

Clinical Decision Support Tools

A Practice-based Intervention to Improve Care for a Diverse Population of Women with Urinary Incontinence (INTUIT-PC)

Jejo Koola, MD, MS

Jennifer Anger, MD, MPH

Best Practice Advisory

Best Practice Advisory

E Hyperspace - LWC INTERNAL MEDICINE - POC - JEJO KOOLA

Epic Call With Doximity Builder Unit Manager In Basket Schedule Patient Lists Chart Manage Orders Encounter Telephone Call

Test,Kabir Test,Kabir

This is not a real patient

KT
est, Kabir
Male, 40 year old, 9/12/1982
MRN: 80006271
Pref Language Not Documented
Cur Location: LWC INTERNAL MEDICINE
Code: Not on file (no ACP docs in Media)
None
Search
PDMP Needs Review
Patient FYIs: None
Isolation: None
Research Participant
Schiff, Steven Mark, MD

Chart Revi... Results Syn... Ro... MyCh... Ord... Plan Wr... M

Screening
Screening Alerts Travel Fall Risk PHQ2/PHQ9 CSSRS Interventions Exam Room Brief Health Screen AUDIT DAST

Patient Due for PHQ Screening

BestPractice Advisory - Test, Kabir

Important (2)

This patient screened positive for bothersome urinary incontinence (UI) and is enrolled in the **INTUIT Research Study**. Please address UI and initiate appropriate care as outlined in the SmartSet or appropriate dot phrases. If still needed, consider referral to INTUIT APP/MD after care is initiated.

Open SmartSet **Do Not Open** **(Research Study Only) INTUIT-PC Study Urinary Incontinence Care**
[Preview](#)

Acknowledge Reason _____

Not an INTUIT provider for this patient **Defer for this visit**

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Screening

Screening Alerts Travel Fall Risk PHQ2/PHQ9 CSSRS Interventions Exam Room Brief Health Screen AUDIT DAST

Notifies you of patients that screened positive and are enrolled in the study

BestPractice Advisory - Test, Kabir

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Patient Due for PHQ Screening

BestPractice Advisory - Test, Kabir

Important (2)

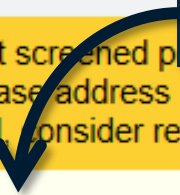
This patient screened positive for PHQ-9. Please address UI and initiate appropriate care as outlined in the SmartSet or appropriate dot phrases. If still needed, consider referral to INTUIT APP/MD after care is initiated.

Open SmartSet Do Not Open (Research Study Only) INTUIT-PC Study Urinary Incontinence Care Preview

Acknowledge Reason

Not an INTUIT provider for this patient Defer for this visit

Links to the SmartSet



Best Practice Advisory

E Hyperspace - LWC INTERNAL MEDICINE - POC - JEJO KOOLA

Epic Call With Doximity Builder Unit Manager In Basket Schedule Patient Lists Chart Manage Orders Encounter Telephone Call

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PDMP Needs Review

Patient FYIs: None
Isolation: None

Research Participant

Schiff, Steven Mark, MD

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Screening

Screening Alerts Travel Fall Risk PHQ2/PHQ9 CSSRS Interventions Exam Room Brief Health Screen AUDIT DAST

Patient Due for PHQ Screening

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Important (2)

This patient screened positive for bothersome urinary incontinence (UI) and is enrolled in the **INTUIT Research Study**. Please address UI and initiate appropriate care as outlined in the SmartSet or appropriate dot phrases. If still needed, consider referral to INTUIT APP/MD after o

Open SmartSet Do Not Open (Research S Preview)

Acknowledge Reason

Not an INTUIT provider for this patient Defer for this visit

You have the option to address UI at a later time. If this option is selected, we ask that you address UI within 6 months

Note Template

Note Template

Teal is ghost text which will disappear when the note is signed

Urinary Incontinence ROS:

{TIP | This TIP will automatically disappear when the note is signed

Please document focused history including symptom severity, fluid intake including amount and type, prior treatment, and symptoms that differentiate between

Stress incontinence - urine leakage with coughing/laughing/sneezing/sexual activity/changes in position

Urge incontinence - experiencing sudden, strong urge to urinate, loss of control, increased frequency during both day and night:24073}

Frequency {urinating frequency:18708}

Nocturia {NUMBERS; 0-10:11728} times/night

Stress urinary incontinence - {Blank single:21803::"Denies","Frequent with cough/sneeze","Infrequent with cough/sneeze"}

Urge urinary incontinence - {Blank single:21803::"Denies","Frequent","Infrequent"}

Pad usage: {Yes/No:15322}

Medications for incontinence: {Blank single:21803::"Previously tried: ***","Currently taking: ***","None"}

Fluid intake: ***

Focused history

Note Template

Physical Exam

Physical Exam:

GU Exam:

- External genitalia: normal in appearance, no skin changes, no lesions/masses
- Urethra/bladder: urethral meatus normal in location and appearance, stress incontinence {blank single:21803::"evident","not evident"} with cough / valsalva
- Vagina: {blank single:21803::"moist & pink","vaginal atrophy noted"}, no lesions/masses, no blood/abnormal discharge, {Blank single:21803::"prolapse: ****","no prolapse"} {Blank single:21803::"Not able","Able"} to adequately contract pelvic floor muscles

Assessment and Plan

Assessment & Plan:

{TIP | This TIP will automatically disappear when the note is signed

Urinary incontinence management guidelines

Stress incontinence - recommend weight loss if overweight, recommend/give information on pelvic floor exercises, a.k.a Kegels, or refer to PT, do not prescribe anticholinergic therapy

Urge incontinence - recommend behavioral modification such as fluid restriction, and cut caffeine, recommend pelvic floor exercises, and consider starting anticholinergic or beta-3 agonist therapy:24073}

The patient has predominately {Blank single:21803::"Urge urinary incontinence","Stress urinary incontinence","Mixed urinary incontinence"}

{UCSD AMB URINARY INCONTINENCE ASSESSMENT AND PLAN CHECKLIST (IMPACT STUDY):35796}

Accessing Note Template

Option #1: SmartPhrase

.INTUITSTUDYURINARYINCONTINENCEPROGNOTE
.INTUITSTUDYURINARYINCONTINENCEASSESSMENTPLAN
.INTUITSTUDYURINARYINCONTINENCEHPI
.INTUITSTUDYURINARYINCONTINENCEPHYSICALEXAM


Option #2: SmartSet (recommended)

(Research Study Only) INTUIT-PC Study Urinary Incontinence Care 

 [Manage User Versions](#) ▾

▾ DOCUMENTATION

▾ Required Documentation for Urinary Incontinence

Urinary Incontinence Progress Note 

SmartSet

[🔑 Manage User Versions](#) ▾

▾ DOCUMENTATION

▶ [Required Documentation for Urinary Incontinence](#) [Click for more](#)

▾ DIAGNOSIS

▶ [Urinary Incontinence](#) [Click for more](#)

▾ ORDERS

▶ [Routine Labs](#) [Click for more](#)

▶ [Referrals](#) [Click for more](#)

▾ MEDICATIONS

Medication Guidance: Tolterodine (Detrol), oxybutynin (Ditropan), darifenacin (Enablex), fesoterodine (Toviaz), trospium (Sanctura), and solifenacin (Vesicare) may be relatively contraindicated in patients with cognitive impairment and certain older adults due to anti-cholinergic properties. Mirabegron (Myrbetriq) and vibegron (Gemtesa), β_3 adrenergic receptor agonists, are contraindicated for patients with uncontrolled hypertension and may be relatively contraindicated in patients with other uncontrolled cardiovascular disorders including QT-prolongation.

