

Data Set Name: all_prevent_daily.sas7bdat

Num	Variable	Type	Len	Label
1	unfavorable	Num	8	Either (1) Deceased at 40 weeks, (2) inpatient on meds/O2/support at 40 weeks post-menstrual age, or (3) previously discharged prior to 40 weeks on meds/O2/support. '1' means yes unfavorable. '0' means favorable.
2	Subject_ID	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
3	mom	Num	8	Assigned pregnancy number cluster. This # is NOT related to the mother's 'Subject ID'
4	fold	Num	8	Fold used for 10 fold cross-validation, provided to allow repeat of analysis
5	sga	Num	8	1 means Less than 10th percentile birthweight for gestaional age. derived from the below 'fenton' variable <0.1
6	fenton	Num	8	Birthweight percentile, for gestaional age. Derived from [baby_weight] and [baby_gaweeks] and [baby_gadays] in REDCap and reference Fenton 2013 Preterm Growth Chart DOI: 10.1186/1471-2431-13-59
7	male	Num	8	Sex assigned at birth. '0' means female. NOTE: this is derived from from [baby_gender] in REDcap, but CODED DIFFERENTLY.
8	baby_multiple	Num	8	1 means baby was part of a multiple birth (i.e. twin, triplet or quad). '0' means single birth. This is identical to the REDCap variable of same name.
9	baby_temp	Num	8	the first temperature recorded at the first NICU admission, degrees Celsius. This is identical to the REDCap variable of same name.
10	race_aa	Num	8	1 means the baby was assigned to be african american based on the mother's self reported race, or if [demog_mrace] is missing then it is based on the baby's medical record [baby_race]. 0 means not reported as african american, or missing data.
11	hispanic	Num	8	1 means hispanic Ethnicity based on the mother's self reported ethnicity [demog_methnicity] = 1, or if that is missing then based on the baby's medical record [baby_ethnicity] =1. '0' means non-hispanic or missing data.
12	bwt_nonlinear	Num	8	Recursive cubic spline term, as used in Frank Harrel's 2001 'Regression Modeling Strategies' alogrithm
13	day	Num	8	Chronological age in days (day 0 is the date of birth), derived from DOB and date of current day in redcap.
14	imv	Num	8	NOTE: this is derived from from [posair_ynunk] in REDcap, but CODED DIFFERENTLY. Was Positive Airway Pressure with Endotracheal Tube used today? Yes =1. '0' means no or missing data.
15	pospres	Num	8	Non-invasive positive pressure NIMV/CPAP
16	fio2	Num	8	this is identical to [suppox_conc] in REDCap. If supplemental oxygen was given today, what was the concentration of supplemental oxygen at 1200 (Noon) today? Unit is %. Concentration will be 21% if no supplemental oxygen was given today.
17	fio2_high	Num	8	1 if concentration closest to noon was greater than 30%. This is dervide from [suppox_conc] in REDcap
18	suppox	Num	8	Did the baby receive any supplemental oxygen today? '1' means yes. '0' means no or missing data.
19	suppox_long	Num	8	If supplemental oxygen was given today, how long was it used for? '1' means more than 12 hours. '0' means less than 12 hours or missing data.
20	crm	Num	8	percentage of time of vital signs collected during the 24 hour period
21	crm_study	Num	8	1 means > 12 hours of data collected (>50% of time of vital signs collected)
22	apnea_count	Num	8	raw number of apnea events longer than 20s defined using the apnea detection algorithm per day
23	apnea_dur	Num	8	total Duration of all apnea events in minutes summed throughout that day

Num	Variable	Type	Len	Label
24	apnea_dpe	Num	8	mean duration per apnea event on that given day
25	pb_count	Num	8	raw number of periodic breathing events longer than 20s defined using the periodic breathing detection algorithm per day
26	pb_dur	Num	8	total Duration of all periodic breathing events in minutes summed throughout that day
27	pb_dpe	Num	8	mean duration in seconds per periodic breathing event on that given day
28	ih80_count	Num	8	raw number of intermittent hypoxemia events between 10 seconds and 300 seconds duration, detected by SpO2 lower than 80%
29	ih80_dur	Num	8	total Duration of all ih80 events in minutes summed throughout that day
30	ih80_dpe	Num	8	mean duration in seconds per ih80 event on that given day
31	ih90_count	Num	8	raw number of intermittent hypoxemia events between 10 seconds and 300 seconds duration, detected by SpO2 lower than 90%
32	ih90_dur	Num	8	total Duration of all ih90 events in minutes summed throughout that day
33	ih90_dpe	Num	8	mean duration in seconds per ih90 event on that given day
34	brady_count	Num	8	raw number of bradycardia events events greater than 5 seconds duration, detected by heart rate lower than 80 beats per minute
35	brady_dur	Num	8	total Duration of all brady events in minutes summed throughout that day
36	brady_dpe	Num	8	mean duration in seconds per brady event on that given day
37	med_steroid	Num	8	1 if baby was on steroids that day
38	med_diuretic	Num	8	1 if baby was on diuretics that day
39	med_sedatives	Num	8	1 if baby was on sedatives that day
40	med_surfactant	Num	8	1 if baby was on surfactant that day
41	med_hydrocortisone	Num	8	1 if baby was on hydrocortisone that day
42	med_caffeine	Num	8	1 if baby was on caffeine that day
43	med_opiates	Num	8	1 if baby was on opiates that day
44	average_imv	Num	8	Percentage stay on imv (day=0, 1, ..., day-1). on any given day, the percentage of days that the baby had been on imv on all previous day. This is derived directly from the 'imv' variable listed above.
45	average_pospres	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. This is derived directly from the 'pospres' variable listed above.
46	average_fio2	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. This is derived directly from the 'fio2' variable listed above.
47	average_fio2_high	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. This is derived directly from the 'fio2_high' variable listed above.
48	average_suppo	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. This is derived directly from the 'suppo' variable listed above.
49	average_suppo_long	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. This is derived directly from the 'suppo_long' variable listed above.
50	average_ih80_count	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Excludes days when crm_study is '0'.

Num	Variable	Type	Len	Label
51	average_ih80_dur	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
52	average_ih80_dpe	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
53	average_ih90_count	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
54	average_ih90_dur	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
55	average_ih90_dpe	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
56	average_brady_count	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
57	average_brady_dur	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
58	average_brady_dpe	Num	8	Average value (day=0, 1, ..., day-1). on any given day, the average value of the variable on all days up to (not including) the given day. Exlcudes days when crm_study is '0'.
59	sum_imv	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on imv. This is derived directly from the 'imv' variable listed above.
60	sum_pospres	Num	8	Sum of days (day=0, 1, ..., day-1). This is derived directly from the 'pospres' variable listed above.
61	sum_fio2_high	Num	8	Sum of days (day=0, 1, ..., day-1). This is derived directly from the 'fio2_high' variable listed above.
62	sum_suppoX	Num	8	Sum of days (day=0, 1, ..., day-1). This is derived directly from the 'suppoX' variable listed above.
63	sum_suppoX_long	Num	8	Sum of days (day=0, 1, ..., day-1). This is derived directly from the 'suppoX_long' variable listed above.
64	sum_crm	Num	8	average of all the daily percentages (day=0, 1, ..., day-1). This is derived directly from the 'crm' variable listed above.
65	sum_crm_study	Num	8	Sum of days (day=0, 1, ..., day-1). This is derived directly from the 'crm_study' variable listed above.
66	sum_med_steroid	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on steroids. This is derived directly from the 'med_steroid' variable listed above.
67	sum_med_diuretic	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on diuretics. This is derived directly from the 'med_diuretic' variable listed above.
68	sum_med_sedatives	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on sedatives. This is derived directly from the 'med_sedatives' variable listed above.
69	sum_med_surfactant	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on surfactant. This is derived directly from the 'med_surfactant' variable listed above.
70	sum_med_hydrocortisone	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on hydrocortisone. This is derived directly from the 'med_hydrocortisone' variable listed above.
71	sum_med_caffeine	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on caffeine. This is derived directly from the 'med_caffeine' variable listed above.
72	sum_med_opiates	Num	8	Sum of days (day=0, 1, ..., day-1). sum of days on opiates. This is derived directly from the 'med_opiates' variable listed above.
73	noimv_apnea_count	Num	8	raw number of apnea events longer than 20s defined using the apnea detection algorithm per day, set to '0' if baby was on imv that day

Num	Variable	Type	Len	Label
74	noimv_apnea_dur	Num	8	total Duration of all apnea events in minutes summed throughout that day, set to '0' if baby was on imv that day
75	noimv_apnea_dpe	Num	8	mean duration per apnea event on that given day. set to '0' if baby was on imv that day
76	noimv_pb_count	Num	8	raw number of periodic breathing events longer than 20s defined using the periodic breathing detection algorithm per day , set to '0' if baby was on imv that day
77	noimv_pb_dur	Num	8	total Duration of all periodic breathing events in minutes summed throughout that day, set to '0' if baby was on imv that day
78	noimv_pb_dpe	Num	8	mean duration in seconds per periodic breathing event on that given day. set to '0' if baby was on imv that day

