

	#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)												
Instrument: Demographics (demographics)																
	1	[study_id]	Study ID	text												
	2	[date_enrolled]	Section Header: <i>Consent Information</i> Date and time subject signed consent	text (date_mdy), Required, Identifier												
	3	[dob]	Section Header: <i>Patient Baseline Characteristics</i> DOB	text (date_mdy), Required, Identifier												
	4	[date_of_admission]	Date and time of admission	text (datetime_mdy), Required, Identifier												
	5	[age]	Age	calc Calculation: datediff ([dob], [date_enrolled], "y", "mdy", true)												
	6	[sex]	Sex	radio, Required <table><tr><td>0</td><td>Female</td></tr><tr><td>1</td><td>Male</td></tr><tr><td>2</td><td>Non-binary/other</td></tr></table>	0	Female	1	Male	2	Non-binary/other						
0	Female															
1	Male															
2	Non-binary/other															
	7	[race]	Race	radio, Required <table><tr><td>0</td><td>Native American/Alaska Native</td></tr><tr><td>1</td><td>Asian/Pacific Islander</td></tr><tr><td>2</td><td>Black or African American</td></tr><tr><td>3</td><td>White</td></tr><tr><td>4</td><td>Multiracial</td></tr><tr><td>5</td><td>Unknown / Not Reported</td></tr></table>	0	Native American/Alaska Native	1	Asian/Pacific Islander	2	Black or African American	3	White	4	Multiracial	5	Unknown / Not Reported
0	Native American/Alaska Native															
1	Asian/Pacific Islander															
2	Black or African American															
3	White															
4	Multiracial															
5	Unknown / Not Reported															
	8	[ethnicity]	Ethnicity	radio, Required <table><tr><td>0</td><td>Hispanic or Latino</td></tr><tr><td>1</td><td>NOT Hispanic or Latino</td></tr><tr><td>2</td><td>Unknown / Not Reported</td></tr></table>	0	Hispanic or Latino	1	NOT Hispanic or Latino	2	Unknown / Not Reported						
0	Hispanic or Latino															
1	NOT Hispanic or Latino															
2	Unknown / Not Reported															
	9	[admission_diagnosis]	Admission Diagnosis	radio, Required <table><tr><td>1</td><td>Polytrauma w/ brain injury</td></tr><tr><td>2</td><td>Polytrauma w/o brain injury</td></tr><tr><td>3</td><td>Non-trauma surgical patient</td></tr><tr><td>4</td><td>Non-trauma medical patient</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Polytrauma w/ brain injury	2	Polytrauma w/o brain injury	3	Non-trauma surgical patient	4	Non-trauma medical patient	5	Other		
1	Polytrauma w/ brain injury															
2	Polytrauma w/o brain injury															
3	Non-trauma surgical patient															
4	Non-trauma medical patient															
5	Other															
	10	[other_ad_dx] Show the field ONLY if: [admission_diagnosis]=5	Other admission diagnosis	notes												
	11	[mechanism] Show the field ONLY if: [admission_diagnosis] = '1' or [admission_diagnosis] = '2'	Mechanism	radio <table><tr><td>1</td><td>Blunt</td></tr><tr><td>2</td><td>Penetrating</td></tr></table>	1	Blunt	2	Penetrating								
1	Blunt															
2	Penetrating															
	12	[trauma_activation] Show the field ONLY if: [admission_diagnosis] = '1' or [admission_diagnosis] = '2'	Highest level of trauma activation	radio <table><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>Other</td></tr></table>	1	1	2	2	3	Other						
1	1															
2	2															
3	Other															

13	[comorbidities]	Comorbidities	checkbox
1	comorbidities__1	AIDS	
2	comorbidities__2	Alcohol use disorder	
3	comorbidities__3	Angina pectoris	
4	comorbidities__4	Anticoagulant therapy	
5	comorbidities__5	ADD/ADHD	
6	comorbidities__6	Bleeding disorder	
7	comorbidities__7	Cerebral vascular accident	
8	comorbidities__8	COPD	
9	comorbidities__9	Chronic renal failure	
10	comorbidities__10	Cirrhosis	
11	comorbidities__11	Congenital anomalies	
12	comorbidities__12	CHF	
13	comorbidities__13	Connective tissue disease	
14	comorbidities__14	Current smoker	
15	comorbidities__15	Chemotherapy	
16	comorbidities__16	Dementia	
17	comorbidities__17	Diabetes	
18	comorbidities__18	Functionally dependent health status	
19	comorbidities__19	Hemiplegia	
20	comorbidities__20	HTN	
21	comorbidities__21	Leukemia	
22	comorbidities__22	Lymphoma	
23	comorbidities__23	MI	
24	comorbidities__24	PAD	
25	comorbidities__25	PUD	
26	comorbidities__26	Psychiatric disorder	
27	comorbidities__27	Solid tumor, non-metastatic	
28	comorbidities__28	Solid tumor, metastatic	
29	comorbidities__29	Steroid use	
30	comorbidities__30	Substance use disorder	
14	[demographics_complete]	Section Header: <i>Form Status</i> Complete?	dropdown
0	Incomplete		
1	Unverified		
2	Complete		
Instrument: Randomization Form (randomization_form)			
15	[randomization_group]	Section Header: <i>Randomization</i> Randomization Group	dropdown, Required
1	Feeds CONTINUED up to the time of surgery		
2	Feeds HELD for 6 hours prior to surgery		
16	[randomization_form_complete]	Section Header: <i>Form Status</i> Complete?	dropdown
0	Incomplete		
1	Unverified		
2	Complete		
Instrument: Operative Variables (operative_variables)			

