

#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)												
Instrument: Provider Training Tracking Log (provider_training_tracking_log)															
1	[provider_id]	Provider ID	text Custom alignment: LV												
2	[pro_c1]	1. Training completion date <i>mm/dd/yyyy</i>	text (date_mdy) Custom alignment: LH												
3	[pro_c2]	2. Mode of training	checkbox <table border="1"> <tr> <td>1</td> <td>pro_c2__1</td> <td>Email</td> </tr> <tr> <td>2</td> <td>pro_c2__2</td> <td>Staff meeting</td> </tr> <tr> <td>3</td> <td>pro_c2__3</td> <td>Study specific training meeting</td> </tr> <tr> <td>99</td> <td>pro_c2__99</td> <td>Other</td> </tr> </table> Custom alignment: LH	1	pro_c2__1	Email	2	pro_c2__2	Staff meeting	3	pro_c2__3	Study specific training meeting	99	pro_c2__99	Other
1	pro_c2__1	Email													
2	pro_c2__2	Staff meeting													
3	pro_c2__3	Study specific training meeting													
99	pro_c2__99	Other													
4	[pro_c2_oth] Show the field ONLY if: [pro_c2(99)] = '1'	Please describe	text Custom alignment: LH												
5	[provider_training_tracking_log_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: Provider Survey (provider_survey)  Enabled as survey															
6	[pro_sf1] Show the field ONLY if: [event-name]='96_hour_followup_arm_1'	Section Header: <i>Survey Setup Please complete this section and save the form before sending the survey to the provider</i> Date and time of the ED VOE visit?	text (datetime_mdy) Field Annotation: @HIDDEN-SURVEY												
7	[pro_sf1a] Show the field ONLY if: [event-name]='96_hour_followup_arm_1'	Day of the week	text Field Annotation: @ADV-CALC-FIELD={ "expression": "var d = new Date('[pro_sf1]'); var dowMap = ['Sunday','Monday','Tuesday','Wednesday','Thursday','Friday','Saturday']; return dowMap[d.getDay()];" } @HIDDEN												

8	<p>[pro_sf2]</p> <p>Show the field ONLY if: [event-name]='96_hour_followu p_arm_1'</p>	Emergency Department visited	<p>dropdown</p> <table border="1" data-bbox="1042 111 1526 604"> <tr><td>10</td><td>Methodist Hospital</td></tr> <tr><td>20</td><td>Duke University Hospital Emergency Department</td></tr> <tr><td>30</td><td>UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)</td></tr> <tr><td>40</td><td>UCSF Children's Oakland ED</td></tr> <tr><td>41</td><td>UCSF Children's Mission Bay ED</td></tr> <tr><td>42</td><td>UCSF Parnassus ED</td></tr> <tr><td>43</td><td>UCSF Zuckerberg San Francisco General Hospital ED</td></tr> <tr><td>50</td><td>The Mount Sinai Hospital Emergency Department</td></tr> <tr><td>60</td><td>Barnes Hospital</td></tr> <tr><td>70</td><td>Augusta University Medical Center Emergency Department</td></tr> <tr><td>80</td><td>MUSC Emergency Department</td></tr> </table> <p>Field Annotation: @HIDE-CHOICE-WHEN=[{"code":["10"],"logic":["record-dag-name]='st_jude'"}, {"code":["20"],"logic":["record-dag-name]!='duke'"}, {"code":["30"],"logic":["record-dag-name]='chicago'"}, {"code":["40","41","42","43"],"logic":["record-dag-name]='ucsf'"}, {"code":["50"],"logic":["record-dag-name]='mt_sinai'"}, {"code":["60"],"logic":["record-dag-name]='washu'"}, {"code":["70"],"logic":["record-dag-name]='augusta'"}, {"code":["80"],"logic":["record-dag-name]='muscu'"}] @HIDDEN-SURVEY</p>	10	Methodist Hospital	20	Duke University Hospital Emergency Department	30	UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)	40	UCSF Children's Oakland ED	41	UCSF Children's Mission Bay ED	42	UCSF Parnassus ED	43	UCSF Zuckerberg San Francisco General Hospital ED	50	The Mount Sinai Hospital Emergency Department	60	Barnes Hospital	70	Augusta University Medical Center Emergency Department	80	MUSC Emergency Department
10	Methodist Hospital																								
20	Duke University Hospital Emergency Department																								
30	UI Health Emergency Department (1740 W. Taylor in Chicago, Illinois 60612)																								
