Арр	Appendix 1. Survey Instrument							
# Variable / Field Name Field Label Field Note			Field Attributes (Field Type, Validation, Choices, Calculations, etc.)					
Inst	rument:SURVEY Data Collection	Form Opioid Med Post CS Study						
1	record_id	Record ID	text					
2	study_id	Study ID	text					
3	verbal_consent_given	Verbal Consent Given?	yesno					
		[Grab your reader's attention great quote from the docume use this space to emphasize a point. To place this text box anywhere on the page, just d	ent or key					
4	date_consent	Date of Consent: Please enter as: MM/DD/YYYY	text					
5	time_consent	Time of Consent: Please enter as: hh:mm am/pm	text					
6	pain_hosp_day_cs	1, During hospitalization, on day of CS?	radio (Matrix), Required 0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10					
7	pain_hosp_until_disch	2, During remainder of hospitalization (until discharge)?	radio (Matrix), Required 0 0 1 1 2 2 3 3 4 4 5 5					

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			6	6	
			7	7	
			8	8	
			9	9	
			10	10	
8	pain_imm_after_hosp_disch	3, Right after hospital	radio	(Mati	rix), Required
		discharge?		0	
			1	1	
			2	2	
			3	3	
			4	4	
			5	5	
			6	6	
				7	
			8	8	
				9	
			10	10	
9	pain_1st_week_disch	4 During the first week ofter	radio	(Mot	riv) Degruined
-			laulu	livial	rix), Required
-	pan_rst_week_alson	4, During the first week after discharge?		0	nx), Requirea
-		discharge?	0 1	0 1	nx), Required
		discharge?	0 1 2	0 1 2	nx), Required
		discharge?	0 1 2 3	0 1 2 3	nx), Required
		discharge?	0 1 2 3 4	0 1 2 3 4	nx), Required
		discharge?	0 1 2 3 4 5	0 1 2 3 4 5	nx), Required
		discharge?	0 1 2 3 4 5 6	0 1 2 3 4 5 6	nx), Required
		discharge?	0 1 2 3 4 5 6 7	0 1 2 3 4 5 6 7	nx), Required
		discharge?	0 1 2 3 4 5 6 7 8	0 1 2 3 4 5 6 7 8	nx), Required
		discharge?	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	nx), Required
			0 1 2 3 4 5 6 7 8 9 10	0 1 2 3 4 5 6 7 8 9 10	
10	pain_13C_week_disch		0 1 2 3 4 5 6 7 8 9 10 radio	0 1 2 3 4 5 6 7 8 8 9 10 (Matt	rix), Required
		5, During the second week after discharge (roughly now)?	0 1 2 3 4 5 6 7 8 9 10 radio 0	0 1 2 3 4 5 6 7 8 9 10 (Matti 0	
			0 1 2 3 4 5 6 7 8 9 10 radio 0 1	0 1 2 3 4 5 6 7 8 9 10 (Matt 0 1	
			0 1 2 3 4 5 6 7 8 9 10 radio 0 1 2	0 1 2 3 4 5 6 7 8 9 10 (Matt 0 1 2	
			0 1 2 3 4 5 6 7 8 9 10 radio 0 1 2 3	0 1 2 3 4 5 6 7 8 9 10 (Matt 0 1	

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			5	5			
			6	6			
			7	7			
			8	8]		
			9	9			
			10	10			
11	pain_at_rest	6, At rest, now?	radio	(Mat	rix), Required		
			0	0			
			1	1			
			2	2			
			3	3			
			4	4			
			5	5			
			6	6			
			7	7			
			8	8			
			9	9			
			10	10			
12	seek_addl_med_care_pain	Did you seek any additional	radio,	, Req	luired	1	
		medical care for your pain since you left the hospital?	1 1	Yes			
				No			
					know		
			4 F	Refuse	ed to answer		
13	yes_sought_addl_med_care Show the field ONLY if:	If yes: Check all that apply			Required		
	[seek_addl_med_care_pain] =				ought_addl_med_ca		Go back to your doctor (outpatient)
	'1'				ought_addl_med_ca		Re-admission to the hospital
					ought_addl_med_ca		Emergency clinics
					ought_addl_med_ca		Minute clinic
			5 у	/es_sc	ought_addl_med_ca	re5	Other
14	comment_addl_med_care_pain Show the field ONLY if: [seek_addl_med_care_pain] = '1'	If yes to additional medical care for pain, please comment:	notes				
15	other_addl_med_care Show the field ONLY if: [yes_sought_addl_med_care(5)] = '1'	If other: Please specify Note: May include acupuncture, massage, other medicine from friends/family, etc	notes				

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16	cs_planned_or_expec	Was your CS planned or unexpected?	radio, Required 1 Planned
			2 Unexpected
17	planned_cs_pain_expect	If planned: Do you think it's	radio
	Show the field ONLY if: [cs_planned_or_expec] = '1'	normal to experience some pain after CS?	1 None
	[cs_plained_or_expec] = 1		2 A little
			3 A moderate amount
			4 A lot
18	level_of_pain_expected	Overall, more or less pain than	radio, Required
	Show the field ONLY if: [cs_planned_or_expec] = '1'	expected for this CS?	1 More pain than expected
			2 Less pain than expected
			3 As much pain as expected
19	did_you_fill_an_rx	Did you fill a prescription for a	radio, Required
		pain medication after your CS? (e.g. oxycodone, percocet,	1 Yes
		hydrocodone, etc?)	2 No
			3 Don't know
			4 Refused to answer
20	why_rx_not_filled	Why didn't you fill the opioid	checkbox, Required
	Show the field ONLY if: [did_you_fill_an_rx] = '2'	prescription?	1 why_rx_not_filled1 Did not need/want
	[aid_you_iii_aii_ix] = 2		2 why_rx_not_filled2 Do not like how they make me feel
			3 why_rx_not_filled3 Bad side effects from previous experience
			4 why_rx_not_filled4 Forgot to fill it
			5 why_rx_not_filled5 Copay too expensive
			6 why_rx_not_filled6 Already had a bottle of leftover pills
			7 why_rx_not_filled7 Other
21	no_rx_fill_other Show the field ONLY if: [why_rx_not_filled(7)] = '1'	If other: Please specify	text
22	is_bottle_available	Do you have the bottle(s)	radio, Required
	Show the field ONLY if: [did_you_fill_an_rx] = '1' or	available, and can you get them?	1 Yes
	[why_rx_not_filled(6)] = '1' or [did_you_fill_an_rx] = '1' or		2 No
	$[why_rx_not_filled(6)] = '1'$		3 Don't know
			4 Refused to answer
23	call_back_na	Is there a good time to call you	radio
	Show the field ONLY if: [is_bottle_available] = '3' or	back when you'll have the bottle with you?	1 Yes
	[is_bottle_available] = '4' or		2 No
	Dataman DT. Calo NM		

