Variable / Field Name	Field Label *Field Note*	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)	
1	record_id	Record ID	text
2	birth_weight	Section Header: *Perinatal period* Birth weight (in g) *number; in gramm; e.g. 1560*	text (number, Min: 450, Max: 9999)
3	birth_length	Birth length (in cm) *number; in cm, e.g. 40*	text (number, Min: 20, Max: 65)
4	birth_head	Birth head circumference *integer, in cm, e.g. 35*	text (integer, Min: 17, Max: 50)
5	ga_weeks	Gestational age (weeks. days) *number, 2 digits and 1 decimal, weeks.days, e.g. 26.2*	text (number_1dp, Min: 22, Max: 41)
6	other_comments_pregna2	Comments pregnancy *free text*	notes
7	no_infants	Number of infants in this birth	dropdown 1 1 2 2 3 3 4 4 5 5 99 unknown
8	delivery	Delivery mode	dropdown 1 spontaneous 2 assisted vaginal delivery 3 cesarian section 99 unknown

9	apgar_1	Apgar 1 minute *number, 0-10; e.g. 9*	text (integer, Min: 0, Max: 10)
10	apgar_5	Apgar 5 minutes *number, 0-10; e.g. 9*	text (integer, Min: 0, Max: 10)
11	apgar_10	Apgar 10 minutes *number, 0-10; e.g. 9*	text (integer, Min: 0, Max: 10)
12	del_temperature	Temperature at delivery/admission *in Celcius degrees, for example 37.1*	text (number_1dp)
13	chd	Congenital heart disease	dropdown 0 no 3 yes 99 unknown
14	other_chd Show the field ONLY if: [chd] = '3' or [chd] = '2'	Other congenital heart disease: description *free text*	notes
15	pda_treated	PDA	dropdown 1 none 2 treated medically 3 treated surgically
16	chd_cat	Congenital heart disease categories (nach Pavlovic)	dropdown (autocomplete) 1 diseases with relevant reverse abdominal flow (A) 2 diseases with lower systolic output (B) 3 cyanotic heart diseases (C) 4 diseases with shunts (D)

			5	pulmonary hypertension (E)

17	malformations	Congenital malformations or syndroms	dropdown	
			0	no
			1	minor (1 major organ affected)
			2	major (more than one major organ affected)
			3	syndromes
			99	unknown
18	chromosomal_malformations	Chromosomal malformations	yesno	
			1	Yes
			0	No
19	malformations_desc Show the field ONLY if: [malformations] = '1' or [malformations] = '2'	Congenital malformations or syndromes: description *free text*	notes	
20	spont_perforation	Section Header: *NEC parameters* Focal gastrointestinal perforation/spontaneous gastrointestinal perforation (separate from NEC!)	dropdown	
			0	no
			1	yes
			99	unknown
21	init_symptoms_date	Initial symptoms date *dd.mm.yyyy*	text (date_dmy)	
22	dx_date	Date at Diagnosis (start non per os including gut priming)	text (date_dmy, Min: 1970-01-01, Max: 2050-12-31)	

23	age_at_diagnosis	Age at diagnoses (calculated) *calculated field; no data entry*	calc Calculation: datediff([patient_dob],[dx_date],"d","dmy")
24	bell	Bell staging (max documented grade)- always report worst documented grading during disease	dropdown, Required 21 stage 2a 22 stage 2b 31 stage 3a 32 stage 3b 88 not applicable 99 unknown
25	severity	Disease severity *no need to fill in, calculated automatically*	dropdown 1 stad 1 bell not deceased within 48h 2 stad 2 bell not deceased within 48h 3 stad 3 bell not deceased within 48h 4 deceased during first 48 h of NEC 88 not applicable 99 unknown
26	conservative_treatment	Section Header: *NEC treatment* Conservative treatment only	dropdown 0 no 1 yes 99 unknown
27	treat_comment	Comments conservative treatment *free text*	notes
28	nec_surgery	NEC/FIP surgery	dropdown 0 no

			1	yes
			99	unknown
29	no_surgeries	Number of surgeries due to NEC/FIP	dropdown	
			0	no
			1	1x
			2	2x
			3	>2x
			99	unknown
30	date_necsurg1 Show the field ONLY if: [no_surgeries] = '1' or [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	Date of 1st NEC surgery	text (date_dmy)	
31	surg1_approach Show the field ONLY if: [no_surgeries] = '1' or [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	1st NEC surgery: surgical approach	dropdown	
			1	only drainage
			2	laparotomy without intestinal incision/resection
			3	Laparotomy with resection and stoma
			4	Laparotomy with resection and anastomosis
			5	Laparotomy with resection and anastomosis and stoma
			6	other
			88	not applicable

			99	unknown

32	surg1_desc_appr Show the field ONLY if: [no_surgeries] = '1' or [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	1st NEC surgery: description of surgical approach *free text*	notes		
33	surg1_reason Show the field ONLY if: [no_surgeries] = '1' or [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	Reason for 1st surgery	checkbox		
			1	surg1_reason___1	fast-progression
			2	surg1_reason___2	passage problem/ obstruction
			3	surg1_reason___3	perforation
			4	surg1_reason___4	Other
			5	surg1_reason___5	complication
			99	surg1_reason___99	unknown
34	surg1_reason_other Show the field ONLY if: [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '1' or [no_surgeries] = '9'	Other reason for 1st surgery *free text*	notes		
35	date_necsurg2 Show the field ONLY if:	Date of 2nd NEC surgery	text (date_dmy)		

