

## **Attachment C: Medical Record Data Abstraction Form**

(for use by researchers to enter data abstracted from the paper COF)

## SAUL Study PDC - Form Screenshots

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# Suspected Lower Respiratory Infection Form

May 11, 2010 Adrian Lazau Logout

TMF Contact Relation Management System (CRMS)

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PDC » SAUL Study PDCs

Add/Edit PDC

**North Austin Clinics(TX1) -- 1 Oakland Drive Austin, TX 78753 -- 512555555**

Save Draft | Save and Add New | Save and Close | Cancel

**PDC Date:**

**PDC Type:** Suspected Lower Respiratory Infection Criteria **QIC:** Adrian Lazau

**Notes:**  
*Provide notes for this PDC record (if needed)*

**Patient Identifier**

**SECTION A: INFORMATION ON INFECTION**  
(Check all that apply/Leave blank where there is no information in record)

**1. INFECTIONS AND FEVERS: LOEB CRITERIA FOR ANTIBIOTIC USE**

---

**Date of Infection**

**Suspected Lower Respiratory Infection**

---

**Fever over 102 degrees F or greater**

**Resp. rate > 25 breaths/min.**

**Productive cough**

---

**Fever 100 F - 102 degrees F**

**And Cough**

**AND AT LEAST ONE of the following**

Pulse > 100

Delirium

Rigors (shaking chills)

Resp. rate > 25 breaths/min

No fever with COPD AND

New or increased cough with purulent sputum production

No fever AND No COPD AND

New or increased cough with purulent sputum production

**AND AT LEAST ONE of the following**

Resp. rate > 25 breaths/min.

Delirium

**ADDITIONAL INFORMATION**

Labwork ordered

Date of order

X-ray performed

Date of X-ray

Chest X-Ray (CXR)

Result Findings

Antibiotic prescribed

- Select a value -
- 0. No
- 1. Yes
- 2. N/A

**2. ANTIBIOTIC USE**

Antibiotic use  0. No  1. Yes

Medication

Dose

Duration

**- Form continues to Page 11 -**

# Fever of Unknown Origin Form

May 11, 2010 Adrian Lazau Logout

TMF Contact Relation Management System (CRMS)

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PDC » SAUL Study PDCs

Add/Edit PDC

**North Austin Clinics(TX1) - 1 Oakland Drive Austin, TX 78753 - 5125555555**

Save Draft | Save and Add New | Save and Close | Cancel

**PDC Date:**

**PDC Type:**  **QIC:**

**Notes:** *Provide notes for this PDC record (if needed)*

**Patient Identifier**

**SECTION A: INFORMATION ON INFECTION**  
(Check all that apply/Leave blank where there is no information in record)

**1. INFECTIONS AND FEVERS: LOEB CRITERIA FOR ANTIBIOTIC USE**

---

**Date of Infection**

**Fever of Unknown Origin**

---

**Fever over 100 F or increase in 2.4 F above baseline**  Fever over 100 F or increase in 2.4 F above baseline

**AND AT LEAST ONE of the following**

**New onset of delirium**

**New onset of rigors**

ADDITIONAL INFORMATION

---

Labwork ordered	<input type="text" value="- Select a value -"/>
Date of order	<input type="text"/>
Antibiotic prescribed	<input type="text" value="- Select a value -"/>
X-ray performed	<input type="text" value="- Select a value -"/>
Date of X-ray	<input type="text"/>
Result Findings	<input type="text" value="- Select a value -"/>

2. ANTIBIOTIC USE

---

Antibiotic use	<input type="radio"/> 0. No <input type="radio"/> 1. Yes
<input checked="" type="radio"/> Medication	<input type="text"/>
<input checked="" type="radio"/> Dose	<input type="text"/>
<input checked="" type="radio"/> Duration	<input type="text"/>