Data Set Name: *outcomes_all.sas7bdat*

Num	Variable	Type	Len	Label
1	Subject_ID	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	unfavorable	Num	8	Primary outcome
3	sga	Num	8	1 means Less than 10th percentile birthweight for gestaional age. derived from the below 'fenton' variable <0.1
4	fenton	Num	8	Birthweight percentile, for gestaional age. Derived from [baby_weight] and [baby_gaweeks] and [baby_gadays] in REDCap and reference Fenton 2013 Preterm Growth Chart DOI: 10.1186/1471-2431-13-59
5	male	Num	8	Sex assigned at birth. '0' means female. NOTE: this is derived from from [baby_gender] in REDcap, but CODED DIFFERENTLY.
6	medsonly_b40	Num	8	derived from multiple REDCap fields. 1 indicates baby was on inhaled/oral/intravenous respiratory medications but not on not on oxygen, not on other flow/pressure respiratory support. and discharged before 40w
7	supponly_b40	Num	8	derived from multiple REDCap fields. 1 indicates baby was on on oxygen and/or other flow/pressure but not on inhaled/oral/intravenous respiratory medications. and discharged before 40w
8	suppmedsboth_b40	Num	8	derived from multiple REDCap fields. 1 indicates baby was on inhaled/oral/intravenous respiratory medications AND (on oxygen and/or other flow/pressure respiratory support) . and discharged before 40w
9	medsonly_a40	Num	8	derived from multiple REDCap fields. 1 indicates baby was on inhaled/oral/intravenous respiratory medications but not on not on oxygen, not on other flow/pressure respiratory support. and discharged before 40w
10	supponly_a40	Num	8	derived from multiple REDCap fields. 1 indicates baby was on on oxygen and/or other flow/pressure but not on inhaled/oral/intravenous respiratory medications and discharged before 40w
11	suppmedsboth_a40	Num	8	derived from multiple REDCap fields. 1 indicates baby was on inhaled/oral/intravenous respiratory medications AND (on oxygen and/or other flow/pressure respiratory support) and discharged before 40w
12	died_b40	Num	8	Death before or at 40 weeks PMA.derived from multiple REDCap fields. 1 indicates known to be deceased in NICU before age 40 weeks, i.e. died before discharge
13	none_b40	Num	8	Favorable and discharge before 40w
14	none_a40	Num	8	Favorable and discharge after 40w
15	moderate_bpd	Num	8	Moderate or Severe BPD (NICHD Definition) Need for any oxygen at 36 wk or discharge, whichever comes first. Survivors only.
16	severe_bpd_nichd	Num	8	Severe BPD (NICHD definition) Need for >=30% oxygen and/or positive pressure (PPV or NCPAP) at 36 wk or discharge, whichever comes first. 36w survivors only.
17	severe_bpd_jensen	Num	8	Severe BPD (Jensen definition) Invasive mechanical ventilation at 36 weeks postmenstrual age. Survivors only.
18	high_unfavor	Num	8	Highly unfavorable outcome â€“ death or IMV at 40w PMA
19	moderate_unfavor	Num	8	Moderately unfavorable outcome â€“ noninvasive positive pressure at 40w PMA
20	mild_unfavor	Num	8	Mildly unfavorable outcome â€“ nasal cannula or only medications at 40w PMA, or discharged home on meds or oxygen prior to 40w
21	days_respsupp	Num	8	Days on respiratory support (IMV or CPAP or O2) through discharge or 40w. 40w survivors only
22	days_mechvent	Num	8	Days on mechanical ventilation through discharge or 40w. 40w survivors only

Num	Variable	Type	Len	Label
23	pulmdx_any	Num	8	Pulmonary hypertension dx>34w (echocardiography proven) through discharge up to 40w. 40w survivors only.
24	any_ivh	Num	8	Any IVH (Grades 1-4) Y/N through exit or 36w PMA
25	severe_ivh	Num	8	Severe IVH (Grades 3 or 4) Y/N through exit or 36w PMA
26	any_pvl	Num	8	Periventricular leukomalacia (PVL) Y/N through exit or 36w PMA
27	any_phh	Num	8	Post-hemorrhagic hydrocephalus Y/N through exit or 36w PMA
28	any_rop	Num	8	ROP: Any stage/zone Y/N through exit or 40w
29	severe_rop	Num	8	ROP: Severe (needing laser/Avastin/surgery) Y/N through exit or 40w
30	any_pda	Num	8	PDA: Any (diagnosed on echocardiography) Y/N through exit up to 40w
31	pda_med	Num	8	PDA: diagnosed through exit up to 40w and medically treated with indomethacin/ibuprofen/acetaminophen Y/N (%; n/N) through exit up to 52w
32	pda_sur	Num	8	PDA: surgically ligated or cardiac cath closure Y/N through exit up to 40w
33	nec_med	Num	8	NEC: Medical (Stage II or III) Y/N (%; n/N) through exit or 40w
34	nec_sur	Num	8	NEC: Surgical (Stage II or III) Y/N (%; n/N) through exit or 40w
35	any_perf	Num	8	Spontaneous intestinal perforation (%; n/N) through exit or 40w
36	dc_weight40_pctl	Num	8	Discharge weight (g) percentile at exit or 52w. 40w survivors only
37	dc_length40_pctl	Num	8	Discharge length (cm) percentile at exit or 52w. 40w survivors only
38	dc_circum40_pctl	Num	8	Discharge head circumference (cm) percentile at exit or 52w. 40w survivors only

Data Set Name: *outcomes_ivh.sas7bdat*

Num	Variable	Type	Len	Label
1	Subject_ID	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	unfavorable	Num	8	Primary outcome
3	male	Num	8	Sex assigned at birth. '0' means female. NOTE: this is derived from from [baby_gender] in REDcap, but CODED DIFFERENTLY.
4	days_respsupp	Num	8	Days on respiratory support (IMV or CPAP or O2) through discharge or 40w. 40w survivors only
5	days_mechvent	Num	8	Days on mechanical ventilation through discharge or 40w. 40w survivors only
6	pulmdx_any	Num	8	Pulmonary hypertension dx>34w (echocardiography proven) through discharge up to 40w. 40w survivors only.
7	any_ivh	Num	8	Any IVH (Grades 1-4) Y/N through exit or 36w PMA
8	severe_ivh	Num	8	Severe IVH (Grades 3 or 4) Y/N through exit or 36w PMA
9	any_pvl	Num	8	Periventricular leukomalacia (PVL) Y/N through exit or 36w PMA
10	any_phh	Num	8	Post-hemorrhagic hydrocephalus Y/N through exit or 36w PMA
11	any_rop	Num	8	ROP: Any stage/zone Y/N through exit or 40w
12	severe_rop	Num	8	ROP: Severe (needing laser/Avastin/surgery) Y/N through exit or 40w
13	any_pda	Num	8	PDA: Any (diagnosed on echocardiography) Y/N through exit up to 40w
14	pda_med	Num	8	PDA: diagnosed through exit up to 40w and medically treated with indomethacin/ibuprofen/acetaminophen Y/N (%; n/N) through exit up to 52w
15	pda_sur	Num	8	PDA: surgically ligated or cardiac cath closure Y/N through exit up to 40w
16	nec_med	Num	8	NEC: Medical (Stage II or III) Y/N (%; n/N) through exit or 40w
17	nec_sur	Num	8	NEC: Surgical (Stage II or III) Y/N (%; n/N) through exit or 40w
18	any_perf	Num	8	Spontaneous intestinal perforation (%; n/N) through exit or 40w

Data Set Name: *outcomes_survivors.sas7bdat*

Num	Variable	Type	Len	Label
1	Subject_ID	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	unfavorable	Num	8	Primary outcome
3	sga	Num	8	1 means Less than 10th percentile birthweight for gestational age. derived from the below 'fenton' variable <0.1
4	fenton	Num	8	Birthweight percentile, for gestational age. Derived from [baby_weight] and [baby_gaweeks] and [baby_gadays] in REDCap and reference Fenton 2013 Preterm Growth Chart DOI: 10.1186/1471-2431-13-59
5	male	Num	8	Sex assigned at birth. '0' means female. NOTE: this is derived from from [baby_gender] in REDcap, but CODED DIFFERENTLY.
6	died_b40	Num	8	Death before or at 40 weeks PMA.derived from multiple REDCap fields. 1 indicates known to be deceased in NICU before age 40 weeks, i.e. died before discharge
7	moderate_bpd	Num	8	Moderate or Severe BPD (NICHD Definition) Need for any oxygen at 36 wk or discharge, whichever comes first. Survivors only.
8	severe_bpd_nichd	Num	8	Severe BPD (NICHD definition) Need for >=30% oxygen and/or positive pressure (PPV or NCPAP) at 36 wk or discharge, whichever comes first. 36w survivors only.
9	severe_bpd_jensen	Num	8	Severe BPD (Jensen definition) Invasive mechanical ventilation at 36 weeks postmenstrual age. Survivors only.
10	high_unfavor	Num	8	Highly unfavorable outcome â€“ death or IMV at 40w PMA
11	moderate_unfavor	Num	8	Moderately unfavorable outcome â€“ noninvasive positive pressure at 40w PMA
12	mild_unfavor	Num	8	Mildly unfavorable outcome â€“ nasal cannula or only medications at 40w PMA, or discharged home on meds or oxygen prior to 40w
13	days_respsupp	Num	8	Days on respiratory support (IMV or CPAP or O2) through discharge or 40w. 40w survivors only
14	days_mechvent	Num	8	Days on mechanical ventilation through discharge or 40w. 40w survivors only
15	pulmdx_any	Num	8	Pulmonary hypertension dx>34w (echocardiography proven) through discharge up to 40w. 40w survivors only.
16	any_ivh	Num	8	Any IVH (Grades 1-4) Y/N through exit or 36w PMA
17	severe_ivh	Num	8	Severe IVH (Grades 3 or 4) Y/N through exit or 36w PMA
18	any_pvl	Num	8	Periventricular leukomalacia (PVL) Y/N through exit or 36w PMA
19	any_phh	Num	8	Post-hemorrhagic hydrocephalus Y/N through exit or 36w PMA
20	any_rop	Num	8	ROP: Any stage/zone Y/N through exit or 40w
21	severe_rop	Num	8	ROP: Severe (needing laser/Avastin/surgery) Y/N through exit or 40w
22	any_pda	Num	8	PDA: Any (diagnosed on echocardiography) Y/N through exit up to 40w
23	pda_med	Num	8	PDA: diagnosed through exit up to 40w and medically treated with indomethacin/ibuprofen/acetaminophen Y/N (%; n/N) through exit up to 52w
24	pda_sur	Num	8	PDA: surgically ligated or cardiac cath closure Y/N through exit up to 40w
25	nec_med	Num	8	NEC: Medical (Stage II or III) Y/N (%; n/N) through exit or 40w
26	nec_sur	Num	8	NEC: Surgical (Stage II or III) Y/N (%; n/N) through exit or 40w
27	any_perf	Num	8	Spontaneous intestinal perforation (%; n/N) through exit or 40w
28	dc_weight40_pctl	Num	8	Discharge weight (g) percentile at exit or 52w. 40w survivors only
29	dc_length40_pctl	Num	8	Discharge length (cm) percentile at exit or 52w. 40w survivors only