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	[why_script_unavailable(1)] = '1' or [why_script_unavailable(5)] = '1' or [why_script_unavailable(4)] = '1'		3 Not applicable				
24	label_rx_type Show the field ONLY if: [is_bottle_available] = '1' or [why_rx_not_filled(6)] = '1'	Can you please read off the label, and state what type of opioid pain medication you have?	checkbox, Required 1 label_rx_type1 2 label_rx_type2 3 label_rx_type3 4 label_rx_type4 5 label_rx_type5				
25	specify_other_painmed Show the field ONLY if: [label_rx_type(5)] = '1'	If other: Please specify	text, Required				
26	opioid_rx_strength Show the field ONLY if: [is_bottle_available] = '1' or [why_rx_not_filled(6)] = '1'	Can you please read off the label, and state the strength of the opioid pain medication(s) you have (in mg)?	text, Required				
27	opioid_tabs_dispensed Show the field ONLY if: [is_bottle_available] = '1' or [why_rx_not_filled(6)] = '1'	Can you please read off the label, and state how many tablets were dispensed?	text (integer, Min: 0, Max: 100), Required				
28	leftover_rx_initial_qty Show the field ONLY if: [why_rx_not_filled(6)] = '1'	For this leftover script, can you tell me how many leftover pills you started with?	text				
29	leftover_opioid_count Show the field ONLY if: [is_bottle_available] = '1' or [why_rx_not_filled(6)] = '1'	Can you count how many opioid pain medications you have left?	text (integer), Required				
30	throw_out_opioids Show the field ONLY if: [is_bottle_available] = '1' or [call_back_na] = '1' or [why_rx_not_filled(6)] = '1'	Did you throw out any pills?	radio, Required 1 Yes 2 No 3 Don't know 4 Refused to answer				
31	number_opiods_disposed Show the field ONLY if: [throw_out_opioids] = '1'	How many pills did you throw out (can estimate)?	text				
32	still_taking_opioids Show the field ONLY if: [did_you_fill_an_rx] = '1' or [call_back_na] = '2' or [why_rx_not_filled(6)] = '1'	Are you still taking your opioid medications?	radio, Required 1 Yes 2 No 3 Don't know 4 Refused to answer				
33	on_opioids_call_back Show the field ONLY if:	If yes, call back to complete/resume shortened	notes				
4	Deteman DT Cale NIM	Maada A Burne CM Haula TT Humbra	abta KE at al. Dattorns of opicid proscription and use after				

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	[still_taking_opioids] = '1' or [plan_to_refill_opioids] = '1' or [call_back_na] = '1'	survey, and continue to call back until patient is done taking script(s). Can take notes here, if any:					
34	why_script_unavailable	Why don't you have your bottle	checkbox, Required				
	Show the field ONLY if: [is_bottle_available] = '2' or	available?	1 why_script_unavailable1 Bottle is not with me right now				
	[is_bottle_available] = '3' or		2 why_script_unavailable2 Disposed of script				
	[is_bottle_available] = '4'		3 why_script_unavailable3 Finished the script				
			4 why_script_unavailable4 Refused to answer				
			5 why_script_unavailable5 Other				
35	other_unavailable Show the field ONLY if: [why_script_unavailable(5)] = '1'	If other: Please specify	text				
36	unavailable_script_type	Can you remember the type	checkbox				
	Show the field ONLY if: [why_script_unavailable(2)] = '1'	(name) of the opioid prescribed?	1 unavailable_script_type1 Hydrocodone				
	or [why_script_unavailable(3)] = '1' or		2 unavailable_script_type2 Oxycodone				
	[why_script_unavailable(4)] = '1'		3 unavailable_script_type3 Percocet				
	or [why_script_unavailable(5)] = '1' or [plan_to_refill_opioids] = '2' or [plan_to_refill_opioids] = '3' or [plan_to_refill_opioids] = '4' or [call_back_na] = '2' or [why_script_unavailable(1)] = '1'		4 unavailable_script_type4 Hydromorphone				
			5 unavailable_script_type5 Other				
			6 unavailable_script_type6 Don't know				
	and [why_rx_not_filled(6)] = '0'						
37	if_other_med_memory Show the field ONLY if: [unavailable_script_type(5)] = '1'	If other: Please specify	text				
38	na_opioid_strength Show the field ONLY if: [why_script_unavailable(2)] = '1' or [why_script_unavailable(3)] = '1' or [why_script_unavailable(4)] = '1' or [why_script_unavailable(5)] = '1' or [plan_to_refill_opioids] = '2' or [plan_to_refill_opioids] = '3' or [plan_to_refill_opioids] = '4' or [call_back_na] = '2' or [why_script_unavailable(1)] = '1'	Can you remember the strength of the opioid prescription (in mg)? Write "NA" if patient doesn't remember	text				
39	na_tablet_number Show the field ONLY if: [why_script_unavailable(2)] = '1' or [why_script_unavailable(3)] = '1' or [why_script_unavailable(4)] = '1' or [why_script_unavailable(5)] = '1' or [plan_to_refill_opioids] = '2' or [plan_to_refill_opioids] = '3' or [plan_to_refill_opioids] = '4' or	Can you remember how many tablets were dispensed for your opioid prescription? Write "NA" if patient doesn't remember	text				

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			.,				
	[call_back_na] = '2' or [why_script_unavailable(1)] = '1'						
40	pills_taken_diposed Show the field ONLY if: [why_script_unavailable(2)] = '1' or [why_script_unavailable(1)] = '1' or [why_script_unavailable(5)] = '1' or [why_script_unavailable(4)] = '1' or [why_script_unavailable(1)] = '1' or [call_back_na] = '2'	Can you estimate the number of pills you have/had leftover? Write "NA" if patient doesn't remember	text				
41	number_pills_disposed Show the field ONLY if: [why_script_unavailable(2)] = '1'	Can you estimate the number of pills you threw out? Write "NA" if patient doesn't remember	text				
42	how_pills_disposed	How did you dispose of your	che	ckbox			
	Show the field ONLY if: [why_script_unavailable(2)] = '1'	pills?	1	how_pills_disposed1	Flu	sh down toilet	
			2	how_pills_disposed2	Thr	row out in trash	
			3	how_pills_disposed3	Stas	sh somewhere	
			4	how_pills_disposed4	Brii	ng to pill drop-off center	
			5	how_pills_disposed5	sposed5 Lost track		
			6			n't remember/know	
			7	how_pills_disposed7	Ref	used to answer	
			8	how_pills_disposed8	Oth	er	
43	any_refills_opioids	Did you get any refills for these	radi	o, Required			
		opioid pain medications (and list names: oxycodone, percocet,	1	Yes			
		hydrocodone, etc)?	2	No			
			3	Don't know			
			4	Not applicable			
			5	Refused to answer			
44	which_opioids_refilled	If yes: Which ones?	che	ckbox			
	Show the field ONLY if: [any_refills_opioids] = '1'		1	which_opioids_refilled1		Hydrocodone	
	[2	which_opioids_refilled2		Oxycodone	
			3	which_opioids_refilled3		Percocet	
			4	which_opioids_refilled4	_	Hydromorphone	
			5	which_opioids_refilled5		Other	
45	plan_to_refill_opioids	Do you plan to refill this opioid	radi	0			
	Show the field ONLY if: [why_script_unavailable(3)] = '1'	prescription?	1	Yes			
			2	No			
	<u> </u>	L	1				