- Form continues to Page 11 -

# Skin and Soft Tissue Infection Form

May 11, 2010 Adrian Lazau Logout

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PDC » SAUL Study PDCs

Add/Edit: PDC

**North Austin Clinics(TX1) - 1 Oakland Drive Austin, TX 78753 - 512555555**

Save Draft | Save and Add New | Save and Close | Cancel

**PDC Date:**

**PDC Type:** Skin and Soft Tissue Infection Criteria **QIC:** Adrian Lazau

**Notes:** Provide notes for this PDC record (if needed)

**Patient Identifier**

**SECTION A: INFORMATION ON INFECTION**  
(Check all that apply/Leave blank where there is no information in record)

**1. INFECTIONS AND FEVERS: LOEB CRITERIA FOR ANTIBIOTIC USE**

---

**Date of Infection**

**Skin or Soft Tissue Infection**

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**Site**

**Number of sites**

**New or increasing purulent discharge at site**

**OR at least TWO of the following**

**Fever over 100 degrees F or increase of 2.4 degrees F above baseline temp.**

**Redness**

**Tenderness**

**Warmth**

**Swelling (new/increase at site)**

---

**ADDITIONAL INFORMATION**

---

**Labwork ordered**

**Date of order**

**Antibiotic prescribed**

---

**2. ANTIBIOTIC USE**

---

**Antibiotic use**  0. No  1. Yes

**Medication**

**Dose**

**Duration**

- Form continues to Page 11 -

# Suspected Urinary Tract Infection Form

May 11, 2010 Adrian Lazau Logout

TMF Contact Relation Management System (CRMS)

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↳ PDC » SAUL Study PDCs

Add/Edit PDC

**North Austin Clinics(TX1) -- 1 Oakland Drive Austin, TX 78753 -- 5125555555**

**PDC Date:**

**PDC Type:**  **QIC:**

**Notes:** *Provide notes for this PDC record (if needed)*

**Patient Identifier**

**SECTION A: INFORMATION ON INFECTION**  
(Check all that apply/Leave blank where there is no information in record)

**1. INFECTIONS AND FEVERS: LOEB CRITERIA FOR ANTIBIOTIC USE**

---

**Date of Infection**

## Suspected Urinary Tract Infection

---

Chronic indwelling catheter

- Select a value -

**AND AT LEAST ONE of the following**

Fever over 100 degrees F or increase of 2.4 degrees F above baseline

- Select a value -

New costovertebral tenderness

- Select a value -

rigors (shaking chills) with or without identified cause

- Select a value -

new onset of delirium

- Select a value -

---

No chronic indwelling catheter AND ONE of the following

- Select a value -

Acute dysuria OR

- Select a value -

Fever over 100 degrees F or increase in 2.4 degrees F above baseline temp.

- Select a value -

**AND AT LEAST ONE of the following**

Urgency

- Select a value -

frequency

- Select a value -

suprapubic pain

- Select a value -

gross hematuria

- Select a value -

costovertebral angle tenderness

- Select a value -

urinary incontinence

- Select a value -

---

ADDITIONAL INFORMATION

Labwork ordered

Date of order

Antibiotic prescribed

Urinalysis (UA)

Culture and Sensitivity (C/S)

Complete Blood Count (CBC)

2. ANTIBIOTIC USE   
Yes  
No  
N/A

Antibiotic use  0. No  1. Yes

Medication

Dose

Duration

- Form continues to Page 11 -

**(Everything below appears as a continuation to every infection section from above)**

**- Form Continued -**

BASIC ASSESSMENT TRACKING FORM

SECTION AA. IDENTIFICATION INFORMATION

2. GENDER

1. Male  2. Female

3. BIRTHDATE

4. RACE/ETHNICITY

8. REASON FOR ASSESSMENT

a. Primary reason for assessment

b. Codes for assessments required for Medicare PPS or the State

SECTION AB. DEMOGRAPHIC INFORMATION

1. DATE OF ENTRY

2. ADMITTED FROM (AT ENTRY)

3. LIVED ALONE (PRIOR TO ENTRY)

4. ZIP CODE OF PRIOR PRIMARY RESIDENCE

5. RESIDENTIAL HISTORY 5 YEARS PRIOR TO ENTRY

- a. Prior stay at the nursing home  d. MH/psychiatric setting  
 b. Stay in other nursing home  e. MR/DD setting  
 c. Other residential facility - board and care home, assisted living, group home  f. NONE OF THE ABOVE