▶ [Urge Incontinence \(Overactive Bladder\) Medications](#) [Click for more](#)

▾ PATIENT FOLLOW-UP

▶ [Patient Education](#) [Click for more](#)

▶ [Follow Up \(Suggested time frame is 3 months\)](#) [Click for more](#)

▾ LOS

▶ [New Patient](#) [Click for more](#)

▶ [Established Patient](#) [Click for more](#)

SmartSet: UI Diagnoses

▼ DIAGNOSIS

▼ Urinary Incontinence

- Urinary incontinence
- Mixed incontinence urge and stress
- Urgency incontinence
- Female stress incontinence
- Stress incontinence, female
- Urethral sphincter deficiency, intrinsic (ISD)
- Overflow incontinence of urine
- Neurogenic bladder
- Primary nocturnal enuresis

Smart Set: Medications

Medication guidance

▼ MEDICATIONS

Medication Guidance: Anti-cholinergic medications may be relatively contraindicated in patients with cognitive impairment and certain older adults due to anti-cholinergic properties. β_3 adrenergic receptor agonists are contraindicated for patients with uncontrolled hypertension and may be relatively contraindicated in patients with other uncontrolled cardiovascular disorders including QT-prolongation.

▼ Anticholinergic Urinary Incontinence Medications

- tolterodine (DETROL LA) 4 MG ER capsule
Disp-90 capsule, R-0
- oxybutynin (DITROPAN XL) 10 MG Controlled-Release tablet
Disp-90 tablet, R-0
- darifenacin (ENABLEX) 7.5 MG Sustained-Release tablet
Disp-90 tablet, R-0
- darifenacin (ENABLEX) 15 MG Sustained-Release tablet
Disp-90 tablet, R-0
- Fesoterodine Fumarate (TOVIAZ) 4 MG TB24
Disp-90 tablet, R-0
- Fesoterodine Fumarate ER (TOVIAZ) 8 MG TB24
Disp-90 tablet, R-0
- trospium (SANCTURA) 20 MG BID tablet
Disp-180 tablet, R-0
- trospium (SANCTURA XR) 60 MG SR capsule
Disp-90 capsule, R-0
- solifenacin (VESICARE) 5 MG tablet
Disp-90 tablet, R-0
- solifenacin (VESICARE) 10 MG tablet
Disp-90 tablet, R-0

▼ Beta-3 Agonist Urinary Incontinence Medications

- mirabegron (MYRBETRIQ) 25mg ER tabs
Disp-90 tablet, R-0
- mirabegron (MYRBETRIQ) 50 MG ER tablet
Disp-90 tablet, R-0
- vibegron (GEMTESA) 75 MG TABS
Disp-90 tablet, R-0

Medications are
divided by class

Smart Set: Lab Orders

▼ ORDERS

▼ Routine Labs

Urinalysis with Culture Reflex, when indicated (CLINIC COLLECT) ■

Routine

Urinalysis with Culture Reflex, when indicated (LAB COLLECT) ■

Routine

Smart Set: APP Referral

▼ INTUIT Study APP and E-Referrals

Consult/Referral to INTUIT-PC Study APP (Urology)

P

Accept Cancel

Priority:

Indications:

Appointment time frame:

Is this patient a UCSD Emergency Room or Hospital Discharge patient?

This patient is part of the INTUIT-PC research study. Select reason for referral.

Non-Intuit MD (for non urinary incontinence concerns) Intuit PA/NP (APP co-management)
 Intuit MD (Intuit e-referral)

Comments:

Sched Inst.:

Process Inst.: UCSD Urology has offices located in Chula Vista, Encinitas, Hillcrest, La Jolla and Rancho Bernardo. Please call UCSD Urology at 858-657-7876 to confirm which urologist would be appropriate for your referring diagnosis.

Class:

Accept Cancel

Smart Set: E-Referral

Consult/E-Referral to INTUIT-PC Study MD (Urology)
P

Accept Cancel

Priority:

Indications:

Appointment time frame: (ment)

Is this patient a UCSD Emergency Room or

This patient is part of the INTUIT-PC research study. Select reason for referral.