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			3 Don't know			
			4 Refused to answer			
46	bottle_na_call_back_info Show the field ONLY if: [call_back_na] = '1'	If calling back, list information here about call back times, time lapsed, etc. for resuming the survey:	notes			
47	when_stopped_meds Show the field ONLY if: [still_taking_opioids] = '2'	How many days after discharge did you stop taking these medications? Write "NA" if patient never took opioid medications	text, Required			
48	opioid_refill_other Show the field ONLY if: [which_opioids_refilled(5)] = '1'	If other: Please specify	text			
49	rate_opioid_quantity	Given your experience, did you	radio, Required			
		think the supply of the opioid initial prescription was	1 Too little			
			2 Too much			
			3 Just right			
			4 Not applicable			
50	how_often_take_opioids	While on each medication, on	radio, Required			
		average how often did you take them per day?	1 Once a day			
			2 2-3 times a day			
			3 4-6 times a day			
			4 >6 times a day			
			5 Not applicable			
51	opioids_change_frequency	Did this frequency change over time (estimate by day)? Write "NA" if patient never took opioid meds	notes			
52	rate_pain_relief	Did you get adequate pain relief,				
		on a scale of:	1 Very satisfied			
			2 Satisfied			
			3 Slightly satisfied			
			4 Slightly dissatisfied			
			5 Dissatisfied			
			6 Very dissatisfied			
			7 Not applicable			
53	any_med_side_effects	Did you have any side effects	radio, Required			
		from the pain medications?	1 Yes			

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			2	No				
			3	Don't know				
			4	Not applicable				
			5	Refused to answer				
54	list_side_effects	If yes: Please check all that	che	ckbox, Required				
	Show the field ONLY if: [any_med_side_effects] = '1'	apply	1	list_side_effects1	Ι	Drowsiness	S	
			2	list_side_effects2	Ν	Nausea/Vo	omiting	
			3	list_side_effects3	A	Abdominal	discomfort	
			4	list_side_effects4	0	Constipatio	on	
			5	list_side_effects5	Ι	Dizziness		
			6	list_side_effects6	C	Confusion		
			7	list_side_effects7	Ι	nsomnia/S	Sleeping issues	
			8	list_side_effects8	Ι	tching		
			9	list_side_effects9	Ι	Difficult ur	rination	
			10	list_side_effects10	Ν	Mood swin	ıgs	
			11	list_side_effects11	0	Other		
55	other_side_effect Show the field ONLY if: [list_side_effects(11)] = '1'	If other: Please specify	note	25				
56	taken_meds_before	Had you ever taken any of these	radi	o, Required				
		opioid medications before your cesarean section?	1	Yes				
			2	No				
			3	Don't know				
			4	Not applicable				
			5	Refused to answer				
			6	Doesn't remember				
57	what_opioids_taken_before	If yes: What have you taken?	che	ckbox				
	Show the field ONLY if: [taken_meds_before] = '1'		1	what_opioids_taken_befor	re1		Hydrocodone	
			2	what_opioids_taken_befor	re2		Oxycodone	
			3	what_opioids_taken_befor	re3		Percocet	
			4	what_opioids_taken_befor	re4		Hydromorphone	
			5	what_opioids_taken_befor	re5		Other	
			6	what_opioids_taken_befor	re6		Doesn't remember	
58	if_other_meds_before Show the field ONLY if: [what_opioids_taken_before(5)] = '1'	If other: Please specify	text					
			1				C .	

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		1					
59	reasons_why_taken_before	If yes: For what reasons did you	che	ckbox			
	Show the field ONLY if: [taken_meds_before] = '1'	take these pain medications previously?	1	reasons_why_taken_before	e1	Previous surgery	
			2	reasons_why_taken_before	e2	History of chronic	pain
			3	reasons_why_taken_before	e3	Previous injury/tra	iuma
			4	reasons_why_taken_before	e4	Other	
			5	reasons_why_taken_before	e5	Doesn't remember	
60	other_reason_taken_before Show the field ONLY if: [reasons_why_taken_before(4)] = '1'	If other: Please specify	text				
61	how_often_take_before Show the field ONLY if: [taken_meds_before] = '1'	If yes: For how often (estimated per day)? Please do not included units. If patient does not remember, please put "does not remember"	text				
62	how_long_taken_before Show the field ONLY if: [taken_meds_before] = '1'	If yes: For how long (estimated by day)? Please do not included units. If patient does not remember, please put "does not remember"	text				
63	other_meds_taken	Did you take any other medications for your pain related to CS after the surgery?	radi	0			
			1	Yes			
			2	No			
			3	Don't know			
			4	Not applicable			
			5	Refused to answer			
64	list_other_meds	If yes: Check all that apply	che	ckbox, Required			
	Show the field ONLY if: [other_meds_taken] = '1'		1	list_other_meds1	Tylenol		
			2	list_other_meds2	Ibuprofen/Mo	otrin/Advil	
			3	list_other_meds3	Naproxen/Ale	eve	
			4	list_other_meds4	Other		
65	if_other_specify_other_meds Show the field ONLY if: [list_other_meds(4)] = '1'	If other: Please specify	text				
66	participate_study_one	Can you tell us if you would	radi				
		have been willing to participate if the following study were	1	Yes			
		underway at the time you delivered?	2	No			
		Study 1: A "randomized trial" in	3	Don't know			
		which we will assign you by equal chance (like a coin toss) to	4	Refused to answer			
	c	one of two study groups: The group discharged on either the					
	Dataman DT. Cala NIM	Mada A Burns SM Houle TT Huwbro	-	(F at al. Dattaura of aniaid.			

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		-				
		standard amount of pain medication or the group discharged with a more limited supply, but with the option to refill?				
67	no_study_one_why Show the field ONLY if: [participate_study_one] = '2' or [participate_study_one] = '3' or [participate_study_one] = '4'	If no: Why not? Suggested standardized language for some common reasons: "inconvenience", "needed opioids", "fear of breakthrough pain", "doesn't participate in research studies", "doesn't use opioids"	notes			
68	participate_study_two	Can you tell us if you would	radio			
		have been willing to participate if the following study were	1 Yes			
		underway at the time you delivered?	2 No			
		Study 2: A "randomized trial" in which we will assign you by equal chance (like a coin toss) to one of two study groups: The group discharged on either the standard amount of pain medication or the group with no opioid medication (but with instructions to use either tylenol and/or ibuprofen for pain)?	3 Don't know 4 Refused to answer			
			4 Refused to answer			
69	no_study_two_why Show the field ONLY if: [participate_study_two] = '2' or [participate_study_two] = '3' or [participate_study_two] = '4'	If no, why not? Suggested standardized language for some common reasons: "inconvenience", "needed opioids", "fear of breakthrough pain", "doesn't participate in research studies", "doesn't use opioids"	notes			
70	other_survey_comments	Other comments? If no other patient comments, please write "none"	notes			
71	survey_data_collection_form_op	Complete?	dropdown			
	ioid_med_post_cs_stu_complet e		0 Incomplete			
			1 Unverified			
			2 Complete			
Inch	and the second					

Instrument: Followup Survey Data Collection Form Opioid Med Po

72	fu_record_id	Record ID	text
73	fu_study_id	Study ID * use same study ID assigned from previous week(s)	text
74	fu_consent_given	Verbal consent given?	radio

Bateman BT, Cole NM, Maeda A, Burns SM, Houle TT, Huybrechts KF, et al. Patterns of opioid prescription and use after cesarean delivery. Obstet Gynecol 2017; 130.