	17	[enteral_access]	Section Header: Pre-op Enteral access	radio, Required <table><tr><td>1</td><td>OG</td></tr><tr><td>2</td><td>OD</td></tr><tr><td>3</td><td>NG</td></tr><tr><td>4</td><td>ND</td></tr><tr><td>5</td><td>G-tube</td></tr><tr><td>6</td><td>J-tube</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	OG	2	OD	3	NG	4	ND	5	G-tube	6	J-tube	7	Other
1	OG																	
2	OD																	
3	NG																	
4	ND																	
5	G-tube																	
6	J-tube																	
7	Other																	
	18	[preop_feeds_held]	Were pre-operative feeds held prior to procedure? <i>Verifying experimental condition</i>	yesno, Required <table><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																	
	19	[time_preop_feeds_held] Show the field ONLY if: [preop_feeds_held]=1	When were pre-operative feeds held prior to the procedure? <i>Verifying experimental condition</i>	text (datetime_mdy, Min: 2022-01-01 00:01, Max: 2025-01-01 00:01), Identifier														
	20	[preop_vent_mode]	Preoperative ventilator mode	radio, Required <table><tr><td>1</td><td>Continuous mandatory ventilation (CMV)</td></tr><tr><td>2</td><td>Synchronized intermittent mandatory ventilation (SIMV)</td></tr><tr><td>3</td><td>Pressure controlled ventilation (PCV)</td></tr><tr><td>4</td><td>Volume controlled ventilation (VCV)</td></tr><tr><td>5</td><td>Pressure regulated volume control (PRVC)</td></tr><tr><td>6</td><td>Pressure support (PS)</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Continuous mandatory ventilation (CMV)	2	Synchronized intermittent mandatory ventilation (SIMV)	3	Pressure controlled ventilation (PCV)	4	Volume controlled ventilation (VCV)	5	Pressure regulated volume control (PRVC)	6	Pressure support (PS)	7	Other
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5	Pressure regulated volume control (PRVC)																	
6	Pressure support (PS)																	
7	Other																	
	21	[preop_fio2]	Preoperative FiO2	text, Required														
	22	[preop_peep]	Preoperative PEEP	text, Required														
	23	[preop_pao2]	Preoperative PaO2	text														
	24	[preoperative_antibiotics]	Preoperative antibiotics (on the day of surgery)	radio, Required <table><tr><td>1</td><td>Yes- Preoperative prophylaxis only</td></tr><tr><td>2</td><td>Yes- Continued antibiotics for other indication (eg. infection)</td></tr><tr><td>3</td><td>No</td></tr></table>	1	Yes- Preoperative prophylaxis only	2	Yes- Continued antibiotics for other indication (eg. infection)	3	No								
1	Yes- Preoperative prophylaxis only																	
2	Yes- Continued antibiotics for other indication (eg. infection)																	
3	No																	
	25	[preop_cont_abx_reason] Show the field ONLY if: [preoperative_antibiotics] = '2'	Continued antibiotics indication	text														
	26	[date_of_trach]	Section Header: Intra Op Date and time of tracheostomy	text (datetime_mdy), Required, Identifier														
	27	[time_tf_held_preop]	Duration of pre-operative feeds hold (hours)	calc Calculation: datediff ([time_preop_feeds_held], [date_of_trach], "h", true)														
	28	[days_until_trach]	Days from admission to tracheostomy	calc Calculation: datediff ([date_of_admission], [date_of_trach], "d", true)														
	29	[procedure_location]	Procedure location	radio, Required <table><tr><td>1</td><td>Operating Room</td></tr><tr><td>2</td><td>ICU</td></tr><tr><td>3</td><td>Other</td></tr></table>	1	Operating Room	2	ICU	3	Other								
1	Operating Room																	
2	ICU																	
3	Other																	

30	[proceduralist]	Proceduralist	radio, Required <table border="1"> <tr><td>1</td><td>General/Acute Care Surgery</td></tr> <tr><td>2</td><td>Intensivist (Non-surgeon)</td></tr> <tr><td>3</td><td>Otolaryngology</td></tr> <tr><td>4</td><td>Other</td></tr> </table>	1	General/Acute Care Surgery	2	Intensivist (Non-surgeon)	3	Otolaryngology	4	Other		
1	General/Acute Care Surgery												
2	Intensivist (Non-surgeon)												
3	Otolaryngology												
4	Other												
31	[type_of_tracheostomy]	Type of tracheostomy	radio, Required <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Percutaneous</td></tr> </table>	1	Open	2	Percutaneous						
1	Open												
2	Percutaneous												
32	[size_of_trach]	Size of tracheostomy	radio, Required <table border="1"> <tr><td>1</td><td>5 or less</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9 or more</td></tr> </table>	1	5 or less	6	6	7	7	8	8	9	9 or more
1	5 or less												
6	6												
7	7												
8	8												
9	9 or more												
33	[cuffed]	Cuffed or uncuffed tracheostomy	radio, Required <table border="1"> <tr><td>1</td><td>Cuffed</td></tr> <tr><td>2</td><td>Uncuffed</td></tr> </table>	1	Cuffed	2	Uncuffed						
1	Cuffed												
2	Uncuffed												
34	[resident]	Resident involvement	yesno <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												
35	[intraop_blood_loss]	Intraoperative blood loss (cc's)	text										
36	[intraop_crystalloid]	Intraoperative crystalloid given (cc's)	text										
37	[intraop_blood_products]	Intraoperative blood products	yesno <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												
38	[post_op_fluid_balance]	Fluid balance after procedure	text										
39	[paralytic]	Paralytic for procedure?	yesno <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												
40	[intraop_complications]	Intra-operative complications?	yesno <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												
41	[intraop_comp_explanation] Show the field ONLY if: [intraop_complications] = '1'	Please explain the intraoperative complication	notes										
42	[operative_variables_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: **Tube Feeds: Start/Stop** (tube_feeds_startstop)

	43	[stop_feeds_study_day_1]	Section Header: <i>Stoppage 1</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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5	Post-op day 4																			
6	Post-op day 5																			
7	Post-op day 6																			
8	Post-op day 7																			
	44	[stop_1]	TF Stopped	text (datetime_mdy), Identifier																
	45	[stop_reason_1]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
1	Anticipated trach																			
2	Anticipated procedure (other than trach)																			
3	Ileus/feeding intolerance																			
4	Aspiration																			
5	Other																			
	46	[start_1]	TF Resumed	text (datetime_mdy, Min: [stop_1]), Identifier																
	47	[start_reason_1]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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	48	[tf_held_duration_1]	TF Hold Duration	calc Calculation: datediff ([stop_1], [start_1], "h", true)																
	49	[stop_feeds_study_day_2]	Section Header: <i>Stoppage 2</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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3	Post-op day 2																			
4	Post-op day 3																			
5	Post-op day 4																			
6	Post-op day 5																			
7	Post-op day 6																			
8	Post-op day 7																			
	50	[stop_2]	TF Stopped	text (datetime_mdy), Identifier																
	51	[stop_reason_2]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	52	[start_2]	TF Resumed	text (datetime_mdy, Min: [stop_2]), Identifier																

53	[start_reason_2]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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54	[tf_held_duration_2]	TF Hold Duration	calc Calculation: datediff ([stop_2], [start_2], "h", true)																
55	[stop_feeds_study_day_3]	Section Header: <i>Stoppage 3</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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56	[stop_3]	TF Stopped	text (datetime_mdy), Identifier																
57	[stop_reason_3]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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58	[start_3]	TF Resumed	text (datetime_mdy, Min: [stop_3]), Identifier																
59	[start_reason_3]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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60	[tf_held_duration_3]	TF Hold Duration	calc Calculation: datediff ([stop_3], [start_3], "h", true)																
61	[stop_feeds_study_day_4]	Section Header: <i>Stoppage 4</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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62	[stop_4]	TF Stopped	text (datetime_mdy), Identifier																