40	UCSF Children's Oakland ED																								
41	UCSF Children's Mission Bay ED																								
42	UCSF Parnassus ED																								
43	UCSF Zuckerberg San Francisco General Hospital ED																								
50	The Mount Sinai Hospital Emergency Department																								
60	Barnes Hospital																								
70	Augusta University Medical Center Emergency Department																								
80	MUSC Emergency Department																								
9	<p>[pro_sf3]</p> <p>Show the field ONLY if: [event-name]='96_hour_followu p_arm_1'</p>	Which study participant is this survey responding to?	<p>sql (autocomplete)</p> <pre>SELECT record, record FROM redcap_record_list JOIN redcap_data_access_groups ON redcap_record_list.dag_id=redcap_data_access_groups.grou WHERE redcap_record_list.project_id=99 AND group_name=[record-dag-label] ORDER by record</pre> <p>Field Annotation: @HIDDEN-SURVEY</p>																						
10	<p>[pro_f1a]</p> <p>Show the field ONLY if: [event-name]='baseline_arm_1' OR ([baseline_arm_1][pro_f1a] =" AND [current-instance]=[first -instance])</p>	<p>Section Header: <i>General Questions</i></p> <p>1. General Information</p> <p>1a. Age</p>	<p>text</p> <p>Custom alignment: LV</p>																						
11	<p>[pro_f1b]</p> <p>Show the field ONLY if: [event-name]='baseline_arm_1' OR ([baseline_arm_1][pro_f1b] =" AND [current-instance]=[first -instance])</p>	1b. Sex	<p>radio</p> <table border="1" data-bbox="1042 1327 1312 1518"> <tr><td>1</td><td>Female</td></tr> <tr><td>2</td><td>Male</td></tr> <tr><td>3</td><td>Intersex</td></tr> <tr><td>4</td><td>None of these describe me</td></tr> <tr><td>5</td><td>Prefer not to answer</td></tr> </table> <p>Custom alignment: LV</p>	1	Female	2	Male	3	Intersex	4	None of these describe me	5	Prefer not to answer												
1	Female																								
2	Male																								
3	Intersex																								
4	None of these describe me																								
5	Prefer not to answer																								
12	<p>[pro_f1both]</p> <p>Show the field ONLY if: [pro_f1b] = '4'</p>	Sex: Please describe	text																						

13	<p>[pro_f1c]</p> <p>Show the field ONLY if: [event-name]='baseline_arm_1' OR (([baseline_arm_1])[pro_f1c] =" AND [current-instance]=[first -instance])</p>	1c. Race	<p>radio</p> <table border="1"> <tr><td>1</td><td>American Indian or Alaska Native</td></tr> <tr><td>2</td><td>Asian</td></tr> <tr><td>3</td><td>Native Hawaiian or Other Pacific Islander</td></tr> <tr><td>4</td><td>Black or African American</td></tr> <tr><td>5</td><td>White</td></tr> <tr><td>6</td><td>More than one race</td></tr> <tr><td>7</td><td>Unknown</td></tr> <tr><td>8</td><td>Prefer not to answer</td></tr> </table> <p>Custom alignment: LV</p>	1	American Indian or Alaska Native	2	Asian	3	Native Hawaiian or Other Pacific Islander	4	Black or African American	5	White	6	More than one race	7	Unknown	8	Prefer not to answer
1	American Indian or Alaska Native																		
2	Asian																		
3	Native Hawaiian or Other Pacific Islander																		
4	Black or African American																		
5	White																		
6	More than one race																		
7	Unknown																		
8	Prefer not to answer																		
14	<p>[pro_f1d]</p> <p>Show the field ONLY if: [event-name]='baseline_arm_1' OR (([baseline_arm_1])[pro_f1d] =" AND [current-instance]=[first -instance])</p>	1d. Ethnicity	<p>radio</p> <table border="1"> <tr><td>1</td><td>Hispanic or Latino</td></tr> <tr><td>2</td><td>Not Hispanic or Latino</td></tr> <tr><td>3</td><td>Unknown</td></tr> <tr><td>4</td><td>Prefer not to answer</td></tr> </table> <p>Custom alignment: LV</p>	1	Hispanic or Latino	2	Not Hispanic or Latino	3	Unknown	4	Prefer not to answer								
1	Hispanic or Latino																		