The authors provided this information as a supplement to their article.

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		Check "N/A" if your institution did written consent	1 Yes 2 No 3 N/A
75	fu_date_consent	Date of Consent: Please enter as: MM/DD/YYYY	text
76	fu_time_consent	Time of Consent: Please enter as: hh:mm am/pm	text
77	pain_3rd_week_disch	During the third week after discharge?	radio (Matrix) 0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 11 Not applicable 12 Missing
78	pain_4th_week_disch	During the fourth week after discharge?	radio (Matrix) 0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 11 Not applicable 12 Missing

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79	pain_5th_week_disch	During the fifth week after		(Matrix)	1	
		discharge?	0	0		
			1	1	4	
			2	2		
			3	3		
			4	4		
			5	5		
			6	6		
			7	7		
			8	8		
			9	9		
			10	10		
			11	Not applicable		
			12	Missing		
80	 pain_6th_week_disch	During the sixth week after	radio	(Matrix)	J	
00		discharge?	0	0		
			1	1		
			2	2		
			3	3		
			4	4		
			5	5		
			6	6		
			7	7		
			8	8		
			9	9		
			10	10	-	
			10	Not applicable	-	
					-	
			12	Missing]	
81	fu_seek_addl_med_care	Did you seek any additional medical care for your pain since	radio			
		you left the hospital?		Yes		
				No		
				Don't know		
			4	Did not answer		
82	fu_y_sought_addl_med_care	If yes: Check all that apply	chec	kbox		
	Show the field ONLY if: [fu_seek_addl_med_care] = '1'		1 1	fu_y_sought_addl_me	d_care1	Go back to your doctor

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						(outpatient)
			2	fu_y_sought_addl_med_care2		Re-admission to the hospital
			3	fu_y_sought_addl_med_care3		Emergency clinics
			4	fu_y_sought_addl_med_care4		Minute clinic
			5	fu_y_sought_addl_med_care5		Other
83	fu_comm_addl_med_care_pain Show the field ONLY if: [fu_seek_addl_med_care] = '1'	If yes to additional medical care for pain, please comment further	note	25		
84	fu_other_addl_med_care Show the field ONLY if: [fu_y_sought_addl_med_care(5)] = '1'	If other: Please specify Note: May include acupuncture, massage, other medicine from friends/family, etc.	note	es		
85	fu_bottle_avail	Do you have your opioid (pain) medicine prescription bottle available, to read off the script label?	radi 1 2 3 4	o Yes No Don't know Did not answer		
86	fu_why_rx_unavailable Show the field ONLY if: [fu_bottle_avail] = '2' or [fu_bottle_avail] = '3' or [fu_bottle_avail] = '4'	Why don't you have your bottle available?	che 1 2 3 4 5	ckbox fu_why_rx_unavailable1 fu_why_rx_unavailable2 fu_why_rx_unavailable3 fu_why_rx_unavailable4 fu_why_rx_unavailable5	Dispo Finisł	e is not with me right now osed of script ned the script ed to answer
87	fu_rx_other_unavailable Show the field ONLY if: [fu_why_rx_unavailable(5)] = '1'	If other: Please specify	note	25		
88	fu_call_back_na Show the field ONLY if: [fu_bottle_avail] = '2' or [fu_bottle_avail] = '3' or [fu_bottle_avail] = '4' or [fu_why_rx_unavailable(1)] = '1' or [fu_why_rx_unavailable(5)] = '1' or [fu_why_rx_unavailable(4)] = '1'	Is there a good time to call you back when you'll have the bottle with you? If yes: Call back and pick up survey where left off; otherwise comment on why not	radi 1 2 3 4	0 Yes No Don't know Didn't answer		
89	fu_why_no_callback Show the field ONLY if: [fu_call_back_na] = '2' or [fu_call_back_na] = '3' or [fu_call_back_na] = '4'	If calling back is not an option: List comments on why, if applicable	note	es		
90	fu_label_rx_type Show the field ONLY if: [fu_bottle_avail] = '1'	Can you read off the label, and state what type of opioid pain medication you have?	che 1	ckbox fu_label_rx_type1 Hydrod	codone	

The authors provided this information as a supplement to their article.

ļ		1							
			2	fu_label_rx_type2	Oxycod	one			
			3	fu_label_rx_type3	Percoce	t			
			4	fu_label_rx_type4	Hydrom	orphone			
			5	fu_label_rx_type5	Other				
91	fu_specify_other_painmed Show the field ONLY if: [fu_label_rx_type(5)] = '1'	If other: Please specify	note	es					
92	fu_opioid_rx_strength Show the field ONLY if: [fu_bottle_avail] = '1'	Can you read off the label, and state the strength of the opioid medication(s) you have (in mg?)	text						
93	fu_opioid_tabs_dispensed Show the field ONLY if: [fu_bottle_avail] = '1'	Can you read off the label, and state how many tablets were dispensed?	text						
94	fu_leftover_pills Show the field ONLY if: [fu_bottle_avail] = '1'	How many pills do you have leftover (counted)?	text						
95	fu_unavailable_rx_type	Can you remember the type	che	ckbox					
	Show the field ONLY if: [fu_why_rx_unavailable(2)] = '1'	(name) of the opioid prescribed?	1	fu_unavailable_rx_type1		Hydrocodone			
	or [fu_why_rx_unavailable(3)] = '1' or [fu_why_rx_unavailable(4)] = '1' or [fu_why_rx_unavailable(5)] = '1' or [fu_why_rx_unavailable(1)] = '1' or [fu_bottle_avail] = '2' or [fu_bottle_avail] = '3' or		2	fu_unavailable_rx_type2		Oxycodone			
			3	fu_unavailable_rx_type3		Percocet			
			4	fu_unavailable_rx_type4		Hydromorphon	.e		
			5	fu_unavailable_rx_type5		Other			
	[fu_bottle_avail] = '4'		6	fu_unavailable_rx_type6		Don't know			
96	fu_other_rx_type_memory Show the field ONLY if: [fu_unavailable_rx_type(5)] = '1'	If other: Please specify	note	es					
97	fu_na_opioid_strength Show the field ONLY if: [fu_bottle_avail] = '2' or [fu_bottle_avail] = '3' or [fu_bottle_avail] = '4' or [fu_why_rx_unavailable(1)] = '1' or [fu_why_rx_unavailable(2)] = '1' or [fu_why_rx_unavailable(3)] = '1' or [fu_why_rx_unavailable(4)] = '1' or [fu_why_rx_unavailable(5)] = '1' and [fu_call_back_na] = '2'	Can you remember the strength of the opioid prescription (in mg)? Write "NA" if patient doesn't remember and try to determine in EMR	text						
98	fu_na_tablet_number Show the field ONLY if: [fu_bottle_avail] = '2' or [fu_bottle_avail] = '3' or [fu_bottle_avail] = '4' or [fu_why_rx_unavailable(1)] = '1' or [fu_why_rx_unavailable(2)] = '1' or [fu_why_rx_unavailable(3)]	Can you remember/estimate how many pills were dispensed for your opioid prescription? Write "NA" if patient doesn't remember and try to determine in EMR	text						
	Determent DT. Cale NIM	Meede A. Duwee CNA Heude TT Huwkeys	ا مدام	ZE shall Bashanna af antatal ana a		and the after			