	63	[stop_reason_4]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	64	[start_4]	TF Resumed	text (datetime_mdy, Min: [stop_4]), Identifier																
	65	[tf_held_duration_4]	TF Hold Duration	calc Calculation: datediff ([stop_4], [start_4], "h", true)																
	66	[start_reason_4]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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	67	[stop_feeds_study_day_5]	Section Header: <i>Stoppage 5</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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	68	[stop_5]	TF Stopped	text (datetime_mdy), Identifier																
	69	[stop_reason_5]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	73	[stop_feeds_study_day_6]	Section Header: <i>Stoppage 6</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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	75	[stop_reason_6]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	79	[stop_feeds_study_day_7]	Section Header: <i>Stoppage 7</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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	81	[stop_reason_7]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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83	[start_reason_7]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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84	[tf_held_duration_7]	TF Hold Duration	calc Calculation: datediff ([stop_7], [start_7], "h", true)																
85	[stop_feeds_study_day_8]	Section Header: Stoppage 8 Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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86	[stop_8]	TF Stopped	text (datetime_mdy), Identifier																
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90	[tf_held_duration_8]	TF Hold Duration	calc Calculation: datediff ([stop_8], [start_8], "h", true)																
91	[stop_feeds_study_day_9]	Section Header: Stoppage 9 Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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92	[stop_9]	TF Stopped	text (datetime_mdy), Identifier																

	93	[stop_reason_9]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	95	[start_reason_9]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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	96	[tf_held_duration_9]	TF Hold Duration	calc Calculation: datediff ([stop_9], [start_9], "h", true)																
	97	[stop_feeds_study_day_10]	Section Header: <i>Stoppage 10</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7
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	99	[stop_reason_10]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	101	[start_reason_10]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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	105	[stop_reason_11]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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	107	[start_reason_11]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other		
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	111	[stop_reason_12]	Reason for TF stopped?	radio <table><tr><td>1</td><td>Anticipated trach</td></tr><tr><td>2</td><td>Anticipated procedure (other than trach)</td></tr><tr><td>3</td><td>Ileus/feeding intolerance</td></tr><tr><td>4</td><td>Aspiration</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Anticipated trach	2	Anticipated procedure (other than trach)	3	Ileus/feeding intolerance	4	Aspiration	5	Other						
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113	[start_reason_12]	Reason for TF resumed?	radio <table><tr><td>1</td><td>Trach completed</td></tr><tr><td>2</td><td>Trach cancelled</td></tr><tr><td>3</td><td>Procedure completed</td></tr><tr><td>4</td><td>Procedure cancelled</td></tr><tr><td>5</td><td>Ileus/feeding intolerance resolved</td></tr><tr><td>6</td><td>Concern for aspiration resolved</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	Trach completed	2	Trach cancelled	3	Procedure completed	4	Procedure cancelled	5	Ileus/feeding intolerance resolved	6	Concern for aspiration resolved	7	Other
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115	[tf_stoppage_number]	Were tube feeds stopped more than 12 times during the duration of the study?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No										
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116	[tube_feeds_startstop_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table><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								
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2	Complete																

Instrument: Tube Feeds: Volume (tube_feeds_volume)

117	[study_day_1]	Section Header: <i>First day of recording data (first day trach is planned for)</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7				
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118	[vol_day_1]	24-hr tube feed volume	text																				
119	[tf_brand_1]	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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120	[tf_brand_other_preop_1] Show the field ONLY if: [tf_brand_5]=10	Other brand of tube feed	text																				
121	[second_tf_brand_1]	Second type of tube feeds on this day?	yesno <table><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																						

	122	[tf_brand_second_1] Show the field ONLY if: [second_tf_brand_4] = '1'	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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	123	[study_day_2]	Section Header: <i>New Day</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7				
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	124	[vol_day_2]	24-hr tube feed volume	text																				
	125	[tf_brand_2]	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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	126	[tf_brand_other_preop_2] Show the field ONLY if: [tf_brand_5]=10	Other brand of tube feed	text																				
	127	[second_tf_brand_2]	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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132	[tf_brand_other_preop_3] Show the field ONLY if: [tf_brand_5]=10	Other brand of tube feed	text																				
133	[second_tf_brand_3]	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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	140	<div>[tf_brand_second_4]</div> <div>Show the field ONLY if: [second_tf_brand_4] = '1'</div>	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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	145	<div>[second_tf_brand_5]</div>	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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146	[tf_brand_second_5] Show the field ONLY if: [second_tf_brand_5] = '1'	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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151	[second_tf_brand_6]	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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	153	[study_day_7]	Section Header: <i>New Day</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7				
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	154	[vol_day_7]	24-hr tube feed volume	text																				
	155	[tf_brand_7]	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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	156	[tf_brand_other_preop_7] Show the field ONLY if: [tf_brand_7]=10	Other brand of tube feed	text																				
	157	[second_tf_brand_7]	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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158	[tf_brand_second_7] Show the field ONLY if: [second_tf_brand_7] = '1'	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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159	[study_day_8]	Section Header: <i>New Day</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7				
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162	[tf_brand_other_preop_8] Show the field ONLY if: [tf_brand_8]=10	Other brand of tube feed	text																				
163	[second_tf_brand_8]	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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164	[tf_brand_second_8] Show the field ONLY if: [second_tf_brand_8] = '1'	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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165	[study_day_9]	Section Header: <i>New Day</i> Study Day	radio <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7				
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166	[vol_day_9]	24-hr tube feed volume	text																				
167	[tf_brand_9]	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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168	[tf_brand_other_preop_9] Show the field ONLY if: [tf_brand_9]=10	Other brand of tube feed	text																				
169	[second_tf_brand_9]	Second type of tube feeds on this day?	yesno <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																
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	170	<div>[tf_brand_second_9]</div> <div>Show the field ONLY if: [second_tf_brand_9] = '1'</div>	Brand of tube feed	<div>radio</div> <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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	171	<div>[study_day_10]</div>	<div>Section Header: <i>New Day</i></div> <div>Study Day</div>	<div>radio</div> <table><tr><td>1</td><td>Pre-op day</td></tr><tr><td>2</td><td>Post-op day 1</td></tr><tr><td>3</td><td>Post-op day 2</td></tr><tr><td>4</td><td>Post-op day 3</td></tr><tr><td>5</td><td>Post-op day 4</td></tr><tr><td>6</td><td>Post-op day 5</td></tr><tr><td>7</td><td>Post-op day 6</td></tr><tr><td>8</td><td>Post-op day 7</td></tr></table>	1	Pre-op day	2	Post-op day 1	3	Post-op day 2	4	Post-op day 3	5	Post-op day 4	6	Post-op day 5	7	Post-op day 6	8	Post-op day 7				
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	172	<div>[vol_day_10]</div>	24-hr tube feed volume	<div>text</div>																				
	173	<div>[tf_brand_10]</div>	Brand of tube feed	<div>radio</div> <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other
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	174	<div>[tf_brand_other_preop_10]</div> <div>Show the field ONLY if: [tf_brand_10]=10</div>	Other brand of tube feed	<div>text</div>																				
	175	<div>[second_tf_brand_10]</div>	Second type of tube feeds on this day?	<div>yesno</div> <table><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																							