Num	Variable	Type	Len	Label
30	dc_circum40_pctl	Num	8	Discharge head circumference (cm) percentile at exit or 52w. 40w survivors only

Data Set Name: *physiologic_data.sas7bdat*

Num	Variable	Type	Len	Label
1	Subject_ID	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	day	Num	8	Chronological age in days (day 0 is the date of birth), derived from DOB and date of current day in redcap.
3	imv	Num	8	NOTE: this is derived from from [posair_ynunk] in REDcap, but CODED DIFFERENTLY. Was Positive Airway Pressure with Endotracheal Tube used today? Yes =1. '0' means no or missing data.
4	pospres	Num	8	Non-invasive positive pressure NIMV/CPAP
5	PeriodicBreathing_0_inf_event_co	Num	8	raw number of periodic breathing events defined using the periodic breathing detection algorithm per day . See DOI: 10.1164/rccm.202210-1971OC for definiton of PB event
6	PeriodicBreathing_0_inf_event_du	Num	8	total Duration of all periodic breathing events in seconds summed throughout that day
7	PeriodicBreathing_0_inf_avail_du	Num	8	total Duration of all breathing data available in seconds throughout that day
8	PeriodicBreathing_0_inf_dpe	Num	8	mean duration in seconds per periodic breathing event on that given day.
9	Brady_80_5_inf_event_count	Num	8	raw number of bradycardia events defined using the bradycardia detection algorithm per day . See DOI: 10.1164/rccm.202210-1971OC for definiton of event
10	Brady_80_5_inf_event_dur_sec	Num	8	total Duration of all bradycardia events in seconds summed throughout that day
11	Brady_80_5_inf_avail_dur_sec	Num	8	total Duration of all cardiac data available in seconds throughout that day
12	Brady_80_5_inf_dpe	Num	8	mean duration in seconds per bradycardia event on that given day.
13	Desat_80_10_300_event_count	Num	8	raw number of desaturation events defined using the desaturation detection algorithm per day . See DOI: 10.1164/rccm.202210-1971OC for definiton of event
14	Desat_80_10_300_event_dur_sec	Num	8	total Duration of all desaturation events in seconds summed throughout that day
15	Desat_80_10_300_avail_dur_sec	Num	8	total Duration of all oxygen saturation available in seconds throughout that day
16	Desat_80_10_300_dpe	Num	8	mean duration in seconds per desaturation event on that given day.
17	Desat_90_10_300_event_count	Num	8	raw number of desaturation events defined using the desaturation detection algorithm per day . See DOI: 10.1164/rccm.202210-1971OC for definiton of event
18	Desat_90_10_300_event_dur_sec	Num	8	total Duration of all desaturation events in seconds summed throughout that day
19	Desat_90_10_300_avail_dur_sec	Num	8	total Duration of all oxygen saturation available in seconds throughout that day
20	Desat_90_10_300_dpe	Num	8	mean duration in seconds per desaturation event on that given day.
21	Apnea_20_inf_event_count	Num	8	raw number of apnea events defined using the apnea detection algorithm per day . See DOI: 10.1164/rccm.202210-1971OC for definiton of event
22	Apnea_20_inf_event_dur_sec	Num	8	total Duration of all apnea events in seconds summed throughout that day
23	Apnea_20_inf_avail_dur_sec	Num	8	total Duration of all breathing data available in seconds throughout that day
24	Apnea_20_inf_dpe	Num	8	mean duration in seconds per apnea event on that given day.

Data Set Name: redcap_52w.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	14	The name of the visit in the redcap longitudinal database structure
3	redcap_repeat_instrument	Char	1	The name of the form
4	redcap_repeat_instance	Char	1	The number of the repeat of a repeating form in the redcap repeating forms structure
5	comp52w	Num	8	Was the 52 week visit completed?
6	nd52w	Num	8	If no, indicate reason why visit was not conducted (Please select only one reason):
7	meds52w	Num	8	Is the baby currently receiving any medication?
8	yesmeds52w__1	Num	8	Current medications (select all that apply): Gastroesophageal Reflux (GERD) Medications
9	yesmeds52w__2	Num	8	Current medications (select all that apply): Antibiotics
10	yesmeds52w__3	Num	8	Current medications (select all that apply): Seizure Medications
11	yesmeds52w__4	Num	8	Current medications (select all that apply): Xanthines (caffeine or theophylline)
12	yesmeds52w__5	Num	8	Current medications (select all that apply): Diuretics (Lasix, Diuril, or other medications for fluid)
13	yesmeds52w__6	Num	8	Current medications (select all that apply): Other(s)
14	meds52wother	Char	141	Other meds (list):
15	respsup52w__1	Num	8	Is the baby currently receiving any respiratory support: Ventilator
16	respsup52w__2	Num	8	Is the baby currently receiving any respiratory support: CPAP or BiPAP
17	respsup52w__3	Num	8	Is the baby currently receiving any respiratory support: Nasal SIMV (getting ventilator breaths through the nose)
18	respsup52w__4	Num	8	Is the baby currently receiving any respiratory support: Nasal Cannula
19	respsup52w__5	Num	8	Is the baby currently receiving any respiratory support: Oxygen Therapy (with any device)
20	respsup52w__6	Num	8	Is the baby currently receiving any respiratory support: Tracheotomy tube or breathing tube
21	respsup52w__7	Num	8	Is the baby currently receiving any respiratory support: Breathing or heart rate monitor
22	respsup52w__8	Num	8	Is the baby currently receiving any respiratory support: None
23	nasalcan	Num	8	If yes, Nasal Cannula, what flow:
24	fi02	Num	8	If yes, oxygen therapy (with any device), FiO2:
25	oralfeeds	Num	8	Is the baby receiving full oral feeds (by mouth)?
26	entera_feeds	Num	8	Is the baby receiving enteral feeds (feeds into stomach or intestines)?
27	parnutrition	Num	8	Is the baby receiving parenteral (intravenous, IV, central line) nutrition?
28	ngtube	Num	8	Does the baby have an NG Tube (nasogastric feeding tube)?
29	gtube	Num	8	Does the baby have a G-Tube (gastrostomy tube into stomach for feeding)?
30	hosp52w	Num	8	Does the baby remain in the hospital? If no, proceed to section II. If yes, stop here.
31	eczemadc	Num	8	Since discharge, has your baby ever had eczema?

Num	Variable	Type	Len	Label
32	allergxdc	Num	8	Since discharge, has a doctor ever said your baby has had an allergic reaction to anything?
33	whzcsdc	Num	8	Since discharge, has your baby ever had wheezing or wheezing in the chest?
34	sobdc	Num	8	If yes: Has your baby ever had an attack of wheezing that caused him/her to be short of breath?
35	wztxdc	Num	8	If yes: Has he/she ever required treatment for these attacks?
36	wzcold	Num	8	If yes, does your baby's chest ever sound wheezy or whistling when he/she has a cold?
37	wzbtwcolds	Num	8	If yes: Does your baby's chest ever sound wheezy or whistling apart from colds?
38	sleepdisturb	Num	8	Since our last interview/discharge, how often, on average, has your child's sleep been disturbed due to wheezing?
39	episwzdc	Num	8	How many attacks or episodes of wheezing has your baby had since his/her initial discharge from the hospital?
40	drycoughpm	Num	8	Since discharge, has your baby had a dry cough at night, apart from a cough associated with a cold or chest infection?
41	ribronch	Num	8	Since discharge, has your baby had a respiratory infection, such as a cold, bronchiolitis, bronchitis, or pneumonia?
42	rsvdx	Num	8	Since discharge, has your baby been diagnosed with RSV, or Respiratory Syncytial Virus?
43	rsvshots	Num	8	Since discharge, has your baby had RSV shots to prevent Respiratory Syncytial Virus (Synagis, Palivizumab, RSV shot)?
44	flushot	Num	8	Since discharge, has your baby had a flu shot?
45	brthmed	Num	8	Since discharge, has your baby taken medication for his/her breathing?
46	brthmedsyses__1	Num	8	If yes, which medications: Oral or inhaled bronchodilator (Albuterol, Proair, Proventil Serevent, Ventolin, Volmax, Xopenex)
47	brthmedsyses__2	Num	8	If yes, which medications: Mast Cell Inhibitor (Cromolyn, Intal, Nedocromil, Tilade)
48	brthmedsyses__3	Num	8	If yes, which medications: Inhaled Steroid (Advair, Aerobid, Azmacort, Beclovent, Flovent, Pulmicort, Vanceril)
49	brthmedsyses__4	Num	8	If yes, which medications: Leukotriene Inhibitor (Singulair, Motelukast)
50	brthmedsyses__5	Num	8	If yes, which medications: Xanthines
51	brthmedsyses__6	Num	8	If yes, which medications: Diuretics
52	brthmedsyses__7	Num	8	If yes, which medications: Other
53	brthmedsothr	Char	43	other/list:
54	steroidmouth	Num	8	Since discharge, has your baby taken steroids by mouth (such as prednisone, prednisolone, Orapred, prelone, decadron, dexamethasone, or hydrocortisone) for his/her breathing?
55	dcadmit	Num	8	Since discharge, has your baby been admitted to the hospital?
56	admitnbr	Num	8	If yes, how many times?
57	brthrespnbr	Num	8	If yes, number of times for breathing/respiratory problems:
58	bluespbrth	Num	8	If yes, number of times for turning blue or stopping to breathe:
59	ervisit	Num	8	Since discharge, has your baby been seen in the emergency room?
60	erdc	Num	8	If yes, how many times?
61	erbrthresp	Num	8	If yes, number of times for breathing/respiratory problems:

Num	Variable	Type	Len	Label
62	erbluestp	Num	8	If yes, number of times for turning blue or stopping to breathe:
63	dcpedvisit	Num	8	Since discharge, has your baby been seen by his/her pediatrician for being sick?
64	pednbr	Num	8	If yes, how many times?
65	dcpedsrsp	Num	8	If yes, number of times for breathing/respiratory problems:
66	dcpedsblue	Num	8	If yes, number of times for turning blue or stopping to breathe:
67	dcbstmilk	Num	8	Since discharge, has your baby received any mother's breast milk either at breast, from a bottle or through a tube?
68	dcbmfding	Num	8	If yes, for how many months did your baby receive any breast milk for more than half of the feeding?
69	nbrhome	Num	8	How many people live in the home?
70	under5home	Num	8	How many children under 5 years old live in the home?
71	petshome	Num	8	Are there dogs, cats, or other furry pets in the household?
72	daycare	Num	8	Does your baby receive regulatory daycare (at least once a week) outside the home?
73	daycarekids	Num	8	If yes, are there children that are not siblings also at the outside day care site?
74	disrupt	Num	8	How much does your baby's health and healthcare needs disrupt your own lifestyle or other planned activities (for example, ability to attend work or school)?
75	biorepository_questionnaires_52_	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
76	questdt52w_days	Num	8	Date of Questionnaire, recoded as days since birth

Data Set Name: redcap_baseline.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	14	The name of the visit in the redcap longitudinal database structure
3	redcap_repeat_instrument	Char	11	The name of the form
4	redcap_repeat_instance	Num	8	The number of the repeat of a repeating form in the redcap repeating forms structure
5	inclusion_ga	Num	8	Was the baby's gestational age (GA) less than 29 weeks?
6	inclusion_monitor	Num	8	Was the baby admitted to the NICU with access to a cardiorespiratory monitor capable of storing data for Pre-Vent?
7	inclusion_storage	Num	8	Did storage of monitoring data begin (or will begin) before 7 days of chronological age?
8	exclusion_survival	Num	8	Is the baby unlikely to survive, or has there been a decision not to pursue full care?
9	exclusion_major	Num	8	Does the baby have a known major congenital or chromosomal anomaly?
10	confirmation_of_eligibility_comp	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
11	demog_mageunk	Num	8	Is the mother's age known?
12	demog_mage	Char	5	Mother's age
13	demog_methnicity	Num	8	Mother's Ethnicity
14	demog_mrace	Char	9	Mother's Race
15	demog_fethnicity	Num	8	Father's Ethnicity
16	demog_frace	Char	10	Father's Race
17	pgmxhx	Num	8	Diabetes prior to pregnancy
18	diabetes_gest	Num	8	Gestational Diabetes (diagnosed during pregnancy)
19	htn_hx	Num	8	Hypertension
20	htn_priorpg	Num	8	If yes, hypertension existed prior to pregnancy
21	ant_hx	Num	8	Antepartum hemorrhage
22	chorio_hx	Num	8	Chorioamnionitis
23	placentapath	Num	8	If Chorioamnionitis, was Placental Pathology obtained?
24	histochorio_doc	Num	8	If Placental Pathology obtained, histologic chorioamnionitis documented?
25	afunisisitdoc	Num	8	If Placental Pathology obtained, acute funisitis documented
26	astmahx	Num	8	Asthma during pregnancy
27	asthma_tx	Num	8	If yes, treatment given
28	asthmapgprolong	Num	8	Medications to prolong pregnancy
29	medstakenpgpreg__1	Num	8	If yes, medications to prolong pregnancy: Progesterone
30	medstakenpgpreg__2	Num	8	If yes, medications to prolong pregnancy: Cyclooxygenase inhibitor (Indocin)
31	medstakenpgpreg__3	Num	8	If yes, medications to prolong pregnancy: Oral betamimetics
32	medstakenpgpreg__4	Num	8	If yes, medications to prolong pregnancy: Calcium Channel Blockers

Num	Variable	Type	Len	Label
33	medstakenpgpreg__6	Num	8	If yes, medications to prolong pregnancy: Magnesium Sulfate
34	medstakenpgpreg__5_OR_medstaken	Num	8	If yes, medications to prolong pregnancy: Oxytocin receptor antagonist or Other
35	m_smokehx	Num	8	Did mother smoke tobacco products during pregnancy?
36	m_smokeppdunk	Num	8	Is the number of packs per day known?
37	m_smokeppd	Num	8	If yes, packs per day:
38	m_smokevapehx	Num	8	Did mother use e-cigarettes (vaping) during pregnancy?
39	m_composite_drug	Char	53	Combined variables representing the following: drug other than marijuana (with or without marijuana) Marijuana/CBD alone Marijuana/CBD with or without opiate or sedative No opiates, sedatives or other illicit drugs Unknown
40	ld_membranes	Num	8	Rupture of membranes prior to delivery
41	membrane18hr	Num	8	If yes, estimated at >18 hours
42	membrane7d	Num	8	If yes, more than 7 days
43	steroids_admin	Num	8	Antenatal steroids given
44	antenatal_comp	Char	9	Total number of completed courses
45	antenatal_incomp	Char	7	Total number of incomplete courses
46	antibio_admin	Num	8	Maternal antibiotics given
47	antibio_reason__1	Num	8	If yes, why (check all that apply): Chorioamnionitis
48	antibio_reason__2	Num	8	If yes, why (check all that apply): Group B Streptococcus (GBS) prophylaxis
49	antibio_reason__3	Num	8	If yes, why (check all that apply): Preterm premature rupture of membranes (PPROM)
50	antibio_reason__4	Num	8	If yes, why (check all that apply): Other
51	antibio_reason__5	Num	8	If yes, why (check all that apply): Unknown
52	antibio_reasonother	Char	47	If reason antibiotics given is 'other', specify:
53	indic_delivery	Num	8	Indication for delivery
54	delivery_mode	Num	8	Mode of delivery
55	delivery_pres	Num	8	Presentation
56	parental_baseline_data_form_comp	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
57	baby_timeunk	Num	8	Is the baby's time of birth known?
58	baby_gaweeks	Char	9	What is the baby's gestational age (weeks)? For example, if 26 weeks 3 days, the answer here is 26.
59	method_ga	Num	8	Method used to determine reported gestational age
60	baby_gender	Num	8	What is the baby's gender?
61	baby_weight	Char	9	What is the baby's birth weight?
62	baby_lengthunk	Num	8	Is baby's birth length known?
63	baby_length	Char	10	What is the baby's birth length?
64	baby_headunk	Num	8	Is baby's birth head circumference known?
65	baby_head	Char	9	What is baby's birth head circumference?
66	baby_birthloc	Num	8	What was the baby's birth location?

Num	Variable	Type	Len	Label
67	baby_insurance	Num	8	What is the baby's primary health care insurance (select one)?
68	baby_multiple	Num	8	Was this a multiple birth?
69	studyid1	Num	8	Record the Study ID(s) of siblings enrolled in the Pre-Vent Multicenter core database (4 digit number):
70	studyid2	Num	8	Record the Study ID(s) of siblings enrolled in the Pre-Vent Multicenter core database (4 digit number):
71	stiduid3	Num	8	Record the Study ID(s) of siblings enrolled in the Pre-Vent Multicenter core database (4 digit number):
72	baby_ordermin	Char	9	If yes, indicate the baby's birth order
73	apgar1min_unk	Num	8	Was the APGAR score at 1 minute known?
74	apgar1min	Char	6	What was the APGAR score at 1 minute?
75	apgar5min_unk	Num	8	Was the APGAR score at 5 minutes known?
76	apgar5min	Char	8	What was the APGAR score at 5 minutes?
77	resuscit_options__1	Num	8	If yes, check all that apply: Supplemental Oxygen
78	resuscit_options__2	Num	8	If yes, check all that apply: CPAP
79	resuscit_options__3	Num	8	If yes, check all that apply: Non-invasive positive pressure ventilation
80	resuscit_options__4	Num	8	If yes, check all that apply: Intubation
81	resuscit_options__7	Num	8	If yes, check all that apply: Surfactant Administration
82	baby_temp	Num	8	What was the first temperature recorded at the first NICU admission?
83	temp_method	Num	8	Indicate how the temperature was obtained:
84	indomethacin_admin	Num	8	Was Prophylactic Indomethacin, ibuprofen, or acetaminophen given within the first 24 hours of life?
85	eteralfeeds_unk	Num	8	Did the baby ever reach full enteral feeds? (volume > or = 120 mg/kg/day)
86	OS_enteralfeeds_date	Num	8	If yes, first date that baby ever reached full enteral feeds (volume >or = 120 ml/kg/day)
87	fullpo_unk	Num	8	Did the baby ever reach full PO feeds?
88	OS_fullpo	Num	8	If yes, date of first full PO feeds (day after last day on NG)
89	baby_ethnicity	Num	8	Baby's Ethnicity
90	baby_race	Char	9	Baby's Race
91	baby_raceother	Char	1	If baby's race is 'other', please specify:
92	babys_baseline_data_form_complet	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
93	relationship_to_baby	Num	8	Relationship to baby
94	nucleic_acid	Num	8	Concentration of Nucleic Acid, measured by Nanodrop machine (ng/uL)
95	a260_a280	Num	8	ratio of Absorbance at wavelength 260 to absorbance at 280 - no unit
96	a260_a230	Num	8	ratio of Absorbance at wavelength 260 to absorbance at 230 - no unit
97	volume	Num	8	the volume in the vial (uL)
98	total	Num	8	calculated dry mass of nucleic acids (concentration times volume) (ug)
99	dna_quality_complete	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
100	OS_questiondt	Num	8	Date of this questionnaire:

Num	Variable	Type	Len	Label
101	hxfam	Num	8	An inpatient questionnaire has been completed for a sibling from the same pregnancy
102	OS_sibstudyid	Num	8	If yes, please enter the sibling's study ID (remainder of questionnaire will not be completed):
103	hxasthma	Num	8	Does anyone on either side of the baby's family have asthma?
104	reshipasthma__1	Num	8	If yes, what is their relationship to the baby? Check all that apply: Mother
105	reshipasthma__2	Num	8	If yes, what is their relationship to the baby? Check all that apply: Father
106	reshipasthma__3	Num	8	If yes, what is their relationship to the baby? Check all that apply: Sibling
107	reshipasthma__4	Num	8	If yes, what is their relationship to the baby? Check all that apply: Cousin, Aunt, Uncle or Grandparent
108	allerghx	Num	8	Does anyone on either side of the baby's family have allergies to food?
109	reshipallerg__1	Num	8	If yes, what is their relationship to the baby? Check all that apply: Mother
110	reshipallerg__2	Num	8	If yes, what is their relationship to the baby? Check all that apply: Father
111	reshipallerg__3	Num	8	If yes, what is their relationship to the baby? Check all that apply: Sibling
112	reshipallerg__4	Num	8	If yes, what is their relationship to the baby? Check all that apply: Cousin, Aunt, Uncle or Grandparent
113	pollenhx	Num	8	Does anyone on either side of the baby's family have hay fever or allergies to pollen?
114	reshippollen__1	Num	8	If yes, what is their relationship to the baby? Check all that apply: Mother
115	reshippollen__2	Num	8	If yes, what is their relationship to the baby? Check all that apply: Father
116	reshippollen__3	Num	8	If yes, what is their relationship to the baby? Check all that apply: Sibling
117	reshippollen__4	Num	8	If yes, what is their relationship to the baby? Check all that apply: Cousin, Aunt, Uncle or Grandparent
118	eczemahx	Num	8	Does anyone on either side of the baby's family have eczema?
119	reshipecz__1	Num	8	If yes, what is their relationship to the baby? Check all that apply: Mother
120	reshipecz__2	Num	8	If yes, what is their relationship to the baby? Check all that apply: Father
121	reshipecz__3	Num	8	If yes, what is their relationship to the baby? Check all that apply: Sibling
122	reshipecz__4	Num	8	If yes, what is their relationship to the baby? Check all that apply: Cousin, Aunt, Uncle or Grandparent
123	ageschild	Num	8	Are there older children?
124	sidhx	Num	8	Has there been any sudden infant deaths in your family, of babies less than one year old?
125	educmom	Num	8	Mother's Education:
126	educdad	Num	8	Father's Education:
127	smokenbr	Char	6	How many people in the household smoke?
128	smokeunk	Num	8	The number of people in the household that smoke is unknown.
129	snore	Num	8	Do you snore
130	snorefreq	Num	8	How often do you snore?
131	highbp	Num	8	Have you ever been told you had high blood pressure when you were not pregnant?
132	htmom	Char	7	What is your height:
133	htunk	Num	8	Height is unknown.

Num	Variable	Type	Len	Label
134	wtpreg	Char	7	What was your weight when you got pregnant?
135	wtunk	Num	8	Weight is unknown.
136	biorepository_questionnaires_inp	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
137	mx_hours	Num	8	Date and time of measurement recoded as number of hours since birth
138	sample_days	Num	8	Date of sample collection recoded as number of days since birth

Data Set Name: redcap_daily.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	13	The name of the visit in the redcap longitudinal database structure
3	redcap_repeat_instrument	Char	36	The name of the form
4	redcap_repeat_instance	Num	8	The number of the repeat of a repeating form in the redcap repeating forms structure
5	OS_dtresp	Num	8	Date of Respiratory Data Assessment
6	suppox_ynunk	Num	8	Did the baby receive any supplemental oxygen today?
7	suppox_long	Num	8	If supplemental oxygen was given today, how long was it used for?
8	suppox_conc	Num	8	If supplemental oxygen was given today, what was the concentration of supplemental oxygen at 1200 (Noon) today?
9	suppox_concyn	Num	8	The concentration of supplemental oxygen at Noon today is Unknown
10	suppox_nosupp	Num	8	Did the infant receive respiratory support without supplemental oxygen today?
11	posair_ynunk	Num	8	Was Positive Airway Pressure with Endotracheal Tube used today?
12	vent_mod	Num	8	If Positive Airway Pressure with Endotracheal Tube was used today, select ventilation mode
13	cmv_map	Num	8	If CMV, indicate Mean Airway Pressure (MAP):
14	cmv_peep	Num	8	If CMV, Positive End Expiratory Pressure (PEEP):
15	highfreq_map	Num	8	If High Frequency Oscillation, indicate Mean Airway Pressure (MAP):
16	highfreqjet_map	Num	8	If High Frequency Jet Ventilation, indicate Mean Airway Pressure (MAP):
17	nava_map	Num	8	If NAVA, indicate Mean Airway Pressure (MAP):
18	rate_bbm	Num	8	Ventilator Rate
19	norate	Num	8	Rate is N/A (no rate)
20	rateunk	Num	8	Rate is Unknown
21	resp_today	Num	8	Was Respiratory support without Endotracheal Tube used today?
22	endotube_mode	Num	8	If yes, indicate ventilation mode
23	nimv_map	Num	8	If NIMV, indicate Mean Airway Pressure (MAP)
24	nimv_peep	Num	8	If NIMV, indicate Positive End Expiratory Pressure (PEEP):
25	cpap_map	Num	8	If CPAP, indicate Mean Airway Pressure (MAP)
26	biphasiccpap_map	Num	8	If Biphasic CPAP, indicate Mean Airway Pressure (MAP)
27	nasalcan_flow	Num	8	If Nasal Cannula with flow, indicate Nasal Cannula flow rate
28	endotube_rate	Num	8	NIMV or biCPAP Rate
29	endotube_norate	Num	8	Rate is N/A (no rate)
30	emdptibe_unk	Num	8	Rate is Unknown
31	extub_ynunk	Num	8	Was the baby extubated or re-extubated today?
32	extub_plan	Num	8	If yes, was this extubation (choose one)
33	intub_ynunk	Num	8	Was the baby intubated or reintubated today?
34	intub_reason__1	Num	8	If yes, reason (check all that apply): apnea

Num	Variable	Type	Len	Label
35	intub_reason__2	Num	8	If yes, reason (check all that apply): hypercarbia/acidosis
36	intub_reason__3	Num	8	If yes, reason (check all that apply): for procedure
37	intub_reason__4	Num	8	If yes, reason (check all that apply): unknown
38	intub_reason__5	Num	8	If yes, reason (check all that apply): other/specify
39	intub_reasonother	Char	68	Other/specify (reason for intubation)
40	bloodgasynunk	Num	8	Was a blood gas obtained today?
41	c02bloodgas	Num	8	If yes, highest CO2 on blood gas
42	gasobtained	Num	8	If yes, blood gas obtained:
43	gas_ph	Num	8	pH associated with highest CO2 on blood gas
44	bedmove_today	Num	8	Was the baby moved to this current bed/monitor today?
45	monitoroption	Num	8	If yes, what Brand and Version of Monitor is this baby on today? Choose one:
46	monitornameother	Char	36	If other, please specify:
47	pulseoxbrand	Num	8	If yes, what Brand and Version of the Pulse-Ox is this baby on today? Choose one:
48	pulseoxotherspec	Char	37	If other, please specify:
49	daily_respiratory_data_form_19_w	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
50	bedmove_hours	Num	8	Closest approximated time of move to current bed/monitor, recoded as number of hours since birth
51	extub_hours	Num	8	Closest approximated time of extubation, recoded as number of hours since birth
52	intub_hours	Num	8	Closest approximated time of intubation, recoded as number of hours since birth