2	Not Hispanic or Latino																		
3	Unknown																		
4	Prefer not to answer																		
15	<p>[pro_f1e]</p> <p>Show the field ONLY if: [event-name]='baseline_arm_1' OR (([baseline_arm_1])[pro_f1e] =" AND [current-instance]=[first -instance])</p>	1e. Occupation	<p>radio</p> <table border="1"> <tr><td>1</td><td>Physician</td></tr> <tr><td>6</td><td>Physician Assistant</td></tr> <tr><td>2</td><td>Registered Nurse</td></tr> <tr><td>3</td><td>Nurse Practitioner</td></tr> <tr><td>4</td><td>Resident</td></tr> <tr><td>5</td><td>Other</td></tr> </table> <p>Custom alignment: LV</p>	1	Physician	6	Physician Assistant	2	Registered Nurse	3	Nurse Practitioner	4	Resident	5	Other				
1	Physician																		
6	Physician Assistant																		
2	Registered Nurse																		
3	Nurse Practitioner																		
4	Resident																		
5	Other																		
16	<p>[pro_f1eoth]</p> <p>Show the field ONLY if: [pro_f1e] = '5'</p>	Occupation: Please specify:	<p>text</p> <p>Custom alignment: RH</p>																
17	[pro_fa2]	2. On a scale of 1-7, I do a good job of managing pain for patients with SCD.	<p>radio</p> <table border="1"> <tr><td>1</td><td>1- totally disagree</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7- totally agree</td></tr> </table> <p>Custom alignment: LH</p>	1	1- totally disagree	2	2	3	3	4	4	5	5	6	6	7	7- totally agree		
1	1- totally disagree																		
2	2																		
3	3																		
4	4																		
5	5																		
6	6																		
7	7- totally agree																		
18	[pro_fa3]	3. On a scale of 1-7, how comfortable are you with your ability to manage acute pain episodes experienced by patients with sickle cell disease?	<p>radio</p> <table border="1"> <tr><td>1</td><td>1-not at all comfortable</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7 - extremely comfortable</td></tr> </table> <p>Custom alignment: LH</p>	1	1-not at all comfortable	2	2	3	3	4	4	5	5	6	6	7	7 - extremely comfortable		
1	1-not at all comfortable																		
2	2																		
3	3																		
4	4																		
5	5																		
6	6																		
7	7 - extremely comfortable																		

19	[pro_fa4]	4. On a scale of 1-7, how likely are you to use the individualized pain plan when a patient with SCD has an ED visit?	radio <table border="1"> <tr><td>1</td><td>1 - not likely at all</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7 - very likely</td></tr> </table> Custom alignment: LH	1	1 - not likely at all	2	2	3	3	4	4	5	5	6	6	7	7 - very likely
1	1 - not likely at all																
2	2																
3	3																
4	4																
5	5																
6	6																
7	7 - very likely																
20	[pro_fb1] Show the field ONLY if: [event-name]='96_hour_followup_arm_1'	Section Header: <i>Please answer the following questions with respect to the patient with sickle cell disease that you cared for at [pro_sf2] ED on [pro_sf1a], [pro_sf1].</i> 1. Did you find or see the pain plan for the patient?	radio <table border="1"> <tr><td>1</td><td>a. Yes, I found it in the EHR provider interface.</td></tr> <tr><td>2</td><td>b. Yes, I looked at it on the patient's phone (EHR).</td></tr> <tr><td>3</td><td>c. No, I was not aware this patient had a pain plan.</td></tr> <tr><td>4</td><td>d. No, I did not find the pain plan, I ordered what I thought the patient needed.</td></tr> <tr><td>5</td><td>e. Other</td></tr> </table> Custom alignment: LV	1	a. Yes, I found it in the EHR provider interface.	2	b. Yes, I looked at it on the patient's phone (EHR).	3	c. No, I was not aware this patient had a pain plan.	4	d. No, I did not find the pain plan, I ordered what I thought the patient needed.	5	e. Other				
1	a. Yes, I found it in the EHR provider interface.																