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	= '1' or [fu_why_rx_unavailable(4)] = '1' or [fu_why_rx_unavailable(5)] = '1' and [fu_call_back_na] = '2'			
99	fu_pills_leftover_memory Show the field ONLY if: [fu_why_rx_unavailable(2)] = '1' or [fu_why_rx_unavailable(1)] = '1' or [fu_why_rx_unavailable(4)] = '1' or [fu_why_rx_unavailable(5)] = '1' or [fu_why_rx_unavailable(3)] = '1' or [fu_bottle_avail] = '2' or [fu_bottle_avail] = '3' or [fu_bottle_avail] = '4' and [fu_call_back_na] = '2'	Can you estimate the number of pills you have/had leftover? Write "NA" if patient doesn't remember	text	
100	fu_throw_out_opioids Show the field ONLY if: [fu_why_rx_unavailable(1)] = '1' and [fu_why_rx_unavailable(3)] = '1' and [fu_why_rx_unavailable(4)] = '1' and [fu_why_rx_unavailable(5)] = '1'	Did you throw out any pills?	radio 1 Yes 2 No 3 Don't know 4 Did not answer	
101	fu_number_opioids_diposed Show the field ONLY if: [fu_throw_out_opioids] = '1' or [fu_why_rx_unavailable(2)] = '1'	Please estimate how many pills were thrown out	text	
102	fu_how_pills_disposed Show the field ONLY if: [fu_throw_out_opioids] = '1' or [fu_why_rx_unavailable(2)] = '1'	How did you dispose of your pills/	2 fu_how_pills_disposed2 7 3 fu_how_pills_disposed3 5 4 fu_how_pills_disposed4 1 5 fu_how_pills_disposed5 1 6 fu_how_pills_disposed6 1 7 fu_how_pills_disposed7 1	Flush down toilet Fhrow out in trash Stash somewhere Bring to pill drop-off center Lost track Don't remember/know Refused to answer Dther
103	fu_any_refills_opioids	Did you get any refills for these opioid pain medications (and list names: oxycodone, percocet, hydrocodone, etc.)?	radio 1 Yes 2 No 3 Don't know 4 Did not answer	
104	fu_which_opioids_refilled Show the field ONLY if: [fu_any_refills_opioids] = '1'	If yes to refill: Which ones?	checkbox 1 fu_which_opioids_refilled1 2 fu_which_opioids_refilled2	Hydrocodone Oxycodone

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		1					
			3	fu_which_opioids_refilled_	3	Percocet	
			4	fu_which_opioids_refilled_	4	Hydromorphone	
			5	fu_which_opioids_refilled_	_5	Other	
105	fu_opioid_refill_other Show the field ONLY if: [fu_which_opioids_refilled(5)] = '1'	If other: Please specify	note	S			
106	fu_plan_to_refill_opioids	Do you plan to refill this opioid	radi				
		prescription?	1	Yes			
				No			
				Don't know			
			4	Did not answer			
107	fu_when_stopped_meds	How many days after discharge did you stop taking these medications?	text				
108	fu_rate_opioid_quantity	Given your experience, did you think the supply of your initial opioid prescription was	radi				
			1 Too little				
			2 Too much				
				Just right			
			4	Not applicable			
109	fu_how_often_take_opioids	While on each medication, on average how often did you take them per day?	radi				
			1	Once a day			
				2-3 times a day			
				4-6 times per day			
				>6 times per day			
			5	NA			
110	fu_opioids_change_freq	Did this frequency change over time (estimate by day?)	note	S			
111	fu_rate_pain_relief	Did you get adequate pain relief, on a scale of:	drop	odown			
		on a scale or:	1	Very satisfied			
				Satisfied			
				Slightly satisfied			
				Slightly dissatisfied			
				Dissatisfied			
			6	Very dissatisfied			
				Not applicable			
112	fu_any_med_side_effects	Did you have any side effects	radi	0			

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		from the pain medications?	1	Yes	
			2	No	
			3	Don't know	
			4	Not applicable	
			5	Refused to answer	
113	fu_list_side_effects	If yes: Please specify side	chec	kbox	
110	Show the field ONLY if:	effects	1	fu_list_side_effects1	Drowsiness
	[fu_any_med_side_effects] = '1'		2	fu_list_side_effects2	Nausea/Vomiting
			3	fu_list_side_effects3	Abdominal discomfort
			4	fu_list_side_effects4	Constipation
			5	fu_list_side_effects5	Dizziness
			6	fu_list_side_effects6	Confusion
			7	fu_list_side_effects7	Insomnia/sleeping issues
			8	fu_list_side_effects8	Itchiness
			9	fu_list_side_effects9	Difficult urination
			10	fu_list_side_effects10	Mood swings
			11	fu_list_side_effects11	Other
114	fu_other_side_effect Show the field ONLY if: [fu_list_side_effects(11)] = '1'	If other: Please specify	notes	S	
115	fu_taken_meds_before	Had you ever taken any types of	radio)	
		these opioid medications before your cesarean section?	1	Yes	
			2	No	
			3	Don't know/doesn't remember	
			4	Not applicable	
			5	Did not answer	
116	fu_what_opioids_before	If yes: What opioid medications	ahaa	kbox	
	Show the field ONLY if: have you taken before?		cnec	ADUX	
	Show the field ONLY if:			fu_what_opioids_before1	Hydrocodone
			1		Hydrocodone Oxycodone
	Show the field ONLY if:		1	fu_what_opioids_before1	
	Show the field ONLY if:		1 2 3	fu_what_opioids_before1 fu_what_opioids_before2	Oxycodone
	Show the field ONLY if:		1 2 3 4	fu_what_opioids_before1 fu_what_opioids_before2 fu_what_opioids_before3	Oxycodone Percocet
	Show the field ONLY if:		1 2 3 4 5	fu_what_opioids_before1 fu_what_opioids_before2 fu_what_opioids_before3 fu_what_opioids_before4	Oxycodone Percocet Hydromorphone
117	Show the field ONLY if:		1 2 3 4 5	fu_what_opioids_before1 fu_what_opioids_before2 fu_what_opioids_before3 fu_what_opioids_before4 fu_what_opioids_before5 fu_what_opioids_before6	Oxycodone Percocet Hydromorphone Other