176	[tf_brand_second_10] Show the field ONLY if: [second_tf_brand_10] = '1'	Brand of tube feed	radio <table><tr><td>1</td><td>Vital AF</td></tr><tr><td>2</td><td>Vital HP</td></tr><tr><td>3</td><td>Pivot</td></tr><tr><td>4</td><td>Glucerna</td></tr><tr><td>5</td><td>Jevity 1.5</td></tr><tr><td>6</td><td>Osmolyte 1.2</td></tr><tr><td>7</td><td>Osmolyte 1.5</td></tr><tr><td>8</td><td>Nepro</td></tr><tr><td>9</td><td>Vivonex</td></tr><tr><td>10</td><td>Other</td></tr></table>	1	Vital AF	2	Vital HP	3	Pivot	4	Glucerna	5	Jevity 1.5	6	Osmolyte 1.2	7	Osmolyte 1.5	8	Nepro	9	Vivonex	10	Other	
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177	[tube_feeds_volume_complete]	Section Header: Form Status Complete?	dropdown <table><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															
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Instrument: Postoperative Variables (postoperative_variables)																								
178	[time_back_to_icu]	When did the patient arrive back in ICU after procedure?	text (datetime_mdy), Required, Identifier																					
179	[fluid_balance_24_hrs_postop]	Fluid balance 24 hours after trach	text (number)																					
180	[postop_abx]	Antibiotics postoperatively	yesno, Required <table><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																							
181	[abx_48_hrs_postop] Show the field ONLY if: [postop_abx]=1	Antibiotics >48 hours postop	yesno <table><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																							
182	[infiltrate_24]	New infiltrate on CXR @ 24 hours after surgery	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																	
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0	No																							
183	[infiltrate_48]	New infiltrate on CXR @ 48 hours after surgery	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																	
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0	No																							
184	[reop_48_hours]	Reoperation within 48 hours	yesno, Required <table><tr><td>1</td><td>Yes</td></tr><tr><td>0</td><td>No</td></tr></table>	1	Yes	0	No																	
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185	[reop_reason] Show the field ONLY if: [reop_48_hours] = '1'	Please explain the reoperation procedure and indication	notes																					
186	[postop_adverse_event]	Immediate postop event	checkbox <table><tr><td>1</td><td>postop_adverse_event__1</td><td>MI</td></tr><tr><td>2</td><td>postop_adverse_event__2</td><td>CVA</td></tr><tr><td>3</td><td>postop_adverse_event__3</td><td>Reintubation</td></tr><tr><td>4</td><td>postop_adverse_event__4</td><td>Reoperation</td></tr><tr><td>5</td><td>postop_adverse_event__5</td><td>Cardiac arrest</td></tr><tr><td>6</td><td>postop_adverse_event__6</td><td>Death</td></tr><tr><td>7</td><td>postop_adverse_event__7</td><td>Other</td></tr></table>	1	postop_adverse_event__1	MI	2	postop_adverse_event__2	CVA	3	postop_adverse_event__3	Reintubation	4	postop_adverse_event__4	Reoperation	5	postop_adverse_event__5	Cardiac arrest	6	postop_adverse_event__6	Death	7	postop_adverse_event__7	Other
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7	postop_adverse_event__7	Other																						
187	[post_op_adverse_event_explain]	Please explain any immediate adverse postop events	notes																					

188	[postop_vent_mode]	Postoperative ventilator mode	radio, Required <table border="1"> <tr><td>1</td><td>Continuous mandatory ventilation (CMV)</td></tr> <tr><td>2</td><td>Synchronized intermittent mandatory ventilation (SIMV)</td></tr> <tr><td>3</td><td>Pressure controlled ventilation (PCV)</td></tr> <tr><td>4</td><td>Volume controlled ventilation (VCV)</td></tr> <tr><td>5</td><td>Pressure regulated volume control (PRVC)</td></tr> <tr><td>6</td><td>Pressure support (PS)</td></tr> <tr><td>7</td><td>Other</td></tr> </table>	1	Continuous mandatory ventilation (CMV)	2	Synchronized intermittent mandatory ventilation (SIMV)	3	Pressure controlled ventilation (PCV)	4	Volume controlled ventilation (VCV)	5	Pressure regulated volume control (PRVC)	6	Pressure support (PS)	7	Other
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189	[postop_fio2]	Postoperative FiO2	text														
190	[postop_peep]	Postoperative PEEP	text														
191	[postop_pao2]	Postoperative PaO2	text														
192	[enteral_access_postop]	Enteral access	radio, Required <table border="1"> <tr><td>1</td><td>OD</td></tr> <tr><td>2</td><td>OG</td></tr> <tr><td>3</td><td>ND</td></tr> <tr><td>4</td><td>NG</td></tr> <tr><td>5</td><td>G-tube</td></tr> <tr><td>6</td><td>J-tube</td></tr> <tr><td>7</td><td>Other</td></tr> </table>	1	OD	2	OG	3	ND	4	NG	5	G-tube	6	J-tube	7	Other
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193	[tf_started_post_op]	When were tube feeds started post operatively?	text (datetime_mdy), Required, Identifier														
194	[post_op_tf_hold_time]	How long were feeds held for postoperatively? (in hours)	calc Calculation: datediff ([time_back_to_icu], [tf_started_post_op], "h", "mdy", true)														
195	[feeding_intol]	Ileus or feeding intolerance with resumption of feeds?	yesno <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																
196	[mortality_7_days]	Section Header: <i>Mortality/Serious Adverse Events</i> Did the patient die within 7 days of tracheostomy?	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																
197	[serious_adverse_event]	Did the patient have a serious adverse event that could be related to this study within 7 days?	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										
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0	No																
198	[mortality_reason] Show the field ONLY if: [mortality_7_days] = '1'	Please describe the conditions of patient mortality	notes														
199	[serious_reason] Show the field ONLY if: [serious_adverse_event] = '1'	Please describe the adverse event related to the study?	notes														
200	[reported] Show the field ONLY if: [serious_adverse_event] = '1' or [mortality_7_days] = '1'	Has this been reported to the study PI? If not, please do so immediately.	yesno <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																
201	[postoperative_variables_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																
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2	Complete																
Instrument: Daily Update: POD 1 (daily_update_pod_1)																	
202	[wbc]	Section Header: <i>Infectious</i> WBC count (in thousands)	text														