2	b. Yes, I looked at it on the patient's phone (EHR).																
3	c. No, I was not aware this patient had a pain plan.																
4	d. No, I did not find the pain plan, I ordered what I thought the patient needed.																
5	e. Other																
21	[pro_fb1oth] Show the field ONLY if: [pro_fb1] = '5' AND [event-name]='96_hour_followup_arm_1'	Other, please specify:	text Custom alignment: RH														
22	[pro_fb2] Show the field ONLY if: ([pro_fb1] = '2' OR [pro_fb1] = '1') AND [event-name]='96_hour_followup_arm_1'	2. On a scale of 1-7, how easy was it to find the individualized pain plan?	radio <table border="1"> <tr><td>1</td><td>1 - not at all</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7 - extremely easy</td></tr> </table> Custom alignment: LH	1	1 - not at all	2	2	3	3	4	4	5	5	6	6	7	7 - extremely easy
1	1 - not at all																
2	2																
3	3																
4	4																
5	5																
6	6																
7	7 - extremely easy																
23	[pro_fb3] Show the field ONLY if: [pro_fb1] = '1' or [pro_fb1] = '2' AND [event-name]='96_hour_followup_arm_1'	3. Did you order opioids suggested in the pain plan?	radio <table border="1"> <tr><td>1</td><td>a. Yes</td></tr> <tr><td>2</td><td>b. No</td></tr> </table> Custom alignment: LV	1	a. Yes	2	b. No										
1	a. Yes																
2	b. No																
24	[pro_fb3oth] Show the field ONLY if: [pro_fb3] = '2' AND [event-name]='96_hour_followup_arm_1'	Please provide reason:	text														
25	[pro_fb4] Show the field ONLY if: [pro_fb1] = '1' or [pro_fb1] = '2' AND [event-name]='96_hour_followup_arm_1'	4. Did you order the DOSE suggested in the pain plan?	radio <table border="1"> <tr><td>1</td><td>a. Yes</td></tr> <tr><td>2</td><td>b. No</td></tr> </table> Custom alignment: LV	1	a. Yes	2	b. No										
1	a. Yes																
2	b. No																
26	[pro_fb4oth] Show the field ONLY if: [pro_fb4] = '2' AND [event-name]='96_hour_followup_arm_1'	Please provide reason:	text														

27	<p>[pro_fb5]</p> <p>Show the field ONLY if: [event-name]='96_hour_followu p_arm_1'</p>	<p>5. On a scale of 1-7, how comfortable were you with your ability to manage the acute pain episodes experienced by this patient?</p>	<p>radio</p> <table border="1" data-bbox="1044 111 1304 373"> <tr><td>1</td><td>1 - not at all comfortable</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7 - extremely comfortable</td></tr> </table> <p>Custom alignment: LH</p>	1	1 - not at all comfortable	2	2	3	3	4	4	5	5	6	6	7	7 - extremely comfortable
1	1 - not at all comfortable																
2	2																
3	3																
4	4																
5	5																
6	6																
7	7 - extremely comfortable																
28	<p>[pro_fb6]</p> <p>Show the field ONLY if: [event-name]='96_hour_followu p_arm_1'</p>	<p>6. On a scale of 1-7, I did a good job of managing pain for this patient.</p>	<p>radio</p> <table border="1" data-bbox="1044 462 1239 724"> <tr><td>1</td><td>1 - totally disagree</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7 - totally agree</td></tr> </table> <p>Custom alignment: LH</p>	1	1 - totally disagree	2	2	3	3	4	4	5	5	6	6	7	7 - totally agree
1	1 - totally disagree																
2	2																
3	3																
4	4																
5	5																
6	6																
7	7 - totally agree																
29	<p>[pro_fb7]</p> <p>Show the field ONLY if: [event-name]='96_hour_followu p_arm_1'</p>	<p>7. On a scale of 1-7, how helpful was the individual pain plan in providing care to the patient with SCD?</p>	<p>radio</p> <table border="1" data-bbox="1044 819 1258 1081"> <tr><td>1</td><td>1 - not at all helpful</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7 - extremely helpful</td></tr> </table> <p>Custom alignment: LH</p>	1	1 - not at all helpful	2	2	3	3	4	4	5	5	6	6	7	7 - extremely helpful
