

Patient Information

Patient ID

I. Patient Information

1. Enrollment Date

(mm-dd-yyyy)

2. Orientation date (Education about the protocol)

(mm-dd-yyyy)

3. Date of IPP review with provider

4. Method of IPP review

- In-person
- phone call from provider
- via letter in myCHART or other EHR

5. Date of Birth

6. Sex

- Female
- Male
- Intersex
- None of these describe me
- Prefer not to answer

Sex- please describe:

7. Race

- American Indian or Alaska Native
- Asian
- Native Hawaiian or Other Pacific Islander
- Black or African American
- White
- More than one race
- Unknown
- Prefer not to answer

8. Ethnicity

- Hispanic or Latino
- Not Hispanic or Latino
- Unknown
- Prefer not to answer

9. Genotype:

- SS
- SC
- SB+
- SBO
- Other

Other, please specify

10. Registry Subject ID - If participant is not enrolled in the registry, please ask them about enrolling:

II. Patient Pain Plan Log

11. Date IPP created

(mm-dd-yyyy)

12. Date IPP revised after enrollment, if applicable (patients already had pain plans before enrollment)

(mm-dd-yyyy)

13. Check the components of the plan (SELECT ALL THAT APPLY)

- Genotype
- Pain Plan
- Name of hematologist
- Contact of hematologist

b. The Pain Plan contains

- i. Drug name
- ii. Drug dose
- iii. Drug route
- iv. Last update date

14. Check if the IPP includes the following additional content (SELECT ALL THAT APPLY)

- a. Allergies
- b. Significant past medical history specific to SCD (i.e., acute chest syndrome, stroke, renal disease)
- c. Significant other history relative to an ED visit (i.e., patient is ultrasensitive to morphine or dilaudid)
- Other

Other, please specify

15. IPP Order

Drug 1

a. Drug name

- Morphine sulfate
- Hydromorphone
- Fentanyl
- Other (specify below)

Please specify the other drug

b. Drug dose ordered:

d. Drug unit

- mg
- mcg

e. Drug route

- Intravenous
- Intramuscular
- Subcutaneous
- Oral
- Intranasal fentanyl
- Other: _____

Drug 2

a. Drug name

- Morphine sulfate
- Hydromorphone
- Fentanyl
- Other (specify below)

Please specify the other drug

b. Drug dose ordered:

d. Drug unit

- mg
- mcg

e. Drug route

- Intravenous
- Intramuscular
- Subcutaneous
- Oral
- Intranasal fentanyl
- Other: _____

Drug 3

a. Drug name

- Morphine sulfate
- Hydromorphone
- Fentanyl
- Other (specify below)

Please specify the other drug

b. Drug dose ordered:

d. Drug unit

- mg
- mcg

e. Drug route

- Intravenous
- Intramuscular
- Subcutaneous
- Oral
- Intranasal fentanyl
- Other: _____

Drug 4

a. Drug name

- Morphine sulfate
- Hydromorphone
- Fentanyl
- Other (specify below)

Please specify the other drug

b. Drug dose ordered:

d. Drug unit

- mg
- mcg

e. Drug route

- Intravenous
- Intramuscular
- Subcutaneous
- Oral
- Intranasal fentanyl
- Other: _____

Drug 5

a. Drug name

- Morphine sulfate
- Hydromorphone
- Fentanyl
- Other (specify below)

Please specify the other drug

b. Drug dose ordered:

d. Drug unit

- mg
- mcg

e. Drug route

- Intravenous
- Intramuscular
- Subcutaneous
- Oral
- Intranasal fentanyl
- Other: _____

Drug 6

a. Drug name

- Morphine sulfate
- Hydromorphone
- Fentanyl
- Other (specify below)

Please specify the other drug

b. Drug dose ordered:

d. Drug unit

- mg
- mcg

e. Drug route

- Intravenous
- Intramuscular
- Subcutaneous
- Oral
- Intranasal fentanyl
- Other: _____