	203	[pmns]	PMN percentage	text															
	204	[temp]	T maximum (C)	text															
	205	[newabx]	New Antibiotic	yesno, Required <table><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																		
	206	[newabxtype] Show the field ONLY if: [newabx]=1	Antibiotic initiated	text															
	207	[abxindication] Show the field ONLY if: [newabx]=1	Antibiotic indication	radio <table><tr><td>1</td><td>Pneumonia</td></tr><tr><td>2</td><td>Intra-abdominal abscess</td></tr><tr><td>3</td><td>UTI</td></tr><tr><td>4</td><td>Sepsis</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Pneumonia	2	Intra-abdominal abscess	3	UTI	4	Sepsis	5	Other					
1	Pneumonia																		
2	Intra-abdominal abscess																		
3	UTI																		
4	Sepsis																		
5	Other																		
	208	[newabxotherindication] Show the field ONLY if: [abxindication]=5	Other Indication	text															
	209	[ventuse]	On ventilator today	yesno, Required <table><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																		
	210	[fio2] Show the field ONLY if: [ventuse]=1	Max FiO2 (%)	text															
	211	[peepmax] Show the field ONLY if: [ventuse]=1	Max PEEP	text															
	212	[abgo2]	O2 on ABG	text															
	213	[cxrinfiltrate]	New infiltrate on CXR	yesno <table><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																		
	214	[infiltratetype] Show the field ONLY if: [cxrinfiltrate]=1	Infiltrate type	radio <table><tr><td>1</td><td>Localized</td></tr><tr><td>2</td><td>Diffuse</td></tr></table>	1	Localized	2	Diffuse											
1	Localized																		
2	Diffuse																		
	215	[respiratory_sample]	Respiratory sample	checkbox <table><tr><td>1</td><td>respiratory_sample__1</td><td>BAL</td></tr><tr><td>2</td><td>respiratory_sample__2</td><td>Mini BAL</td></tr><tr><td>3</td><td>respiratory_sample__3</td><td>Tracheal aspirate</td></tr><tr><td>4</td><td>respiratory_sample__4</td><td>Sputum</td></tr><tr><td>5</td><td>respiratory_sample__5</td><td>Induced sputum</td></tr></table>	1	respiratory_sample__1	BAL	2	respiratory_sample__2	Mini BAL	3	respiratory_sample__3	Tracheal aspirate	4	respiratory_sample__4	Sputum	5	respiratory_sample__5	Induced sputum
1	respiratory_sample__1	BAL																	
2	respiratory_sample__2	Mini BAL																	
3	respiratory_sample__3	Tracheal aspirate																	
4	respiratory_sample__4	Sputum																	
5	respiratory_sample__5	Induced sputum																	
	216	[baltype] Show the field ONLY if: [respiratory_sample(1)] = '1' o r [respiratory_sample(2)] = '1'	Type of BAL sample	radio <table><tr><td>1</td><td>Qualitative</td></tr><tr><td>2</td><td>Quantitative</td></tr></table>	1	Qualitative	2	Quantitative											
1	Qualitative																		
2	Quantitative																		
	217	[balbacterium] Show the field ONLY if: [respiratory_sample(1)] = '1' o r [respiratory_sample(2)] = '1' or [respiratory_sample(3)] = '1' or [respiratory_sample(4)] = '1' or [respiratory_sample (5)] = '1'	Bacterium	text															

218	<div>[bactconc]</div> <div>Show the field ONLY if: [respiratory_sample(1)] = '1' or [respiratory_sample(2)] = '1' or [respiratory_sample(3)] = '1' or [respiratory_sample(4)] = '1' or [respiratory_sample (5)] = '1'</div>	Bacteria Concentration	text																					
219	<div>[oral_secretions]</div>	Oral secretions characteristics <i>Select all that apply</i>	checkbox <table><tr><td>0</td><td>oral_secretions__0</td><td>Mild</td></tr><tr><td>1</td><td>oral_secretions__1</td><td>Moderate</td></tr><tr><td>2</td><td>oral_secretions__2</td><td>Significant</td></tr><tr><td>3</td><td>oral_secretions__3</td><td>Thin</td></tr><tr><td>4</td><td>oral_secretions__4</td><td>Tan</td></tr><tr><td>5</td><td>oral_secretions__5</td><td>Purulent</td></tr><tr><td>6</td><td>oral_secretions__6</td><td>Tube feeds</td></tr></table>	0	oral_secretions__0	Mild	1	oral_secretions__1	Moderate	2	oral_secretions__2	Significant	3	oral_secretions__3	Thin	4	oral_secretions__4	Tan	5	oral_secretions__5	Purulent	6	oral_secretions__6	Tube feeds
0	oral_secretions__0	Mild																						
1	oral_secretions__1	Moderate																						
2	oral_secretions__2	Significant																						
3	oral_secretions__3	Thin																						
4	oral_secretions__4	Tan																						
5	oral_secretions__5	Purulent																						
6	oral_secretions__6	Tube feeds																						
220	<div>[abxforpna]</div> <div>Show the field ONLY if: [oral_secretions(5)] = '1'</div>	Antibiotics for pneumonia	yesno <table><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																							
221	<div>[redness_at_trach_site]</div>	Is there redness at the tracheostomy site?	yesno <table><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																							
222	<div>[pur_at_the_trach_site]</div>	Is there purulence at the tracheostomy site?	yesno <table><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																							
223	<div>[trach_site_ssi]</div> <div>Show the field ONLY if: [redness_at_trach_site] = '1' a nd [pur_at_the_trach_site] = '1'</div>	Is this a surgical site infection at the tracheostomy site?	yesno <table><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																							
224	<div>[blood_culture]</div>	Blood culture	yesno, Required <table><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																							
225	<div>[blood_bacterium]</div> <div>Show the field ONLY if: [blood_culture] = '1'</div>	Blood culture bacterium	text																					
226	<div>[uc]</div>	Urine culture	yesno, Required <table><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																							
227	<div>[urinebacteria]</div> <div>Show the field ONLY if: [uc]=1</div>	Urine bacterium	text																					
228	<div>[urinebactquant]</div> <div>Show the field ONLY if: [uc]=1</div>	Urine bacteria quantification	text																					