6. LIFETIME OCCUPATION(S)

7. EDUCATION (Highest Level Completed)

8. LANGUAGE

LANGUAGE (If other, specify)

9. MENTAL HEALTH HISTORY

0. No  1. Yes

10. CONDITIONS RELATED TO MR/DD STATUS

- a. Not applicable - no MR/DD (Skip to AB11)  d. Epilepsy - MR/DD with organic condition  
 b. Down's syndrome - MR/DD with organic condition  e. Other organic condition related to MR/DD - MR/DD with organic condition  
 c. Autism - MR/DD with organic condition  f. MR/DD with no organic condition

11. DATE BACKGROUND INFORMATION COMPLETED

SECTION AC. CUSTOMARY ROUTINE

---

- This section is not needed.

SECTION AD. FACE SHEET SIGNATURES

---

- This section is not needed.

SECTION B. COGNITIVE PATTERNS

---

- This section is not needed.

SECTION C. COMMUNICATION/HEARING PATTERNS

---

- This section is not needed.

SECTION D. VISION PATTERNS

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- This section is not needed.

SECTION E. MOOD AND BEHAVIORAL PATTERNS

---

- This section is not needed.

SECTION F. PSYCHOLOGICAL WELL-BEING

---

- This section is not needed.

SECTION G. PHYSICAL FUNCTIONING AND STRUCTURAL PROBLEMS

---

- This section is not needed.

SECTION H. CONTINENCE IN LAST 14 DAYS

---

- This section is not needed.

## SECTION I. DISEASE DIAGNOSES

### 1. DISEASES

#### ENDOCRINE/METABOLIC/NUTRITIONAL

- a. Diabetes melitus     c. Hypothyroidism  
 b. Hyperthyroidism

#### HEART/CIRCULATION

- d. Arteriosclerotic heart disease (ASHD)     h. Hypertension  
 e. Cardiac dysrhythmia     i. Hypotension  
 f. Congestive heart failure     j. Peripheral vascular disease  
 g. Deep vein thrombosis     k. Other cardiovascular disease

#### MUSCULOSKELETAL

- l. Arthritis     o. Osteoporosis  
 m. Hip fracture     p. Pathological bone fracture  
 n. Missing limb

#### NEUROLOGICAL

- q. Alzheimer's disease     x. Paraplegia  
 r. Aphasia     y. Parkinson's disease  
 s. Cerebral palsy     z. Quadriplegia  
 t. Cerebrovascular accident (stroke)     aa. Seizure disorder  
 u. Dementia other than Alzheimer's disease     bb. Transient ischemic attack (TIA)  
 v. Hemiplegia/Hemiparesis     cc. Traumatic brain injury  
 w. Multiple sclerosis

#### PSYCHIATRIC/MOOD

- dd. Anxiety disorder     ff. Manic depression  
 ee. Depression     gg. Schizophrenia

#### PULMONARY

- hh. Asthma     ii. Emphysema/COPD

#### SENSORY

- jj. Cataracts     ll. Glaucoma  
 kk. Diabetic retinopathy     mm. Macular degeneration

#### OTHER

- nn. Allergies     qq. Renal failure  
 oo. Anemia     rr. NONE OF ABOVE  
 pp. Cancer

**2. INFECTIONS**

**INFECTIONS**

- a. Antibiotic resistant infection
- b. Clostridium difficile
- c. Conjunctivitis
- d. HIV infection
- e. Pneumonia
- f. Respiratory infection
- g. Septicemia
- h. Sexually transmitted diseases
- i. Tuberculosis
- j. Urinary tract infection in last 30 days
- k. Viral hepatitis
- l. Wound infection
- m. NONE OF ABOVE