Data Set Name: redcap_exit1.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	23	The name of the visit in the redcap longitudinal database structure
3	redcap_repeat_instrument	Char	1	The name of the form
4	redcap_repeat_instance	Char	1	The number of the repeat of a repeating form in the redcap repeating forms structure
5	complete_yn	Num	8	Did the baby complete the Pre-Vent Multicenter Protocol?
6	exit_reason	Num	8	If yes, list reason for study exit:
7	study_exit_form_complete	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
8	dc_weight	Char	9	What is the baby's last measured weight at date closest to exit from study?
9	dc_length	Num	8	What is the baby's last measured length at date closest to exit from study?
10	dc_circum	Num	8	What is the baby's last measured head circumference at date closest to exit from study?
11	sp02value	Num	8	What was the SpO2 measured at that time?
12	fi02mx	Num	8	What was the FiO2 measured at that time?
13	last_flow_rate	Char	5	What was the flow rate measured at that time?
14	dc_apnea	Num	8	Did a clinically documented apnea or bradycardia occur in the 14 days prior to exit from study?
15	apnea_results__1	Num	8	If yes, what was documented (check all that apply): apnea
16	apnea_results__2	Num	8	If yes, what was documented (check all that apply): bradycardia
17	apnea_results__3	Num	8	If yes, what was documented (check all that apply): desaturation
18	chesttube_yn	Num	8	Was a chest tube placed at any point prior to exit from study?
19	chesttube_unk	Num	8	Is the chest tube date known?
20	pulm_hemyn	Num	8	Did the baby have any pulmonary hemorrhages at any point prior to study exit?
21	pda_dx	Num	8	Did the baby have a clinical diagnosis of Patent Ductus Arteriosis (PDA)?
22	pda_confirmed	Num	8	If clinical diagnosis of PDA, was the PDA confirmed by Echocardiogram?
23	pda_pharmtx	Num	8	If clinical diagnosis of PDA, did the baby receive pharmacological treatment for PDA?
24	pda_sctx	Num	8	If clinical diagnosis of PDA, did the baby receive surgical or catheter treatment for PDA?
25	exit_pda	Num	8	Is PDA currently present at exit from study?
26	pulmdx_ynunk	Num	8	Was a diagnosis of pulmonary hypertension (PH) made post-34 weeks CA?
27	pulmhtn_med	Num	8	If diagnosis of PH, was medication required?
28	mxbnp	Num	8	If diagnosis of PH, what was the highest BNP measured?
29	rop_exam	Num	8	Were any Retinopathy of Prematurity (ROP) examinations performed prior to exit from study?
30	ropdx_exit	Num	8	Was this baby diagnosed with Retinopathy of Prematurity (ROP) prior to study exit?
31	ropleftaunk	Num	8	If yes, is the left eye's worst stage ever reported in any zone known?

Num	Variable	Type	Len	Label
32	roplefta	Num	8	Left eye stage (1-5):
33	roprightaunk	Num	8	If yes, is the right eye's worst stage ever reported in any zone known?
34	roprighta	Num	8	Right eye stage (1-5):
35	ropleftbunk	Num	8	For the left eye, is the zone in which the worst stage was reported known?
36	ropleftb	Num	8	Left eye zone (1-3):
37	roprightbunk	Num	8	For the right eye, is the zone in which the worst stage was reported known?
38	roprightb	Num	8	Right eye zone (1-3):
39	left_cryosx	Num	8	In the left eye, did the baby undergo laser or cryo-surgery?
40	left_cryosxdtunk	Num	8	If yes, is the date of laser or cryo-surgery in the left eye known?
41	right_cryosx	Num	8	In the right eye, did the baby undergo laser or cryo-surgery?
42	right_cryosxdtunk	Num	8	If yes, is the date of laser or cryo-surgery in the right eye known?
43	left_bevtx	Num	8	In the left eye, did the baby undergo Bevacizumab (Avastin) treatment?
44	left_bevtxunk	Num	8	If yes, is the date of Bevacizumab (Avastin) treatment in the left eye known?
45	right_bevtx	Num	8	In the right eye, did the baby undergo Bevacizumab (Avastin) treatment?
46	right_bevtxunk	Num	8	If yes, is the date of Bevacizumab (Avastin) treatment in the right eye known?
47	endo_perf	Num	8	Was airway endoscopy performed by an ENT surgeon or pediatric pulmonologist prior to study exit?
48	endo_findfirst__1	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): No abnormality noted
49	endo_findfirst__2	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): Tracheomalacia
50	endo_findfirst__3	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): Laryngomalacia
51	endo_findfirst__4	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): Subglottic stenosis
52	endo_findfirst__5	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): Vocal Cord Paralysis (unilateral)
53	endo_findfirst__6	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): Vocal Cord Paralysis (bilateral)
54	endo_findfirst__7	Num	8	If yes, indicate the clinical findings at 1st procedure (check all that apply): Other/specify
55	endo_findothr	Char	66	Other/specify:
56	endo_perfsec	Num	8	Did a second procedure occur prior to study exit?
57	endo_findsecd__1	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): No abnormality noted
58	endo_findsecd__2	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): Tracheomalacia
59	endo_findsecd__3	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): Laryngomalacia
60	endo_findsecd__4	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): Subglottic stenosis
61	endo_findsecd__5	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): Vocal Cord Paralysis (unilateral)

Num	Variable	Type	Len	Label
62	endo_findsecd__6	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): Vocal Cord Paralysis (bilateral)
63	endo_findsecd__7	Num	8	If yes, indicate the clinical findings at 2nd procedure (check all that apply): Other/specify
64	endo_findotrsecd	Char	35	Other/specify:
65	bcsep_exit	Num	8	Did the baby have any blood culture-proven sepsis prior to study exit?
66	bcsep_nbr	Num	8	If culture-proven sepsis, indicate number of distinct episodes:
67	bact_sepyn	Num	8	Bacterial sepsis?
68	bact_sepnbr	Num	8	If bacterial sepsis, indicate number of distinct episodes:
69	fung_sepyn	Num	8	Fungal sepsis?
70	fung_sepnbr	Num	8	If fungal sepsis, indicate number of distinct episodes:
71	vir_sepyn	Num	8	Viral sepsis?
72	vir_sepnbr	Num	8	If viral sepsis, number of distinct episodes:
73	noculture	Num	8	If no, did the baby have any presumed (but not blood culture-proven) sepsis prior to study exit?
74	nocultureepi	Num	8	If yes, indicate number of distinct presumed episodes:
75	nocultsepdtf	Char	1	If yes, presumed sepsis start date:
76	nocultsepdtg	Char	1	If yes, presumed sepsis start date:
77	nocultsepdth	Char	1	If yes, presumed sepsis start date:
78	nocultsepdti	Char	1	If yes, presumed sepsis start date:
79	nocultsepdtj	Char	1	If yes, presumed sepsis start date:
80	culture_meng	Num	8	Did the baby have any culture-proven Meningitis prior to study exit?
81	culture_mengnbr	Num	8	If culture-proven Meningitis, indicate number of distinct episodes:
82	meng_dateb	Char	1	If yes, indicate date culture was drawn:
83	megn_datec	Char	1	If yes, indicate date culture was drawn:
84	bac_meng	Num	8	Bacterial Meningitis?
85	bac_mengnbr	Num	8	If yes, number of distinct episodes:
86	bac_fung	Num	8	Fungal Meningitis?
87	bac_fungnbr	Num	8	If yes, number of distinct episodes:
88	bac_viral	Num	8	Viral Meningitis?
89	bac_viralnbr	Char	1	If yes, number of distinct episodes:
90	noculture_meng	Num	8	If no culture-proven Meningitis, any presumed, but not culture-proven Meningitis prior to study exit?
91	noculture_mengnbr	Num	8	If yes, number of distinct presumed episodes:
92	rticonfirm	Num	8	Did the baby have respiratory tract infection of confirmed viral etiology prior to study exit?
93	rtiflu	Num	8	If yes, influenza?
94	parainfluyn	Num	8	If yes, Parainfluenza?
95	parainfludta	Char	1	If yes, date of 1st diagnosis?
96	parainfludtb	Char	1	If yes, date of 2nd diagnosis?

Num	Variable	Type	Len	Label
97	rhinovyn	Num	8	If yes, Rhinovirus?
98	respsyncvyn	Num	8	If yes, Respiratory Syncytial Virus?
99	respsyncdta	Char	1	If yes, date of 1st diagnosis?
100	respsyncdtb	Char	1	If yes, date of 2nd diagnosis?
101	rtiother	Num	8	Other (respiratory tract infection of confirmed viral etiology):
102	rtispecify_1	Char	42	Specify 1st confirmed virus
103	rtispecify_2	Char	11	Specify 2nd confirmed virus (if applicable)
104	siginfecyn	Num	8	Did the baby have any other significant infections prior to study exit?
105	necyn	Num	8	Did the baby have Necrotizing Enterocolitis (NEC) Bell stage 2 or 3 prior to study exit?
106	bowelperfyn	Num	8	If yes, were there any bowel perforations?
107	necsx	Num	8	If yes, did the baby have surgery for NEC?
108	necsxproc__1	Num	8	If yes, indicate the surgical procedure(s) performed (check all that apply):
109	necsxproc__2_3_4_or_5	Num	8	If yes, indicate the surgical procedure(s) performed (check all that apply):
110	isbowelperfyn	Num	8	Did the baby have any Isolated Bowel Perforations not considered to be associated with NEC prior to study exit?
111	isbowelperfsx	Num	8	Did the baby receive any surgery for Isolated Bowel Perforations not considered to be associated with NEC?
112	ibpsx__1	Num	8	If yes, indicate the surgical procedure(s) performed (check all that apply):
113	ibpsx__2or3	Num	8	If yes, indicate the surgical procedure(s) performed (check all that apply):
114	other_surgeriesyn	Num	8	Did the baby have any other surgeries (excluding PDA ligation, surgery for NEC or Bowel Perforation, all surgeries for ROP, ventriculoperitoneal shunt placement, and tracheotomy) prior to study exit?
115	other_surgeriesnbr	Num	8	If yes, how many other surgeries did the baby have?
116	othersxtype_d	Char	1	Indicate date of surgery:
117	othersxdate_d	Char	1	Indicate date of surgery:
118	othersxtype_e	Char	1	Indicate date of surgery:
119	othersxdate_e	Char	1	Indicate date of surgery:
120	techexit__1	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Cardiorespiratory monitor
121	techexit__2	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Pulse Ox monitor
122	techexit__3	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Oxygen
123	techexit__5	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Ventilator
124	techexit__4_or_6	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): CPAP or BIPAP or Tracheostomy
125	techexit__7	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Feeding tube
126	techexit__8	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Gastrostomy tube