229	[enteral_access_daily]	Section Header: Nutrition Enteral access	radio, Required <table><tr><td>1</td><td>OG</td></tr><tr><td>2</td><td>OD</td></tr><tr><td>3</td><td>NG</td></tr><tr><td>4</td><td>ND</td></tr><tr><td>5</td><td>G-tube</td></tr><tr><td>6</td><td>J-tube</td></tr><tr><td>7</td><td>Other</td></tr></table>	1	OG	2	OD	3	NG	4	ND	5	G-tube	6	J-tube	7	Other				
1	OG																				
2	OD																				
3	NG																				
4	ND																				
5	G-tube																				
6	J-tube																				
7	Other																				
230	[dvtpeday]	Section Header: Thromboembolism DVT/PE Present	yesno, Required <table><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																				
231	[dvtpeloc] Show the field ONLY if: [dvtpeday]=1	Location	checkbox <table><tr><td>1</td><td>dvtpeloc__1</td><td>Right lung</td></tr><tr><td>2</td><td>dvtpeloc__2</td><td>Left lung</td></tr><tr><td>3</td><td>dvtpeloc__3</td><td>Right lower extremity</td></tr><tr><td>4</td><td>dvtpeloc__4</td><td>Left lower extremity</td></tr><tr><td>5</td><td>dvtpeloc__5</td><td>Right upper extremity</td></tr><tr><td>6</td><td>dvtpeloc__6</td><td>Left upper extremity</td></tr></table>	1	dvtpeloc__1	Right lung	2	dvtpeloc__2	Left lung	3	dvtpeloc__3	Right lower extremity	4	dvtpeloc__4	Left lower extremity	5	dvtpeloc__5	Right upper extremity	6	dvtpeloc__6	Left upper extremity
1	dvtpeloc__1	Right lung																			
2	dvtpeloc__2	Left lung																			
3	dvtpeloc__3	Right lower extremity																			
4	dvtpeloc__4	Left lower extremity																			
5	dvtpeloc__5	Right upper extremity																			
6	dvtpeloc__6	Left upper extremity																			
232	[dvtpetreatment] Show the field ONLY if: [dvtpeday]=1	DVT/PE Treatment	radio <table><tr><td>1</td><td>Subcutaneous heparin (SQH)</td></tr><tr><td>2</td><td>Lovenox</td></tr><tr><td>3</td><td>Fondaparinux</td></tr><tr><td>4</td><td>Full dose heparin</td></tr><tr><td>5</td><td>No treatment</td></tr></table>	1	Subcutaneous heparin (SQH)	2	Lovenox	3	Fondaparinux	4	Full dose heparin	5	No treatment								
1	Subcutaneous heparin (SQH)																				
2	Lovenox																				
3	Fondaparinux																				
4	Full dose heparin																				
5	No treatment																				
233	[cr]	Section Header: Renal Creatinine	text																		
234	[dialysis]	Dialysis or CRRT	yesno <table><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																				
235	[ct]	Section Header: CT Imaging New CT	yesno, Required <table><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																				
236	[ctindication] Show the field ONLY if: [ct]=1	CT Indication	radio <table><tr><td>1</td><td>Monitor known pathology</td></tr><tr><td>2</td><td>Concern for DVT/PE</td></tr><tr><td>3</td><td>Concern for infection</td></tr><tr><td>4</td><td>Concern for bleeding</td></tr><tr><td>5</td><td>Other</td></tr></table>	1	Monitor known pathology	2	Concern for DVT/PE	3	Concern for infection	4	Concern for bleeding	5	Other								
1	Monitor known pathology																				
2	Concern for DVT/PE																				
3	Concern for infection																				
4	Concern for bleeding																				
5	Other																				
237	[ctindicationother] Show the field ONLY if: [ctindication]=5	Other CT Indication	text																		
238	[ctresult] Show the field ONLY if: [ct]=1	CT Result	text																		
239	[cttxchange] Show the field ONLY if: [ct]=1	Change in treatment based on CT	yesno <table><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																				

	240	[ctchange treatment] Show the field ONLY if: [cttxchange]=1	Change in treatment	text						
	241	[death2]	Section Header: <i>Mortality</i> Patient death	radio, Required <table border="1"><tr><td>0</td><td>No</td></tr><tr><td>1</td><td>Yes</td></tr></table>	0	No	1	Yes		
0	No									
1	Yes									
	242	[cause_death2] Show the field ONLY if: [death2]=1	Cause of death	notes						
	243	[daily_update_pod_1_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: Daily Update: POD 2 (daily_update_pod_2) [collapsed]										
Instrument: Daily Update: POD 3 (daily_update_pod_3) [collapsed]										
Instrument: Daily Update: POD 4 (daily_update_pod_4) [collapsed]										
Instrument: Daily Update: POD 5 (daily_update_pod_5) [collapsed]										
Instrument: Daily Update: POD 6 (daily_update_pod_6) [collapsed]										
Instrument: Daily Update: POD 7 (daily_update_pod_7) [collapsed]										

Screening

Screening occurs in the Trauma and Surgical ICU. Any patient who is intubated should be included on the screening log. They are ineligible if age is less than 18, if known pregnant or if prisoner. They are included if they meet all these criteria AND are planned for a tracheostomy. Our screening is as follows. We screen Monday through Friday when the investigator is in-house and is able to consent. The screening log should be updated daily (M-F) with each intubated patient included as a separate entry. An example of the screening log is below.

Screening log (include all intubated patients):

Date	Bed number	Intubated	Tracheostomy planned	Ineligibility	Consent


Enrollment


When a patient is identified by the above screening process, complete an inclusion/exclusion worksheet. Then, identify the relevant proxy for research consent (except in the rare instance that it is deemed that the patient can consent). Once the appropriate individual is identified, the investigator can approach to obtain consent. The consent process must be conducted in person and written consent must be obtained. A copy of the consent form should be given to the patient or Healthcare Proxy, as appropriate.

Randomization

Once the consent process is complete, log on to REDCap for randomization. You will need to add a study record and select the “Randomization Form.” Of note, it is the second form listed within the Data Collection Instruments. Click on the randomize button and follow the directions to assign a patient to a condition. Don’t forget to save the form before exiting REDCap.

Randomization Form

 Adding new Study ID 33-1.