**3. OTHER CURRENT OR MORE DETAILED DIAGNOSES AND ICD-9 CODES**

a	<input type="text"/>
Value for a	<input type="text"/>
b	<input type="text"/>
Value for b	<input type="text"/>
c	<input type="text"/>
Value for c	<input type="text"/>
d	<input type="text"/>
Value for d	<input type="text"/>
e	<input type="text"/>
Value for e	<input type="text"/>

SECTION J. HEALTH CONDITIONS PROBLEM CONDITIONS

**1. PROBLEM CONDITIONS**

(Check all problems present in last 7 days unless other time frame is indicated)

**INDICATORS OF FLUID STATUS**

- a. Weight gain or loss of 3 or more pounds within a 7 day period     c. Dehydrated; output exceeds input
- b. Inability to lie flat due to shortness of breath     d. Insufficient fluid; did NOT consume all/almost all liquids provided during last 3 days

**OTHER**

- e. Delusions     k. Recurrent lung aspirations in last 90 days
- f. Dizziness/Vertigo     l. Shortness of breath
- g. Edema     m. Syncope (fainting)
- h. Fever     n. Unsteady gait
- i. Hallucinations     o. Vomiting
- j. Internal bleeding     p. NONE OF ABOVE

**2. PAIN SYMPTOMS**

a. FREQUENCY with which residents complains or shows evidence of pain

- Select a value -

b. INSTENSITY of pain

- Select a value -

**3. PAIN SITE**

- a. Back pain     f. Incisional pain
- b. Bone pain     g. Joint pain (other than hip)
- c. Chest pain while doing usual activities     h. Soft tissue pain (e.g., lesion, muscle)
- d. Headache     i. Stomach pain
- e. Hip pain     j. Other

**4. ACCIDENTS**

- a. Fell in past 30 days     d. Other fracture in last 180 days
- b. Fell in past 31 - 180 days     e. NONE OF ABOVE
- c. Hip fracture in last 180 days

**5. STABILITY OF CONDITIONS**

- a. Conditions/diseases make resident's cognitive, ADL, mood or behavior patterns unstable - (fluctuating, precarious, or deteriorating)     c. End-stage disease, 6 or fewer months to live
- b. Resident experiencing an acute episode or a flare-up of a recurrent or chronic problem     d. NONE OF ABOVE

SECTION K. ORAL/NUTRITIONAL STATUS

---

- This section is not needed.

SECTION L. ORAL/DENTAL STATUS

---

- This section is not needed.

SECTION M. SKIN CONDITION

---

- This section is not needed.

SECTION N. ACTIVITY PURSUIT PATTERNS

---

- This section is not needed.

MDS QUARTERLY ASSESSMENT FORM

A3. ASSESSMENT REFERENCE DATE

a. Last day of MDS observation period

b. Original (0) or corrected copy of form  
(enter number of correction)

A4. DATE OF REENTRY

B1. COMATOSE  0. No  1. Yes

B2. MEMORY

a. Short-term memory OK - seems/appears  
to recall after 5 minutes  0. Memory OK  1. Memory problem

b. Long-term memory OK - seems/appears to  
recall long past  0. Memory OK  1. Memory problem

B4. COGNITIVE SKILLS FOR DAILY DECISION-MAKING

(Made decisions regarding tasks of daily life)

B5. INDICATORS OF DELIRIUM - PERIODIC DISORDERED THINKING/AWARENESS

a. EASILY DISTRACTED

b. PERIODS OF ALTERED PERCEPTION OR  
AWARENESS OF SURROUNDINGS

c. EPISODES OF DISORGANIZED SPEECH

d. PERIODS OF RESTLESSNESS

e. PERIODS OF LETHARGY

f. MENTAL FUNCTION VARIES OVER THE  
COURSE OF THE DAY

**C4. MAKING SELF UNDERSTOOD**

(Expressing information content - however able)