Non-Intuit MD (for non urinary incontinence concerns) Intuit PA/NP (APP co-management)

Intuit MD (Intuit e-referral)

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Class:

Accept Cancel

You can check "Non-Intuit MD" if you are referring to urology for a non-urinary incontinence reason

Patient Education

▼ PATIENT FOLLOW-UP

▼ Patient Education

Patient education for urinary incontinence care generally directed towards outpatient, conservative care.

- Urinary Incontinence Basic Patient Information (English)
- Urinary Incontinence Basic Patient Information (Spanish)
- Urinary Incontinence Behavior Modification (English)
- Urinary Incontinence Behavior Modification (Spanish)
- Urinary Incontinence Pelvic Floor Muscle Exercises (English)
- Urinary Incontinence Pelvic Floor Muscle Exercises (Spanish)

▶ Follow Up (Suggested time frame is 3 months)

▼ LOS

Accessing SmartSet

Option 1: Click on the “Open SmartSet” button on the BPA

ⓘ This patient screened positive for bothersome urinary incontinence (UI) and is enrolled in the **INTUIT Research Study**. Please address this issue in the patient's SmartSet or appropriate dot phrases. If still needed, consider referral to INTUIT APP/MD after care is initiated.

[Click here](#)

Open SmartSet Do Not Open **(Research Study Only) INTUIT-PC Study Urinary Incontinence Care Preview**

Acknowledge Reason _____

Not an INTUIT provider for this patient Defer for this visit

Accessing SmartSet

Option 2: Select “(Research Study Only) INTUIT-PC Study Urinary Incontinence Care” from the SmartSet search bar

The screenshot shows the SmartSet search interface. At the top, there is a search bar with the text 'INTUIT' entered. To the right of the search bar is a '+ Add' button. Below the search bar is a 'Search Results' section. The first result is '(Research Study Only) INTUIT-PC Study Urinary Incontinence Care', which is checked with a checkbox. A blue callout box with a black border and red text says 'Type “INTUIT” into the search bar', with a black arrow pointing to the search bar.

APP Co-Manager

Accessing APP Co-manager

Option #1: SmartSet (recommended)

The screenshot shows a web form titled "INTUIT Study APP and E-Referrals". A blue box with red text and arrows points to the "Indications" field, stating "Indication, reason for referral, and comments will be pre-filled out". The form includes the following fields and options:

- Priority:** Buttons for "Routine" (selected), "Routine", and "STAT".
- Indications:** Text field containing "Urinary Incontinence (INTUIT Study)".
- Appointment time frame:** Buttons for "1st Available" (selected), "1 Week", "2 Weeks", "3 Weeks", "4 Weeks", "6 Weeks", and "Specific Date (see comment)".
- Is this patient a UCSD Emergency Room or Hospital Discharge patient?:** Buttons for "Yes" and "No" (selected).
- This patient is part of the INTUIT-PC research study. Select reason for referral:**
 - Non-Intuit MD (for non urinary incontinence concerns)
 - Intuit PA/NP (APP co-management)
 - Intuit MD (Intuit e-referral)
- Comments:** Pre-filled text: "Please schedule with INTUIT-PC Study Advanced Practice Provider (Principal Investigator: Dr. Jennifer Anger)".
- Sched Inst.:** Pre-filled text: "Please schedule with INTUIT-PC Study Advanced Practice Provider (Principal Investigator: Dr. Jennifer Anger)".

A "Cancel" button is located in the top right corner of the form area.

Accessing APP Co-manager

Option #2: Referral to urology clinic order (outside the SmartSet)

Consult/Referral to Urology ✓ Accept ✗ Cancel

Priority:

Indications:

Appointment time frame:

Emergency Room or Hospital Discharge patient?