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118	fu_reasons_taken_before	If yes: For what reasons did you	checkbox
	Show the field ONLY if: [fu_taken_meds_before] = '1'	take these opioid pain medications previously?	1 fu_reasons_taken_before1 Previous surgery
	[2 fu_reasons_taken_before2 History of chronic pain
			3 fu_reasons_taken_before3 Previous injury/trauma
			4 fu_reasons_taken_before4 Other
			5 fu_reasons_taken_before5 Doesn't know/remember
119	fu_other_reasons_before Show the field ONLY if: [fu_reasons_taken_before(4)] = '1'	If other: Please specify	notes
120	fu_how_often_before Show the field ONLY if: [fu_taken_meds_before] = '1'	If yes: For how long (estimated per day)?	notes
121	fu_how_long_before Show the field ONLY if: [fu_taken_meds_before] = '1'	If yes: For how long (estimated by day)?	notes
122	fu_other_meds_taken	Did you take any other	radio
		medications for your pain related to CS after the surgery?	1 Yes
			2 No
			3 Don't know
			4 Not applicable
			5 Did not answer
123		If yes: Check all other	checkbox
	Show the field ONLY if: [fu_other_meds_taken] = '1'	medications taken that apply	1 fu_list_other_meds1 Tylenol
	[iu_uuuu_iiiuuuu]		2 fu_list_other_meds2 Ibuprofen/Motrin/Advil
			3 fu_list_other_meds3 Naproxen/Aleve
			4 fu_list_other_meds4 Other
124	fu_list_other_med Show the field ONLY if: [fu_list_other_meds(4)] = '1'	If other: Please specify	notes
125	fu_participate_study_one	Can you tell us if you would	radio
		have been willing to participate if the following study were	1 Yes
		underway at the time you delivered?	2 No
		Study 1: A "randomized trial" in	3 Don't know
		which we will assign you by equal chance (like a coin toss) to	4 Did not answer
		one of two study groups: The group discharged on the standard amount of pain medication or the group discharged with a more limited supply, but with the option to	
	Pataman PT Colo NM	Manda A Burns SM Houle TT Huwbro	chts KE et al. Patterns of onioid prescription and use after

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		refill?			
126	fu_no_study_one_why Show the field ONLY if: [fu_participate_study_two] = '2' or [fu_participate_study_two] = '3' or [fu_participate_study_two] = '4'	If no: Why not? Suggested standardized language for some common reasons: "inconvenience", "needed opioids", "fear of breakthrough pain", "doesn't participate in research studies", "doesn't use opioids"	notes	5	
127	fu_participate_study_two	Can you tell us if you would	radio)	
		have been willing to participate if the following study were	1	Yes	
		underway at the time you	2	No	
		delivered? Study 2: A "randomized trial" in	3	Don't know	
		which we will assign you by equal chance (like a coin toss) to one of two study groups: The group discharged on the standard amount of pain medication or the group discharged with no opioid medication (but with instructions to use either tylenol and/or ibuprofen for pain?)	4	Did not answer	
128	fu_no_study_two_why Show the field ONLY if: [fu_participate_study_two] = '2' and [fu_participate_study_two] = '3' and [fu_participate_study_two] = '4'	If not: Why not? Suggested standardized language for some common reasons: "inconvenience", "needed opioids", "fear of breakthrough pain", "doesn't participate in research studies", "doesn't use opioids"	notes	5	
129	fu_other_comments_study_1	Other comments?	notes	S	
130	followup_survey_data_collection _form_opioid_med_po_complet e	Complete?	0	down Incomplete Unverified Complete	

Instrument: MEDICAL RECORD Data Collection Form Opioid Med Post CS Study

131	patient_id	Study ID	text, Required, Identifier
132	los_admiss_dc	Length of Hospital Stay: Admission date to procedure date (days)	text
133	los_proced_dc	Length of Hospital Stay: Procedure date to discharge date (days)	text
134	days_hospitalization	Total Length of Hospital Stay: Admission date to discharge to home date (days)	text, Required

Bateman BT, Cole NM, Maeda A, Burns SM, Houle TT, Huybrechts KF, et al. Patterns of opioid prescription and use after cesarean delivery. Obstet Gynecol 2017; 130.

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135	age_in_years	Age (years)	text, Required, Identifier
136	Note	Race-Ethnicity Note: Please check all that	checkbox, Required
		apply. 1. Caucasian: A person	1 race_ethnicity1 White-Caucasian (non-Hispanic)
		having origins in any of the original peoples of Europe, the	2 race_ethnicity2 Black/African American (non-Hispanic)
		Middle East, or North Africa. 2.	3 race_ethnicity3 Hispanic (any race)
		African American: A person having origins in any of the	4 race_ethnicity4 Asian/Pacific Islander (non-Hispanic)
		Black racial groups of Africa. 3.	5 race_ethnicity5 Other
		Hispanic: A person of Cuban, Mexican, Puerto Rican, South or Central American, or other	6 race_ethnicity6 Unknown
	Mexican, Pu Central Ame Spanish cult regardless of person havii the original µ East, Southe Indian subco for example, India, Japan Pakistan, the Thailand, an Individuals fi Islands have Pacific Islan data collecti American In Native: A pe in any of the North, Centr America, an tribal affiliati attachment. or Other Pao person havii the original µ	Spanish culture or origin, regardless of race. 4. Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. (Note: Individuals from the Philippine Islands have been recorded as Pacific Islanders in previous data collection strategies.) 5. American Indian or Alaska Native: A person having origins in any of the original peoples of North, Central, or South America, and who maintains tribal affiliations or community attachment. 6. Native Hawaiian or Other Pacific Islander: A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.	
137	specify_other_race Show the field ONLY if: [race_ethnicity(5)] = '1'	Specify "Other":	text
138	insurance_coverage	Insurance Coverage	radio, Required
		Note: "Medicaid" prefers to any public health insurance If the	1 Medicaid (commercial or not)
		plan is public insurance, then please check Medicaid. Some	2 Commercial/Private
		please check Medicaid. Some medicaid products may be	3 Unknown
		commercial	4 Other
			5 None
139	other_insurance Show the field ONLY if: [insurance_coverage] = '4'	If other insurance, please specify:	text