- Select a value -

**C6. ABILITY TO UNDERSTAND OTHERS**

(Understanding verbal information content - however able)

- Select a value -

**E1. INDICATORS OF DEPRESSION, ANXIETY, SAD MOOD**

**VERBAL EXPRESSIONS OF DISTRESS**

- a. Resident made negative statement
- b. Repetitive questions
- c. Repetitive verbalizations
- d. Persistent anger with self or others
- e. Self deprecating
- f. Expressions of what appear to be unrealistic fears
- g. Recurrent statements that something terrible is about to happen
- h. Repetitive health complaints
- i. Repetitive anxious complaints/concerns (non-health related)

**SLEEP-CYCLE ISSUES**

- j. Unpleasant mood in morning
- k. Insomnia/change in usual sleep pattern

**SAD, APATHETIC, ANXIOUS APPEARANCE**

l. Sad, painted, worried facial expressions

m. Crying, tearfulness

n. Repetitive physical movements

**LOSS OF INTEREST**

o. Withdraw from activities of interest

p. Reduced social interaction

**E2. MOOD PERSISTANCE**

- Select a value -

**E4. BEHAVIORAL SYMPTOMS**

a. WANDERING - (A)

a. WANDERING - (B)

b. VERBALLY ABUSIVE BEHAVIORAL SYMPTOMS - (A)

b. VERBALLY ABUSIVE BEHAVIORAL SYMPTOMS - (B)

c. PHYSICALLY ABUSIVE BEHAVIORAL SYMPTOMS - (A)

c. PHYSICALLY ABUSIVE BEHAVIORAL SYMPTOMS - (B)

d. SOCIALLY INAPPROPRIATE/DISRUPTIVE BEHAVIORAL SYMPTOMS - (A)

d. SOCIALLY INAPPROPRIATE/DISRUPTIVE BEHAVIORAL SYMPTOMS - (B)

e. RESISTS CARE - (A)

e. RESISTS CARE - (B)

**G1. (A) ADL SELF-PERFORMANCE**

- a. BED MOBILITY
- b. TRANSFER
- c. WALK IN ROOM
- d. WALK IN CORRIDOR
- e. LOCOMOTION ON UNIT
- f. LOCOMOTION OFF UNIT
- g. DRESSING
- h. EATING
- i. TOILET USE
- j. PERSONAL HYGIENE
  
- G2. BATHING

**G4. FUNCTIONAL LIMITATION IN RANGE OF MOTION**

- a. Neck - (A)
- a. Neck - (B)
- b. Arm - (A)
- b. Arm - (B)
- c. Hand - (A)
- c. Hand - (B)
- d. Leg - (A)
- d. Leg - (B)
- e. Foot - (A)
- e. Foot - (B)
- f. Other limitation or loss - (A)
- f. Other limitation or loss - (B)

**G6. MODES OF TRANSFER**

- a. Bedfast all or most of time
- b. Bed rails used for bed mobility or transfer
- f. NONE OF ABOVE

**H1. CONTINENCE SELF-CONTROL CATEGORIES**

a. BOWEL CONTINENCE

b. BLADDER CONTINENCE

**H2. BOWEL ELIMINATION PATTERN**  d. Fecal Impaction  e. NONE OF ABOVE

**H3. APPLIANCES AND PROGRAMS**

a. Any schedule toileting plan  d. Indwelling catheter  
 b. Bladder retraining program  i. Ostomy present  
 c. External (condom) catheter  j. NONE OF ABOVE

**I2. INFECTIONS**  j. Urinary tract infection in last 30 days  m. NONE OF ABOVE

**I3. OTHER CURRENT DIAGNOSES AND ICD-9 CODES**

(a.)

Value for (a.)

(b.)

Value for (b.)