1	1 - not at all helpful																
2	2																
3	3																
4	4																
5	5																
6	6																
7	7 - extremely helpful																
30	<p>[pro_fb8]</p> <p>Show the field ONLY if: [event-name]='96_hour_followu p_arm_1'</p>	<p>8. Assuming I have access to the system, I intend to use the individual pain plans</p>	<p>radio</p> <table border="1" data-bbox="1044 1176 1229 1360"> <tr><td>1</td><td>all the time</td></tr> <tr><td>2</td><td>most of the time</td></tr> <tr><td>3</td><td>half of the time</td></tr> <tr><td>4</td><td>some of the time</td></tr> <tr><td>5</td><td>never</td></tr> </table> <p>Custom alignment: LH</p>	1	all the time	2	most of the time	3	half of the time	4	some of the time	5	never				
1	all the time																
2	most of the time																
3	half of the time																
4	some of the time																
5	never																
31	<p>[provider_survey_complete]</p>	<p>Section Header: <i>Form Status</i> Complete?</p>	<p>dropdown</p> <table border="1" data-bbox="1044 1455 1180 1564"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																
1	Unverified																
2	Complete																
<p>Instrument: Provider Protocol Deviation Form (provider_protocol_deviation_form)</p>																	
32	<p>[s1f4q01]</p>	<p>Section Header: <i>This form is completed for any events performed outside the study guidelines outlined in the protocol. One protocol deviation form should be completed for each and every protocol deviation.</i> 1. Date of protocol deviation:</p>	<p>text (date_mdy), Required Field Annotation: @FUTUREDATE= { "warn_msg": "Can't be future date!" }</p>														

33	[s1f4q02]	2. Type of protocol deviation: <i>Choose one.</i>	dropdown, Required <table border="1"> <tr><td>1</td><td>Visit Missed</td></tr> <tr><td>2</td><td>Visit Out-of-Window</td></tr> <tr><td>3</td><td>Visit/Assessment Incomplete (includes form not being complete)</td></tr> <tr><td>4</td><td>Informed Consent</td></tr> <tr><td>5</td><td>Eligibility</td></tr> <tr><td>6</td><td>Study Procedure/Assessment</td></tr> <tr><td>7</td><td>Other</td></tr> </table>	1	Visit Missed	2	Visit Out-of-Window	3	Visit/Assessment Incomplete (includes form not being complete)	4	Informed Consent	5	Eligibility	6	Study Procedure/Assessment	7	Other
1	Visit Missed																
2	Visit Out-of-Window																
3	Visit/Assessment Incomplete (includes form not being complete)																
4	Informed Consent																
5	Eligibility																
6	Study Procedure/Assessment																
7	Other																
34	[s1f4q02a] Show the field ONLY if: [s1f4q02] =7	2a. If 'Other', please specify:	text, Required														
35	[s1f4q03]	3. Does the site's IRB require this deviation to be reported to them?	yesno, Required <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No										
1	Yes																
0	No																
36	[s1f4q04]	4. This provider has been removed from the study and their data will be deleted.	yesno, Required <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No										
1	Yes																
0	No																
37	[s1f4q05]	5. Circumstances of the protocol deviation (if deviation is incomplete or missed assessments/visits then state visit/assessment for which the deviation occurred):	notes														
38	[provider_protocol_deviation_form_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																
1	Unverified																
2	Complete																