of male urology conditions in AQUA
date_firstdx_Male SUI	date		date of first ever diagnosis of male SUI in AQUA
date_firstdx_prostate_cancer	date		date of first ever diagnosis of prostate cancer in AQUA
date_firstdx_prostatitis	date		date of first ever diagnosis of prostatitis in AQUA
date_firstdx_erectile_dysfunction	date		date of first ever diagnosis of erectile dysfunction in AQUA
elixhauser_index	integer		elixhauser index score (computed using AHRQ algorithm, score range: [-33, 99])