**J1. PROBLEM CONDITIONS**  c. Dehydrated; output exceeds input  p. NONE OF ABOVE  
 l. Hallucinations

**J2. PAIN SYMPTOMS - NOT NEEDED**

**J3. PAIN SITE - NOT NEEDED**

**J4. ACCIDENTS**  a. Fell in past 30 days  d. Other fracture in last 180 days  
 b. Fell in past 31-180 days days  e. NONE OF ABOVE  
 c. Hip fracture in last 180 days

**J5. STABILITY OF CONDITIONS**  a. Conditions/diseases make resident's cognitive, ADL, mood or behavior status unstable - (fluctuating, precarious, or deteriorating)  c. End-stage disease, 6 or fewer months to live  
 b. Resident experiencing an acute episode or a flare-up of a recurrent or chronic problem  d. NONE OF ABOVE

**K3. WEIGHT CHANGE**

a. Weight loss  0. No  1. Yes

b. Weight gain  0. No  1. Yes

**K5. NUTRITIONAL APPROACHES**

- b. Feeding tube  i. NONE OF ABOVE  
 h. On a planned weight change program

**M1. ULCERS**

- a. Stage 1   
b. Stage 2   
c. Stage 3   
d. Stage 4

**M2. TYPE OF ULCER**

- a. Pressure ulcer   
b. Stasis ulcer

**N1. TIME AWAKE**

- a. Morning  c. Evening  
 b. Afternoon  d. NONE OF ABOVE

**N2. AVERAGE TIME INVOLVED IN ACTIVITIES**

**O1. NUMBER OF MEDICATIONS**

**O4. DAYS RECEIVED THE FOLLOWING MEDICATION**

- a. Antipsychotic   
b. Antianxiety   
c. Antidepressant   
d. Hypnotic   
e. Diuretic

**P4. DEVICES AND RESTRAINTS**

- a. Full bed rails on all open sides of bed
- b. Other types of side rails used (e.g., half rail, one side)
- c. Trunk restraint
- d. Limb restraint
- e. Chair prevents rising

**Q2. OVERALL CHANGE IN CARE NEEDS**

**SECTION W. SUPPLEMENTAL MDS ITEMS**

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**2. Influenza Vaccines**

**a. Did the resident receive the influenza vaccine in this facility for the year's influenza season (October 1 through March 31)?**  0. No (If No, go to item W2b)  3. Not documented  
 1. Yes (If Yes, go to item W3)

**b. If influenza vaccine not received, state reason**

- 1. Not in facility during the year's flu season
- 2. Received outside of this facility
- 3. Not eligible
- 4. Offered and declined
- 5. Not offered
- 6. Inability to obtain vaccine
- 7. Not documented

**3. Pneumococcal Vaccine**

**a. Is the resident's PPV status up to date?**  0. No (If No, go to item W3b)  2. Not documented  
 1. Yes (If Yes, skip to item W3b)

**b. If PPV not received, state reason**

- 1. Not eligible
- 2. Offered and declined
- 3. Not offered
- 4. Not documented

DISCHARGE TRACKING FORM

---

SECTION AA. IDENTIFICATION INFORMATION

- This section is not needed.

SECTION AB. DEMOGRAPHIC INFORMATION

- This section is not needed.

SECTION A. IDENTIFICATION AND BACKGROUND INFORMATION

- This section is not needed.

SECTION R. ASSESSMENT/DISCHARGE INFORMATION

3. DISCHARGE STATUS

a. Code for resident disposition upon discharge

b. Optional State Code

4. DISCHARGE DATE

REENTRY TRACKING FORM

---

SECTION AA. IDENTIFICATION INFORMATION

- This section is not needed.

SECTION A. IDENTIFICATION AND BACKGROUND INFORMATION

4a. DATE OF REENTRY

4b. ADMITTED FROM (AT REENTRY)

Modified By:

Modified:

Created By:

Created:

Save Draft

Save and Add New

Save and Close

Cancel

- This is the end of the form -