**III. Baseline EHR retrieval data
(past 12 months from enrollment, VOE visits, enrolled patients)**

Visit 1

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

_____ (hh:mm)

5. Time of first opioid administration

_____ (hh:mm)

6. Admission

- Yes
- No

Visit 2

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE Yes
 No

4. Time of arrival _____
(hh:mm)

5. Time of first opioid administration _____
(hh:mm)

6. Admission Yes
 No

Visit 3

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date _____
(mm-dd-yyyy)

3. Reason of ED visit is VOE Yes
 No

4. Time of arrival _____
(hh:mm)

5. Time of first opioid administration _____
(hh:mm)

6. Admission Yes
 No

Visit 4

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

_____ (hh:mm)

5. Time of first opioid administration

_____ (hh:mm)

6. Admission

- Yes
- No

Visit 5

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

_____ (hh:mm)

5. Time of first opioid administration

_____ (hh:mm)

6. Admission

- Yes
 - No
-

Visit 6

1. ED visited

- Methodist University Hospital
 - Duke University Hospital Emergency Department
 - UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 - UCSF Children's Oakland ED
 - UCSF Children's Mission Bay ED
 - UCSF Parnassus ED
 - UCSF Zuckerberg San Francisco General Hospital ED
 - UC Davis
 - The Mount Sinai Hospital Emergency Department
 - Barnes Hospital
 - Augusta University Medical Center Emergency Department
 - MUSC Emergency Department
-

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 - No
-

4. Time of arrival

_____ (hh:mm)

5. Time of first opioid administration

_____ (hh:mm)

6. Admission

- Yes
- No

Visit 7

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

_____ (hh:mm)

5. Time of first opioid administration

_____ (hh:mm)

6. Admission

- Yes
- No

Visit 8

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

_____ (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No
-

Visit 9

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department
-

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No
-

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

 Visit 10

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

 (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

 (hh:mm)

5. Time of first opioid administration

 (hh:mm)

6. Admission

- Yes
 No

 Visit 11

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

 (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Visit 12

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Visit 13**1. ED visited**

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
- No

Visit 14**1. ED visited**

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No
-

Visit 15

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department
-

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No
-

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Visit 16**1. ED visited**

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
- No

Visit 17**1. ED visited**

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No
-

Visit 18

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department
-

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No
-

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Visit 19

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
- No

Visit 20

1. ED visited

- Methodist University Hospital
- Duke University Hospital Emergency Department
- UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
- UCSF Children's Oakland ED
- UCSF Children's Mission Bay ED
- UCSF Parnassus ED
- UCSF Zuckerberg San Francisco General Hospital ED
- UC Davis
- The Mount Sinai Hospital Emergency Department
- Barnes Hospital
- Augusta University Medical Center Emergency Department
- MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
- No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Visit 21

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

 Visit 22

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

 (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

 (hh:mm)

5. Time of first opioid administration

 (hh:mm)

6. Admission

- Yes
 No

 Visit 23

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

 (mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No
-

Visit 24

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department
-

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No
-

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Visit 25

1. ED visited

- Methodist University Hospital
 Duke University Hospital Emergency Department
 UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)
 UCSF Children's Oakland ED
 UCSF Children's Mission Bay ED
 UCSF Parnassus ED
 UCSF Zuckerberg San Francisco General Hospital ED
 UC Davis
 The Mount Sinai Hospital Emergency Department
 Barnes Hospital
 Augusta University Medical Center Emergency Department
 MUSC Emergency Department

2. ED visit date

(mm-dd-yyyy)

3. Reason of ED visit is VOE

- Yes
 No

4. Time of arrival

(hh:mm)

5. Time of first opioid administration

(hh:mm)

6. Admission

- Yes
 No

Total number of ED VOE visits - 12 months prior to enrollment

Total number of ED VOE visits - 12 months prior to enrollment (Calculated)

Total number of hospitalizations - 12 months prior to enrollment

Total number of hospitalizations - 12 months prior to enrollment (Calculated)