Study ID	33-1
Randomization	
Randomization Group	<div style="display: flex; align-items: center;"> <div style="flex-grow: 1; border-bottom: 1px solid #ccc; margin-bottom: 2px;"></div> <div style="margin-left: 10px;">  Randomize </div> </div>

* must provide value

Once you have your assignment, this information must be shared with the medical team so appropriate arrangements/ orders/ and communications can be done with all the involved teams to ensure that tube feeds are held, or not held, appropriately according to the randomization assignment. ***It is important that all relevant parties are aware of the plan to avoid protocol deviations.***

Check one of the following to indicate randomization category (as generated by RedCap):

☐ Hold feeds for 6 hours prior to tracheostomy

☐ Do not hold feeds

Write today's date	Check when done or write N/A	Study intervention or verification
		Ensure order is placed by clinical team for hold tube feeds at _____ time or that continue tube feeds nursing communication is placed.
		Ensure patient's primary nurse is aware of the study: Name _____
		Ensure operating team aware of study enrollment (if applicable at your site)
		Ensure anesthesia team aware of study enrollment (if applicable at your site)

Protocol deviations

If the randomization assignment is not followed, this would be a protocol deviation. Please make note of this and, preferably, reach out to the primary site (PUSH IT Team push.itcommunications@gmail.com) to document and move forward. A plan may need to be made in consultation with the site PI to prevent further occurrences.

Protocol deviation

Study ID _____

Date	Describe deviation	Effect on data integrity (yes/no/ not applicable)	Reported to IRB	PI initial and date

Study coordinator signature: _____

PI signature: _____

((PI) Principal investigator signature required if deviation occurred)

Serious adverse events

If there is a death on the study or a suspected major aspiration event or another serious occurrence, please reach out to the primary site principal investigator. Depending on frequency

and severity of these events, this may need to be reported to the IRB and/or DSMB. The qualification of major aspiration event is up to the adjudication of the local primary investigator.

Demographics

Collect the information from the EHR. We usually use the demographics page and H&P / Consult notes(s).

Date and time subject signed consent	This is the date and time of consent by Health Proxy (or patient) and <u>indicates the start time of the data collection</u>
DOB	Date of Birth
Age	Automatically populated by REDCap
Sex	Male, Female, or Non-Binary/other
Race	Insert patient-reported race based on Demographics page in EHR
Ethnicity	Insert patient-reported ethnicity based on Demographics page in EHR
Admission Diagnosis	Polytrauma with brain injury Polytrauma without brain injury Non-trauma surgical patient Non-trauma medical patient Other
Comorbidities	Fill out co-morbidities that are identified on the H&P / Consult notes(s).

Operative variables (Pre-op)

We suggest that this information be collected closest to the time of surgery, and certainly within the same day. For this and future data points, you may get this information from the EHR or from the bedside. We suggest you make a note of where you did get the information for future tracking.

Enteral Access	OG: Oro-gastric Tube OD: Oro-duodenal Tube NG: Naso-gastric Tube ND: Nasoduodenal Tube G-Tube: Gastric Tube J-Tube: Jejunal Tube Other: Includes Gastro-Jejunal tube
----------------	--

If Enteral Access is 'Other' please make note of the nature of said access in the patient's research file.

Preoperative Ventilator Mode:	Continuous mandatory ventilation (CMV) Synchronized intermittent mandatory ventilation (SIMV) Pressure controlled ventilation (PCV) Volume controlled ventilation (VCV) Pressure regulated volume control (PRVC) Pressure support (PS) Other
-------------------------------	--

Continuous mandatory ventilation includes assists control modes. If ventilator mode is 'Other' please make note of the nature of said access in the patient's research file.

Preoperative FiO2:	Percentage
--------------------	------------

Please include the number for FiO2 without percentage sign.

Preoperative PEEP:	Number
--------------------	--------

Preoperative PaO2:	From ABG
--------------------	----------

Please obtain PaO2 from preoperative ABG (Arterial Blood Gas) *closest* to time of tracheostomy.

Preoperative antibiotics (on the day of surgery):	Yes- Preoperative prophylaxis only Yes- Continued antibiotics for other indication (eg. Infection, PLEASE SPECIFY INFECTION TYPE) No- No Antibiotics given preoperatively
---	---

If the patient is on continued antibiotics preoperatively for another indication, please specify the type of infection (e.g. community acquired pneumonia, ventilator acquired pneumonia, health care associated pneumonia, intraabdominal infection, bacteremia, etc.)

Operative variables (Intra-op)

We suggest you get this from the operative and anesthesia notes and by speaking with the operating team. For blood loss and crystalloids please record in milliliters.

Date and time of tracheostomy:	Date and time of procedure start
--------------------------------	----------------------------------

Duration of pre-operative feeds hold (hours):	(Automatically Calculated)
---	----------------------------

Days from admission to tracheostomy:	(Automatically Calculated)
--------------------------------------	----------------------------

Procedure location:	OR/ ICU/ Other
---------------------	----------------

If the procedure location was not in ICU or OR, please make note of where the procedure occurred in the research file.

Proceduralist: General/Acute Care Surgeon
Intensivist (Non-surgeon)
Otolaryngology
Other

Type of tracheostomy: Open /Percutaneous

Size of tracheostomy: 5 or less, 6, 7, 8, 9 or more
Size of tracheostomy data point refers to the internal diameter in mm.

Cuffed or uncuffed tracheostomy: Cuffed/ Uncuffed

Resident Involvement: Yes/ No

Intraoperative blood loss (cc's):

Intraoperative crystalloid given (cc's):

Intraoperative blood products: Yes/ No

Fluid balance after procedure
Calculate this from the intraoperative intakes and outputs

Paralytic for procedure? Yes/No
If any paralytic was given (e.g. succinylcholine, rocuronium, etc.) please mark 'Yes'.

Intra-operative complications? Yes/ No
Please make note of any complications, please reach out if there is a severe and possibly related serious adverse event (please section above for serious adverse events).

Tube feed: Start/Stop

We would like to capture all starts and stops for tube feedings as of the time of consent up until the end of the study (postoperative day 7). Any interruption greater than one hour is of potential interest.

Study Day: Pre-op day
Post-op day 1
Post-op day 2

If the tracheostomy did not occur quickly after enrollment, there may be a few days that count as “pre-op day”. Note that “pre-op day” really means pre-op day and post-op day 0. Post-op day 1 does not start until 0700 the next day. The study ends at 0700 i.e. when the 8th day would start.

TF (Tube Feed) Stopped:	Date and time
Reason for TF Stopped?	Anticipated Trach Anticipated Procedure Ileus/feeding intolerance Aspiration Other

Please make note of any other reasons for tube feed interruption in the research file.

TF Resumed:	Date and time
Reason for TF resumed?	Trach completed Trach cancelled Procedure completed Procedure cancelled Ileus/feeding intolerance resolved Concern for aspiration resolved Other

Please make note of any other reasons for tube feed resumed in the research file.

Tube feed hold duration	(Automatically calculated)
-------------------------	----------------------------

Tube feed: Volume

Again, you may have more than one pre-op day. The date of collection should start 0700 the day of consent so that each entry reflects a 24-hour period. We also ask for the type of tube feed and for the same information again if a second type of tube feed was used.

Study Day:	Pre-op day Post-op day 1 Post-op day 2
------------	--

Please make sure you start post-op day 1 at 0700 the next day after tracheostomy.