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140	pt_hx_opioid_abuse	Patient History of Chronic Opioid	radio						
		Use/Abuse	1	Yes					
			2	No					
			3	Unknown/NA					
141	chronic_opioid_specified Show the field ONLY if: [pt_hx_opioid_abuse] = '1' or [pt_hx_opioid_abuse] = '3'	Specify type/details of opioid use/abuse	note	s					
142	when_opioid_abuse	If yes: When?	cheo	ckbox					
	Show the field ONLY if: [pt_hx_opioid_abuse] = '1' or		1	when_opioid_abuse_	1	Before Pregnancy			
	[pt_hx_opioid_abuse] = '3'		2	when_opioid_abuse_	2	During Pregnancy			
			3	when_opioid_abuse_	3	Unknown/NA			
143	pt_hx_smoking	Patient History of Other Substance Abuse: Smoking?	1 2	o, Required Yes No Unknown/NA					
144	smoking_timing If Show the field ONLY if: [pt_hx_smoking] = '1'	If yes: When?	cheo	ckbox					
			1	smoking_timing1	I E	Before Pregnancy			
			2	smoking_timing2	2 I	During Pregnancy			
			3	smoking_timing3	3 U	Jnknown/NA			
145	smoking_hist_comments	Comments about smoking history: Please write "NA" if never smoked	note	S					
146	pt_hx_alcohol	Patient History of Other Substance Abuse: Alcohol Abuse?	1	o, Required Yes No Unknown/NA					
147	alcohol_timing	If yes: When?	cheo	ckbox					
	Show the field ONLY if: [pt_hx_alcohol] = '1'		1	alcohol_timing1	Be	efore pregnancy			
	fi		2	alcohol_timing2	Du	uring pregnancy			
			3	alcohol_timing3	Ur	nknown/NA			
148	etoh_use_comments	Comments about alcohol use/abuse history: Please write "NA" if no significant drinking history	note	s					
149	pt_hx_sa_other	Patient History of Other Substance Abuse: Non-Opioid Substance Abuse?	radio 1	o, Required Yes					

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,			
			2 No
			3 Unknown/NA
150	pt_hx_sa_type	If yes: What substances?	checkbox
	Show the field ONLY if: [pt_hx_sa_other] = '1'		1 pt_hx_sa_type1 Marijuana
			2 pt_hx_sa_type2 Cocaine
			3 pt_hx_sa_type3 Other
			4 pt_hx_sa_type4 Missing/Unavailable
151	pt_hx_sa_other_type Show the field ONLY if: [pt_hx_sa_type(3)] = '1'	If other: Specify	notes, Required
152		If yes: When?	checkbox
	Show the field ONLY if: [pt_hx_sa_other] = '1'		1 other_sa_timing1 Before pregnancy
			2 other_sa_timing2 During pregnancy
			3 other_sa_timing3 Unknown/NA
153	comments_sa_hx	Comments on substance abuse history: Please write "NA" if no other substance abuse history	notes
154	pt_med_hx	Patient Medication History	yesno, Required 1 Yes 0 No
155		Which medications?	checkbox
	Show the field ONLY if: [pt_med_hx] = '1'	Note: Please check all that apply	1 pt_meds_hx_list1 SSRIs
			2 pt_meds_hx_list2 SNRIs
			3 pt_meds_hx_list3 Other antidepressants
			4 pt_meds_hx_list4 Benzodiazepines
			5 pt_meds_hx_list5 Bipolar medications (anticonvulsants, lithium, etc.)
			6 pt_meds_hx_list6 Other psychiatric medications
			7 pt_meds_hx_list7 Other noteworthy medications
156	psych_meds_classes Show the field ONLY if: [pt_meds_hx_list(6)] = '1'	Please list class(es) of psychiatric medication(s)	notes
157	other_medic_hist Show the field ONLY if: [pt_meds_hx_list(7)] = '1'	Please specify/list other medications:	notes
158	labor_prior_cs	Labor prior to C/S?	radio, Required 1 Yes

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		r	
			2 No
			3 Unknown
159	indication_cs	Indication for C/S:	checkbox, Required
			1 indication_cs1 Repeat
			2 indication_cs2 Multiple gestation
			3 indication_cs3 Dystocia
			4 indication_cs4 Malpresentation
			5 indication_cs5 Fetal distress documented
			8 indication_cs8 Failure to progress
			6 indication_cs6 Other
			7 indication_cs7 Unknown
160	specify_fetal_distress Show the field ONLY if: [indication_cs(5)] = '1'	Specify fetal distress documented:	notes, Required
161	<pre>specify_other_cs_indic Show the field ONLY if: [indication_cs(6)] = '1'</pre>	Specify "other" indication:	notes, Required
162	addl_surgical_proced	Additional Surgical Procedure(s)	checkbox, Required
			1 addl_surgical_proced1 None
			2 addl_surgical_proced2 Closed rectus abdominus (review surgical_note)
			3 addl_surgical_proced3 Hysterectomy (review surgical note)
			5 addl_surgical_proced5 Tubal ligation
			4 addl_surgical_proced4 Other (check and can add comments)
163	other_surgic_proced Show the field ONLY if: [addl_surgical_proced(4)] = '1'	If other: Add other related comments	notes, Required
164	cs_complications	Complications of C/S?	yesno, Required
	unknown or difficult to su please make a comment	Note: If complications are unknown or difficult to surmise,	1 Yes
		please make a comment about it at the end of this form in the	0 No
		"Other Pertinent Patient Comments" box	
165	specify_cs_complications Show the field ONLY if: [cs_complications] = '1'	If yes: Specify complications	notes, Required
166	anesth_mgmt	Anesthetic Management	checkbox, Required
		Note: Please check all that apply	1 anesth_mgmt1 Spinal
			2 anesth_mgmt2 Epidural
			3 anesth_mgmt3 CSE

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,			
			4 anesth_mgmt4 General anesthesia
167 168	postop_pain_mgmt specify_postop_pain_mgmt Show the field ONLY if:	Post-Operative Pain Management (after CS, prior to hospital discharge) <i>Note: Please check all that apply</i> If other: Specify	checkbox, Required 1 postop_pain_mgmt1 NSAIDS 2 postop_pain_mgmt2 Tylenol 3 postop_pain_mgmt3 Oral narcotics 4 postop_pain_mgmt4 PCA 5 postop_pain_mgmt5 Other
169	[postop_pain_mgmt(5)] = '1' breakthru_pain_y_n	Indication of breakthrough pain or other issues in medical record?	radio 1 Yes 2 No 3 Unknown
170	other_postop_issues	Check records for breakthrough pain and other issues, and please comment here:	notes
171	pain_script_charact	Narcotic(s) script characteristics (in LMR) <i>Note: Please check all that apply</i>	checkbox, Required1pain_script_charact1Hydrocodone2pain_script_charact2Oxycodone3pain_script_charact3Percocet4pain_script_charact4Hydromorphone5pain_script_charact5Other6pain_script_charact6Unknown/NA7pain_script_charact7None
172	tab_number	Tablet Number:	text, Required
173	pain_med_strength	Strength (in mg)	text, Required
174	other_pain_med_script_info	Other relevant information about script?: E.g., info on ibuprofen Rx; otherwise please write "none" if no other script comments	notes
175	other_comments_info	Other pertinent comments/information about patient? Please write "none" if no other patient comments	notes
176	medical_record_data_collection _form_opioid_med_pos_comple te	Complete?	dropdown 0 Incomplete

The authors provided this information as a supplement to their article.