This patient is part of the INTUIT-PC research study. Select reason for referral.
 Non-Intuit MD (for non urinary incontinence concerns) Intuit PA/NP (APP co-management)
 Intuit MD (Intuit e-referral)

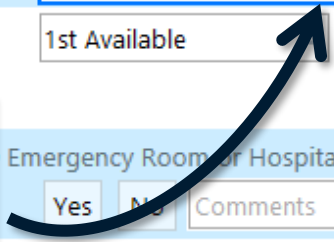
Comments: [+ Add Comments \(F6\)](#)

Dx Assoc.:

	Assc	Encounter Diagnoses	Codes	Qualifier	Comment
1	<input type="checkbox"/>	Urinary incontinence without sensory awareness	N39.42		
2	<input type="checkbox"/>				

Sched Inst.: [You have been referred to the Department of Urology for a clinic consultation. Please call UCSD Urology at 858-657-7876 to schedule an app...](#)

For indication type:
"Urinary Incontinence
(INTUIT Study)"



Accessing APP Co-manager

Option #2: Referral to urology clinic order (outside the SmartSet)

Consult/Referral to Urology ✓ Accept ✗ Cancel

Priority:

Indications:

Appointment time frame:

Is this patient a UCSD Emergency Room or Hospital Discharge patient?

This patient is part of the INTUIT-PC research study. Select reason for referral.

Non-Intuit MD (for non urinary incontinence concerns) Intuit PA/NP (APP co-management)

Intuit MD (Intuit e-referral)

Comments: [+ Add Comments \(F6\)](#)

Dx Assoc.:

	Codes	Qualifier	Comment
Intuit awareness	N39.42		

Check this box

Sched Inst.: [You have been referred to the Department of Urology for a clinic consultation. Please call UCSD Urology at 858-657-7876 to schedule an app...](#)

Accessing APP Co-manager

Option #2: Referral to urology clinic order (outside the SmartSet)

Consult/Referral to Urology ✓ Accept ✗ Cancel

Priority:

! Indications:

Appointment time frame:

! Is this patient a UCSD Emergency Room or Hospital Discharge patient?

This patient is part of the INTUIT-PC research study. Select reason for referral.
 Non-Intuit MD (for non urinary incontinence concerns) Intuit PA/NP (APP co-management)
 Intuit MD (Intuit e-referral)

Comments: [+ Add Comments \(F6\)](#)

! Dx Assoc.:

	Assc	Encounter Diagnoses
1	<input type="checkbox"/>	Urinary incontinence without sensory aware
2	<input type="checkbox"/>	

⌆

Sched Inst.: [✎ You have been referred to the Department of Urology for a clinic consultation. Please call UCSD Urology at 858-657-7876 to schedule an app...](#)

**For "Schedule Instruction" and "Comments" type:
"Please schedule with INTUIT-PC Advance Practice
Provider (PI Jennifer Anger)"**

E-Referral

Accessing E-Referral

Option #1: SmartSet (recommended)

Consult/E-Referral to INTUIT-PC Study MD (Urology)
P

Priority:

Indications:

Appointment time frame:

Is this patient a UCSD Emergency Room or Hospital Discharge patient?

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Comments:

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Class:

Indication, reason for referral, and comments will be pre-filled out

Accessing E-Referral

Option #2:
Referral to
urology clinic
order (outside
the SmartSet)

Consult/Referral to Urology ✓ Accept ✗ Cancel

Priority:

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 Intuit MD (Intuit e-referral)

Comments:

Assn	Encounter	Diagnoses	Codes	Qualifier	Comment
1	<input type="checkbox"/>	Urinary incontinence with			
2	<input type="checkbox"/>				

Sched Inst:

For indication type:
"Urinary Incontinence
(INTUIT Study)"

Select "INTUIT MD"

For "Schedule Instruction" and "Comments" type:
"Please schedule with INTUIT-PC Study Physician (PI:
Dr. Jennifer Anger)"