24-hr tube feed volume:	In ml
-------------------------	-------

We advise you to collect the volume data from the nursing flowsheet where the actual volume delivered from the feed pump (not the calculated one) is recorded.
The tube feed volume reflects a 24-hour period from 0700 to 0700.

Brand of tube feed:	Vital AF Vital HP Pivot Glucerna
---------------------	---

Jevity 1.5
 Osmolyte 1.2
 Osmolyte 1.5
 Nepro
 Vivonex
 Other

Please specify in the research file if other tube feed.

Second type of tube feeds on this day? Yes/ No
 You will then be prompted to fill in volume data for the second type of tube feed.

Postoperative variables

Explain any postoperative events, remember to reach out if anything serious and possible related. The post-operative ventilator settings are meant for immediately post-operatively (initial documentation of FiO₂). Ileus or feeding intolerance refers to anything noted within 24 hours post-operatively.

When did the patient arrive back in ICU after procedure? Date and time
 If the patient had the trach in the ICU, the end time of the procedure should be entered here.

Fluid Balance 24 hours after trach In ml
 The data and time in the box above serves as the starting point. 24 hours from that time is the requested fluid balance. e.g.: if the trach finished at 5pm (or the patient returned to the ICU at 5pm), the 24 hour balance should be calculated from 5pm at the end of the trach to 5pm the next day.

Antibiotics postoperatively: Yes/ No
 Antibiotics question asks if antibiotics are ordered immediately post-op.

New infiltrate on CXR @ 24 hours after surgery: Yes/ No
 New infiltrate on CXR @ 48 hours after surgery: Yes/ No
 Any CXR within the allotted period of time can be used. New infiltrate should be suspected based on radiology report and confirmed by the investigator. It is preferable to write a small note.

Reoperation within 48 hours: Yes/ No
 Reoperation can be related or unrelated, all count.

Immediate postop event:
 MI
 CVA
 Reintubation
 Reoperation
 Cardiac arrest
 Death
 Other

Please explain any immediate adverse postop events. Please contact primary site investigator if any of these are both severe and potentially related to the study by the judgement of the local investigator.

Postoperative Ventilator Mode: Continuous mandatory ventilation (CMV)
Synchronized intermittent mandatory ventilation (SIMV)
Pressure controlled ventilation (PCV)
Volume controlled ventilation (VCV)
Pressure regulated volume control (PRVC)
Pressure support (PS)
Other

Continuous mandatory ventilation includes assists control modes. If ventilator mode is 'Other' please make note of the nature of said access in the patient's research file.

Postoperative FiO2: Percentage
Please include the number for FiO2 without percentage sign.

Postoperative PEEP: Number

Postoperative PaO2: From ABG

Please obtain PaO2 from postoperative ABG (Arterial Blood Gas) *closest* to time of tracheostomy

Enteral Access OG: Oro-gastric Tube
OD: Oro-duodenal Tube
NG: Naso-gastric Tube
ND: Nasoduodenal Tube
G-Tube: Gastric Tube
J-Tube: Jejunal Tube
Other: Includes Gastro-Jejunal tube

If Enteral Access is 'Other' please make note of the nature of said access in the patient's research file.

When were tube feeds started post operatively? Date and time

How long were feeds held for postoperatively? (Automatically Calculated)

Ileus or feeding intolerance with resumption of tube feeds? Yes/No

This is per the opinion of the treating team and/or any note or documentation about feeding tolerance.

Mortality/Serious Adverse Events

Did the patient die within 7 days of tracheostomy? Yes/ No

Did the patient have a serious adverse event that could be related to this study within 7 days? Yes/ No

If the patient had a serious adverse event that could be related to the study based on the adjudication of the primary investigator, please reach out to the primary site investigator.

Daily Update: 1 through 7

The variables requested will help calculate, pneumonia, lung injury, etc. Again, study day 1 refers to the 24 hour period that start after trach at 0700, and the same thereafter. If multiple data points are present, please pick the worst ones.

WBC Count	In thousands
PMN Percentage	Enter percentage (out of one 100) without %
T maximum (C)	Maximum temperature over 24 hours
New antibiotic	Yes/No
If new antibiotic, please fill out the name(s) of the antibiotic and the indication (pneumonia, intra-abdominal sepsis, UTI, sepsis, other, etc.)	

On ventilator today	Yes/No
Please indicate yes if they were on the ventilator at all this 24 hour period.	

New infiltrate on CXR	Yes/No
You can use the same CXR for days 1 and 2 as you did in post-operative variables if they fall within the appropriate timeline. Please make sure to ask your investigator to confirm or deny any suspicion of new infiltrate.	

Respiratory sample	BAL Mini BAL Tracheal aspirate Sputum Induced Sputum
--------------------	--

Oral secretions characteristics	Mild Moderate Significant Thin Tan Purulent Tube feeds
---------------------------------	--

Do not forget to ask about secretions if the above is not clearly documented and write a note.

Is there redness at the tracheostomy site?	Yes/No
Is there purulence at the tracheostomy site?	Yes/No
Please look at tracheostomy if redness/ purulence are not clearly documented and make a note.	

Blood culture:	Yes/No
If yes, record blood culture bacterium. Note that this refers to the date the culture was done not the date the culture resulted.	

Urine culture:	Yes/No
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If yes, record urine culture bacterium, and quantification by CFU. Note that this refers to the date the culture was done not the date the culture resulted.

Nutrition

Enteral access:

OG: Orogastric Tube
 OD: Oroduodenal Tube
 NG: Nasogastric Tube
 ND: Nasoduodenal Tube
 G-Tube: Gastric Tube
 J-Tube: Jejunal Tube
 Other

If Enteral Access is 'Other' please make note of the nature of said access in the patient's research file.

Thromboembolism

DVT/PE Present

Yes/No

Please indicate location and treatment. In a note for the research file, please indicate if massive, sub-massive, lobar, segmental, or sub-segmental PE and all locations.

Please indicate DVT/ PE treatment (Lovenox, Fondaparinux, Heparin, No treatment)

If no treatment, please explain in a note in the research file. If an IVC filter was placed, please also indicate this in the note.

Renal

Creatinine

mg/dL

Please provide to the nearest tenth of a decimal.

Dialysis or CRRT

Yes/No

CT Imaging

New CT

Yes/No

If yes, please provide CT indication (monitor known pathology, concern for DVT/PE, concern for infection, concern for bleeding, other). Please write a brief note in research file if other.

Please include a brief summarized explanation of CT Result.

Mortality

Patient Death

Yes/No

If patient died, please evaluate cause of death if associated with primary disease or with a potential adverse event that could be related to study and evaluate with the investigator.