Pid not consent
neligible
ost to follow up
Other
Could not reach over the phone (never picked p phone calls)
Too busy/overwhelmed
Bad experience, did not wish to discuss
Generally disinterested in study
No concrete reason provided
Other
Language barrier
Did not recall receiving materials from doctor
Prolonged hospital stay >7 days
Past history of opioid abuse
Other

The authors provided this information as a supplement to their article.

	Show the field ONLY if: [excluded_ans_3_questions] = '1'	pain level related to CS from 0- 10 over past week? Write NA if patient unable to answer this particular question of the three	
185	excluded_satisfaction_mgh Show the field ONLY if: [excluded_ans_3_questions] = '1'	If yes: What was your overall satisfaction with [name institution] after your CS?	radio 1 Very satisfied 2 Satisfied 3 Slightly satisfied 4 Slightly dissatisfied 5 Dissatisfied 6 Very dissatisfied 7 Did not answer
186	excluded_take_opioids Show the field ONLY if: [excluded_ans_3_questions] = '1'	If yes: Did you take any opioid pain medication for pain control after left hospital?	radio 1 Yes 2 No 3 Don't know 4 Did not answer
187	excluded_why_no_ans_quest Show the field ONLY if: [excluded_ans_3_questions] = '0'	If no: Why didn't/couldn't the patient answer the "three questions"?	checkbox 5 excluded_why_no_ans_quest5 6 excluded_why_no_ans_quest6 7 excluded_why_no_ans_quest7 8 excluded_why_no_ans_quest8 9 excluded_why_no_ans_quest9 10 excluded_why_no_ans_quest10
188	excluded_other_no_ans Show the field ONLY if: [excluded_why_no_ans_quest(9)] = '1'	If other: Please specify	notes
189	nonconsent_ineligibility_and_los t_to_follow_up_tra_complete	Complete?	dropdown 0 Incomplete 1 Unverified 2 Complete

The authors provided this information as a supplement to their article.

Appendix 2. Reasons for Exclusion

Ineligibility (n=35): n=15 had a language barrier, n=1 did not recall receiving materials from doctor, n=5 had prolonged hospital stay (>7 days), n=8 had a past history of opioid abuse, n=6 other.

Non-consent (n=55): n=11 were too busy/overwhelmed, n=2 had a bad experience and did not wish to discuss, n=20 were generally disinterested in the study, n=22 other.

Could not be reached (n=252): who were excluded because they could not be reached by phone after 2 weeks after discharge from CD.

Appendix 3. Reasons for Not Filling	an Opioid Prescript	tion After Cesarean Deliverv

	N (%)
Total	105
Did not need/want	91 (87%)
Do not like how they make me feel	12 (11%)
Bad side effects from previous	
experience	9 (9%)
Forgot to fill it	0 (0%)
Co-pay too expensive	0 (0%)
Already had a bottle of leftover pills	1 (1%)
Other	8 (8%)

*Multiple reasons can be given

Pain scores (median[IQR])	Filled Prescription (n=615)	Did Not Fill Prescription (n=105)	p-value
Day of CD	6 [4 to 8]	5 [3 to 6]	<0.001
Until hospital discharge	6 [4 to 7]	5 [3 to, 7]	0.002
Immediately after hospital			
discharge	5 [3, to 6]	3 [2, to 5]	<0.001
First week after discharge	4 [2 to, 5]	3 [2 to, 5]	<0.001
Second week after discharge	2 [1 to, 3]	1 [0 to, 2]	<0.001
*Pain score 0 to 10			

Appendix 4. Pain Scores for Women Who Did and Did Not Fill a Prescription for an Opioid Analgesic

	Tertile Dispensed (N, (%))			
	≤30 Tablets	31-40 Tablets	>40 Tablets	Overall
	(n=237)	(n=299)	(n=69)	Overall
Drowsiness	57 (24)	94 (31)	29 (42)	182 (29)
Nausea/Vomiting	5 (2)	12 (4)	4 (6)	21 (3)
Abdominal discomfort	2 (<1)	6 (2)	5 (7)	13 (2)
Constipation	56 (24)	120 (40)	30 (43)	209 (34)
Dizziness	5 (2)	19 (6)	12 (17)	36 (6)
Confusion	3 (1)	6 (2)	2 (3)	11 (2)
Insomnia/Sleeping issues	0 (<1)	1 (<1)	1 (1)	2 (<1)
Itching	2 (<1)	8 (3)	10 (14)	20 (3)
Difficult urination	0 (<1)	1 (<1)	1 (1)	2 (<1)
Mood swings	1 (<1)	4 (1)	6 (9)	11 (2)
Other	7 (3)	22 (7)	5 (7)	34 (6)

Appendix 5. Patient-Reported Opioid-Related Side Effects Stratified by Tertiles of the Number of Opioid Analgesic Tablets Dispensed

Appendix 6. Results of the negative binomial regression predicting the number of opioid tablets consumed, as a function of the number of tablets dispensed accounting for patient characteristics. IRR, incidence rate ratio; CI, confidence interval; NSAID, nonsteroidal anti-inflammatory drug.

	IRR	95% CI	
Dispensed tablets <31 (ref)			
Dispensed tablets 31-40	1.35	(1.10, 1.65)	
Dispensed tablets > 40	2.01	(1.48, 2.76)	\longrightarrow
Pain score at discharge <5 (ref)			
Pain score at discharge 5–6	1.29	(1.09, 1.53)	
Pain score at discharge >7	1.42	(1.18, 1.70)	
Age <31 (ref)			
Age 31-35	1.05	(0.89, 1.25)	
Age 36 or older	0.89	(0.75, 1.06)	
Labor prior to cesarean delivery=Yes	1.12	(0.93, 1.35)	_
History of smoking=Yes	1.09	(0.89, 1.34)	
Antidepressant use=Yes	1.12	(0.85, 1.50)	
Benzodiazepine use=Yes	1.36	(0.72, 2.87)	
Anesthesia type, spinal (ref)			
Anesthesia type, combined spinal and epidural	0.99	(0.82, 1.20)	
Anesthesia type, epidural	0.94	(0.75, 1.17)	
Anesthesia type, general	0.54	(0.30, 1.09)	
Length of stay (days)	1.04	(0.93, 1.15)	
Opioid type, oxycodone (ref)			
Opioid type, hydrocodone/acetaminophen	1.18	(0.80, 1.74)	
Opioid type, oxycodone/acetaminophen	1.46	(1.00, 2.13)	
Opioid type, hydromorphone	1.05	(0.80, 1.39)	
Opioid type, other	0.28	(0.14, 0.63)	
NSAIDS use=Yes	0.87	(0.64, 1.17)	
			0 0.5 1 1.5 2 2.5

Bateman BT, Cole NM, Maeda A, Burns SM, Houle TT, Huybrechts KF, et al. Patterns of opioid prescription and use after cesarean delivery. Obstet Gynecol 2017; 130.

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