Num	Variable	Type	Len	Label
127	techexit__9	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): Other
128	techexit__10	Num	8	Technology: is the baby being exited from study on any of the following (check all that apply): None
129	techexitother	Char	64	If other, specify:
130	medexit__1	Num	8	Medications at exit from study (check all that apply): Caffeine
131	medexit__2	Num	8	Medications at exit from study (check all that apply): Prednisone/Prednisolone/methylprednisolone
132	medexit__3	Num	8	Medications at exit from study (check all that apply): Inhaled steroid
133	medexit__4	Num	8	Medications at exit from study (check all that apply): Bronchodilator
134	medexit__5	Num	8	Medications at exit from study (check all that apply): Diuretic
135	medexit__6	Num	8	Medications at exit from study (check all that apply): Anxiolytic or treatment for opioid withdrawal
136	medexit__7	Num	8	Medications at exit from study (check all that apply): Anti-seizure medication
137	medexit__8	Num	8	Medications at exit from study (check all that apply): Synthroid
138	medexit__9	Num	8	Medications at exit from study (check all that apply): Sildenafil/Bosentan
139	medexit__10	Num	8	Medications at exit from study (check all that apply): GERD medications
140	medexit__11	Num	8	Medications at exit from study (check all that apply): Other, specify (not including vitamins)
141	medexit__12	Num	8	Medications at exit from study (check all that apply): None
142	medexitother	Char	135	If other, specify:
143	discharge_from_hospital_form_to_	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
144	causeofdeath	Char	13	What was the baby's primary cause of death (specify cause of death from the death certificate if not available based on clinical evidence):
145	autopsy	Num	8	Was an autopsy performed?
146	record_of_death_form_complete	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
147	did_baby_exit_crm_chart_re	Num	8	Baby's exit date was [crm__chart_review_arm_1][exit_date]. Was the exit date prior to 40 wks PMA?
148	if_inpatient_resp_support	Num	8	If inpatient at 40 wks PMA, on resp support?
149	if_inpatient_at_40_wks_pma	Num	8	If inpatient at 40 wks PMA, on resp meds?
150	if_exit_40_wks_pma_alive_a	Num	8	If exit < 40 wks PMA, alive at exit?
151	if_exit_40_wks_resp_meds	Num	8	If exit < 40 wks PMA, on resp meds at exit?
152	if_exit_40_wks_resp_supp	Num	8	If exit < 40 wks PMA, on resp support at exit?
153	primary_outcome	Num	8	Primary Outcome
154	results_form_ldcc_only_complete	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
155	exit_days	Num	8	What is the date the baby exited the Pre-Vent Multicenter Protocol, recoded as days since birth?
156	dc_wtdays	Num	8	Date of last measured weight, recoded as days since birth
157	dc_lgthdays	Num	8	Date of last measured length, recoded as days since birth
158	dc_circumdays	Num	8	Date of last measured head circumference, recoded as days since birth
159	lastsp02days	Num	8	What is the date of the last measured SpO2 with a corresponding FiO2 measured at the same time, recoded as days since birth?

Num	Variable	Type	Len	Label
160	dc_apneadays	Num	8	date of last event, if a clinically documented apnea or bradycardia occur in the 14 days prior to exit from study, recoded as days since birth
161	hem_days	Num	8	If pulmonary hemorrhage, date of hemorrhage, recoded as days since birth
162	chesttube_days	Num	8	date of chest tube placement, recoded as days since birth
163	days_pdaconfirm	Num	8	If clinical diagnosis of PDA, date PDA confirmed by Echocardiogram, recoded as days since birth
164	cath_days	Num	8	If surgical or catheter treatment, date of surgical or catheterization closure for PDA, recoded as days since birth
165	pulm_dx_days	Num	8	If Echocardiogram or Cardiac catheterization, indicate date, recoded as days since birth
166	left_cryosxdays	Num	8	date of laser or cryo-surgery in the left eye, recoded as days since birth
167	right_cryosxdays	Num	8	date of laser or cryo-surgery in the right eye, recoded as days since birth
168	left_bevtxdays	Num	8	date of Bevacizumab (Avastin) treatment in the left eye, recoded as days since birth
169	right_bevtxdays	Num	8	date of Bevacizumab (Avastin) treatment in the right eye, recoded as days since birth
170	endo_days	Num	8	date of 1st endoscopy, recoded as days since birth
171	end_dayssecd	Num	8	If second procedure prior to study exit occurred, indicate date, recoded as days since birth
172	sep_daysa	Num	8	If culture-proven sepsis, date first culture was drawn, recoded as days since birth
173	sep_daysb	Num	8	If culture-proven sepsis, date second culture was drawn, recoded as days since birth
174	sep_daysc	Num	8	If culture-proven sepsis, date third culture was drawn, recoded as days since birth
175	sep_daysd	Num	8	If culture-proven sepsis, date fourth culture was drawn, recoded as days since birth
176	sep_dayse	Num	8	If culture-proven sepsis, date fifth culture was drawn, recoded as days since birth
177	nocultsepdaysa	Num	8	If presumed (but not blood culture-proven) sepsis, date of first presumed sepsis start date, recoded as days since birth
178	nocultsepdaysb	Num	8	If presumed (but not blood culture-proven) sepsis, date of second presumed sepsis start date, recoded as days since birth
179	nocultsepdaysc	Num	8	If presumed (but not blood culture-proven) sepsis, date of third presumed sepsis start date, recoded as days since birth
180	nocultsepdaysd	Num	8	If presumed (but not blood culture-proven) sepsis, date of fourth presumed sepsis start date, recoded as days since birth
181	nocultsepdayse	Num	8	If presumed (but not blood culture-proven) sepsis, date of fifth presumed sepsis start date, recoded as days since birth
182	meng_daysa	Num	8	If the baby have any culture-proven Meningitis, date culture was drawn, recoded as days since birth
183	noculture_daysa	Num	8	If presumed, but not culture-proven Meningitis, the first start date of presumed meningitis, recoded as days since birth
184	noculture_daysb	Num	8	If presumed, but not culture-proven Meningitis, the second start date of presumed meningitis, recoded as days since birth
185	noculture_daysc	Num	8	If presumed, but not culture-proven Meningitis, the third start date of presumed meningitis, recoded as days since birth

Num	Variable	Type	Len	Label
186	noculture_daysd	Num	8	If presumed, but not culture-proven Meningitis, the fourth start date of presumed meningitis, recoded as days since birth
187	rtifludaysa	Num	8	Date of first diagnosis for baby's respiratory tract infection of confirmed viral etiology, recoded as days since birth
188	rtifludaysb	Num	8	Date of second diagnosis for baby's respiratory tract infection of confirmed viral etiology, recoded as days since birth
189	rhinovdaysa	Num	8	Date of first diagnosis for rhinovirus, recoded as days since birth
190	rhinovdaysb	Num	8	Date of second diagnosis for rhinovirus, recoded as days since birth
191	rtiotherdaysa	Num	8	Date of first diagnosis of other (respiratory tract infection of confirmed viral etiology), recoded as days since birth
192	rtiotherdaysb	Num	8	Date of second diagnosis of other (respiratory tract infection of confirmed viral etiology), recoded as days since birth
193	otherdaysa	Num	8	Date of other significant infections, recoded as days since birth
194	necdays	Num	8	Date of baby's first medical diagnosis for Necrotizing Enterocolitis (NEC) Bell stage 2 or 3, recoded as days since birth
195	necdaysb	Num	8	Date of baby's recurrent NEC medical diagnosis, recoded as days since birth
196	perdrndaysa	Num	8	If peritoneal drain, indicate date of 1st surgery, recoded as days since birth
197	perdrndaysb	Num	8	If peritoneal drain, indicate date of 2nd surgery, recoded as days since birth
198	startdays_necsxproc__2_3_4	Num	8	date of the first surgery if any of the following surgeries for NEC: 2, Laparotomy 3, Bowel Resection 4, Repair of adhesion/strictures 5, Other/specify, recoded as days since birth
199	enddays_necsxproc__2_3_4_	Num	8	date of the last surgery if any of the following surgeries for NEC: 2, Laparotomy 3, Bowel Resection 4, Repair of adhesion/strictures 5, Other/specify, recoded as days since birth
200	isbowelperfdays	Num	8	Date of 1st medical diagnosis of Isolated Bowel Perforations not considered to be associated with NEC, recoded as days since birth
201	perdraindays1	Num	8	If peritoneal drain, indicate date of 1st surgery, recoded as days since birth
202	perdraindays2	Num	8	If peritoneal drain, indicate date of 2nd surgery, recoded as days since birth
203	startdays_ibpsx__2or3	Num	8	if laparotomy for isolated bowel perforation, or other surgical procedure for isolated bowel perforation (not peritoneal drain), what was the date of the first surgery, recoded as days since birth?
204	enddays_ibpsx__2or3	Num	8	if laparotomy for isolated bowel perforation, or other surgical procedure for isolated bowel perforation (not peritoneal drain), what was the date of the last surgery, recoded as days since birth?
205	othersxtdays_a	Num	8	Date of any other surgeries (first other surgery), recoded as days since birth
206	othersxtdays_b	Num	8	Date of any other surgeries (second other surgery), recoded as days since birth
207	othersxtdays_c	Num	8	Date of any other surgeries (third other surgery), recoded as days since birth
208	dod_days	Num	8	What was the baby's date of death, recoded as days since birth

Data Set Name: redcap_image1.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	15	The name of the visit in the redcap longitudinal database structure
3	hus_ynu	Num	8	Was head ultrasound (HUS) performed before or at 28 days Chronological Age?
4	hus_results__1	Num	8	If yes, what were the results of this HUS? Check all that apply: Normal
5	hus_results__2	Num	8	If yes, what were the results of this HUS? Check all that apply: Subependymal hemorrhage (Grade 1 hemorrhage)
6	hus_results__3	Num	8	If yes, what were the results of this HUS? Check all that apply: IVH without ventricular dilation (Grade 2 hemorrhage)
7	hus_results__4	Num	8	If yes, what were the results of this HUS? Check all that apply: IVH distending at least one lateral ventricle (Grade 3 hemorrhage)
8	hus_results__5	Num	8	If yes, what were the results of this HUS? Check all that apply: Intraparenchymal echodense lesion (Grade 4 hemorrhage)
9	hus_results__7	Num	8	If yes, what were the results of this HUS? Check all that apply: Porencephalic cyst
10	hus_results__8	Num	8	If yes, what were the results of this HUS? Check all that apply: Ventriculomegaly (with or without resolving IVH)
11	hus_results__9	Num	8	If yes, what were the results of this HUS? Check all that apply: Cortical Atrophy
12	hus_results__6_or_10_or_11	Num	8	If yes, what were the results of this HUS? Check all that apply: Cystic Periventricular Leukomalacia (PVL) or Cerebellar Hemorrhage or Other
13	hus_results__12	Num	8	If yes, what were the results of this HUS? Check all that apply: Unknown
14	early_brain_imaging_form_complet	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
15	worsthus_days	Num	8	What was the date of the worst HUS before or at 28 days Chronological Age? - recorded as days since birth

Data Set Name: redcap_image2.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	17	The name of the visit in the redcap longitudinal database structure
3	redcap_repeat_instrument	Char	1	The name of the form
4	redcap_repeat_instance	Char	1	The number of the repeat of a repeating form in the redcap repeating forms structure
5	addlhus_timing1	Num	8	Late: Was head ultrasound (HUS) performed after 28 days Chronological Age, and before or at discharge or 36 weeks PMA, whichever came first?
6	addlhus_results1__1	Num	8	If yes, what were the results of this HUS? Check all that apply: Normal
7	addlhus_results1__2	Num	8	If yes, what were the results of this HUS? Check all that apply: Subependymal hemorrhage (Grade 1 hemorrhage)
8	addlhus_results1__3	Num	8	If yes, what were the results of this HUS? Check all that apply: IVH without ventricular dilation (Grade 2 hemorrhage)
9	addlhus_results1__4	Num	8	If yes, what were the results of this HUS? Check all that apply: IVH distending at least one lateral ventricle (Grade 3 hemorrhage)
10	addlhus_results1__5	Num	8	If yes, what were the results of this HUS? Check all that apply: Intraparenchymal echodense lesion (Grade 4 hemorrhage)
11	addlhus_results1__6	Num	8	If yes, what were the results of this HUS? Check all that apply: Cystic Periventricular Leukomalacia (PVL)
12	addlhus_results1__8	Num	8	If yes, what were the results of this HUS? Check all that apply: Ventriculomegaly (with or without resolving IVH)
13	addlhus_results1__9	Num	8	If yes, what were the results of this HUS? Check all that apply: Cortical Atrophy
14	addlhus_results1__10	Num	8	If yes, what were the results of this HUS? Check all that apply: Cerebellar Hemorrhage
15	addlhus_results1__7_or_11	Num	8	If yes, what were the results of this HUS? Check all that apply: Porencephalic cyst or Other
16	addlhus_results1__12	Num	8	If yes, what were the results of this HUS? Check all that apply: Unknown
17	late_brain_imaging_form_complete	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete
18	addlhus_days	Num	8	What was the date (recoded as days since birth) of the worst HUS after 28 days Chronological Age, and before or at discharge or 36 weeks PMA, whichever came first?

Data Set Name: redcap_meds.sas7bdat

Num	Variable	Type	Len	Label
1	subject_id	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	redcap_event_name	Char	24	The name of the visit in the redcap longitudinal database structure
3	redcap_repeat_instrument	Char	31	The name of the form
4	redcap_repeat_instance	Num	8	The number of the repeat of a repeating form in the redcap repeating forms structure
5	meds_yn	Num	8	Were medications administered since birth?
6	medlist	Num	8	Medication Type
7	OS_med_start	Num	8	Start date
8	OS_med_stop	Num	8	Stop date
9	systemic_type	Char	6	If systemic steroid administered, indicate type
10	systemic_ind	Num	8	If system steroid administered, indication
11	diuretic_type	Num	8	If diuretics were administered regularly for more than one consecutive week, indicate type
12	antimicro_type	Num	8	If antimicrobials were administered, indicate type
13	sed_type	Num	8	If sedatives/analgesics were administered, indicate type
14	medication_categories_form_x190_	Num	8	Was the form marked as complete? 0, Incomplete 1, Unverified 2, Complete

Data Set Name: table_3_infant.sas7bdat

Num	Variable	Type	Len	Label
1	Subject_ID	Num	8	This is the number UVA provided to BioLINCC that links the data to the biospecimens.
2	primary_outcome	Num	8	Primary outcome
3	high_unfavor	Num	8	Highly unfavorable outcome death or IMV at 40w PMA
4	moderate_unfavor	Num	8	Moderately unfavorable outcome noninvasive positive pressure at 40w PMA
5	mild_unfavor	Num	8	Mildly unfavorable outcome nasal cannula or only medications at 40w PMA, or discharged home on meds or oxygen prior to 40w
6	suppmedsboth_b40	Num	8	Both Meds and Supp at discharge(<40w)
7	suppmedsboth_a40	Num	8	Both Meds and Supp on w40d1 and discharge after
8	died_b40__tag	Num	8	Death before or at 40 weeks PMA
9	none_a40__tag	Num	8	Favorable and discharge after 40w
10	none_b40__tag	Num	8	Favorable and discharge before 40w
11	medsonly_b40	Num	8	Meds only at discharge(<40w)
12	medsonly_a40	Num	8	Meds only on w40d1 and discharge after
13	supponly_b40	Num	8	Supp only at discharge(<40w)
14	supponly_a40	Num	8	Supp only on w40d1 and discharge after
15	moderate_bpd	Num	8	Moderate or Severe BPD (NICHD Definition) Need for any oxygen at 36 wk or discharge, whichever comes first. Survivors only.
16	severe_bpd_jensen	Num	8	Severe BPD (Jensen definition) Invasive mechanical ventilation at 36 weeksâ€™™ postmenstrual age. Survivors only.
17	severe_bpd_nichd	Num	8	Severe BPD (NICHD definition) Need for >=30% oxygen and/or positive pressure (PPV or NCPAP) at 36 wk or discharge, whichever comes first. 36w survivors only.
18	pulmdx_any	Num	8	Pulmonary hypertension dx>34w (echocardiography proven) through discharge up to 40w. 40w survivors only.
19	days_respsupp	Num	8	Days on respiratory support (IMV or CPAP or O2) through discharge or 40w. 40w survivors only
20	days_mechvent	Num	8	Days on mechanical ventilation through discharge or 40w. 40w survivors only
21	any_ivh	Num	8	Any IVH (Grades 1-4) Y/N through exit or 36w PMA
22	dc_circum40_pctl	Num	8	Discharge head circumference (cm) percentile at exit or 52w. 40w survivors only
23	dc_length40_pctl	Num	8	Discharge length (cm) percentile at exit or 52w. 40w survivors only
24	dc_weight40_pctl	Num	8	Discharge weight (g) percentile at exit or 52w. 40w survivors only
25	nec_med	Num	8	NEC: Medical (Stage II or III) Y/N (%; n/N) through exit or 40w
26	nec_sur	Num	8	NEC: Surgical (Stage II or III) Y/N (%; n/N) through exit or 40w
27	any_perf	Num	8	Spontaneous intestinal perforation (%; n/N) through exit or 40w
28	any_pda	Num	8	PDA: Any (diagnosed on echocardiography) Y/N through exit up to 40w
29	pda_med	Num	8	PDA: diagnosed through exit up to 40w and medically treated with indomethacin/ibuprofen/acetaminophen Y/N (%; n/N) through exit up to 52w
30	pda_sur	Num	8	PDA: surgically ligated or cardiac cath closure Y/N through exit up to 40w
31	any_rop	Num	8	ROP: Any stage/zone Y/N through exit or 40w
32	severe_rop	Num	8	ROP: Severe (needing laser/Avastin/surgery) Y/N through exit or 40w

Num	Variable	Type	Len	Label
33	any_pvl	Num	8	Periventricular leukomalacia (PVL) Y/N through exit or 36w PMA
34	any_phh	Num	8	Post-hemorrhagic hydrocephalus Y/N through exit or 36w PMA
35	severe_ivh	Num	8	Severe IVH (Grades 3 or 4) Y/N through exit or 36w PMA
36	anysevBrainInjury	Num	8	Any Severe Brain Injury: any one or more of any_pvl or any_phh or severe_ivh