		[no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'		
36	surg2_approach Show the field ONLY if: [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	2nd NEC surgery: surgical approach	dropdown <table><tr><td>1</td><td>only drainage</td></tr><tr><td>2</td><td>laparotomy without intestinal incision/resection</td></tr><tr><td>3</td><td>Laparotomy with resection and stoma</td></tr><tr><td>4</td><td>Laparotomy with resection and anastomosis</td></tr><tr><td>5</td><td>other</td></tr><tr><td>88</td><td>not applicable</td></tr><tr><td>99</td><td>unknown</td></tr></table>	
37	surg2_desc_appr Show the field ONLY if: [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	2nd NEC surgery: description of other surgical approach *free text*	notes	
38	surg2_reason Show the field ONLY if: [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	Reason for 2nd surgery	checkbox <table><tr><td>1</td><td>surg2_reason___1</td><td>re-NEC</td></tr><tr><td>2</td><td>surg2_reason___2</td><td>second look</td></tr><tr><td>3</td><td>surg2_reason___3</td><td>complication</td></tr><tr><td>4</td><td>surg2_reason___4</td><td>Other</td></tr><tr><td>5</td><td>surg2_reason___5</td><td>Stoma closure</td></tr><tr><td>99</td><td>surg2_reason___99</td><td>unknown</td></tr></table>	

39	surg2_reason_desc Show the field ONLY if: [no_surgeries] = '2' or [no_surgeries] = '3' or [no_surgeries] = '9'	Reason for 2nd surgery (details, other...) *free text*	notes
40	date_necsurg3 Show the field ONLY if: [no_surgeries] = '3' or [no_surgeries] = '9'	Date of 3rd NEC surgery	text (date_dmy)
41	surg3_approach Show the field ONLY if: [no_surgeries] = '3' or [no_surgeries] = '9'	3rd NEC surgery: surgical approach	dropdown <table><tr><td>1</td><td>only drainage</td></tr><tr><td>2</td><td>laparotomy without intestinal incision/resection</td></tr><tr><td>3</td><td>Laparotomy with resection and stoma</td></tr><tr><td>4</td><td>Laparotomy with resection and anastomosis</td></tr><tr><td>5</td><td>other</td></tr><tr><td>88</td><td>not applicable</td></tr><tr><td>99</td><td>unknown</td></tr></table>
42	surg3_desc_appr Show the field ONLY if: [no_surgeries] = '3' or [no_surgeries] = '9'	3rd NEC surgery: description of surgical approach *free text*	notes
43	surg3_reason	Reason for 3rd surgery	checkbox

#	Variable	Description	Type / Options
	Show the field ONLY if: [no_surgeries] = '3' or [no_surgeries] = '9'		1 surg3_reason___1 re-NEC 2 surg3_reason___2 second look 3 surg3_reason___3 complication 4 surg3_reason___4 Other 5 surg3_reason___5 Stoma closure 99 surg3_reason___99 unknown
44	surg3_reason_desc Show the field ONLY if: [no_surgeries] = '3' or [no_surgeries] = '9'	Reason for 3rd surgery (details, other...) *free text*	notes
45	re_nec_1	Section Header: *Re-NEC* RE-NEC or Re-FIP (defined as recurrence of NEC when child is fully enteral nourished/ PEN stopped)	dropdown 0 no 1 yes 99 not documented
46	re_nec_com Show the field ONLY if: [re_nec_1] = '1'	Re-NEC comment (date, bell stage and localization) *free text*	notes
47	spont_perforation2 Show the field ONLY if: [re_nec_1] = '1'	Re-NEC: Focal gastrointestinal perforation/spontaneous gastrointestinal perforation (separate from NEC!)	dropdown 0 no 1 yes 99 unknown
48	init_symptoms_date2	Initial symptoms date of 2nd NEC *dd.mm.yyyy*	text (date_dmy)

	Show the field ONLY if: [re_nec_1] = '1'		
49	dx_date2 Show the field ONLY if: [re_nec_1] = '1'	2nd NEC: Date at Diagnosis (start NPO)	text (date_dmy, Min: 01.01.1970, Max: 31.12.2050)
50	age_at_diagnosis2 Show the field ONLY if: [re_nec_1] = '1'	2nd NEC: Age at diagnoses (calculated) *calculated field; no data entry*	calc Calculation: datediff([patient_dob],[dx_date2],"d","dmy")
51	bell2 Show the field ONLY if: [re_nec_1] = '1'	2nd NEC: Bell staging (max grade)- always report worst grading during disease	dropdown, Required 1 stad 1 21 stad 2a 22 stad 2b 31 stad 3a 32 stad 3b 88 not applicable 99 unknown
52	conserv2 Show the field ONLY if: [re_nec_1] = '1'	2nd NEC: Conservative treatment only	dropdown (autocomplete) 0 no 1 yes 99 unknown
53	pen_stop_renec	PEN stopped on	text (date_dmy)
54	complications_core	Section Header: *Outcomes* Complications *free text*	notes

55	survival	Survival: last known status	dropdown
				0	no
1	yes
99	unknown	
56	date_knownalive	Last date known alive (date of last report)	text (date_dmy)
57	died_duetonec Show the field ONLY if: [survival] = '0'	Died due to NEC	dropdown 	0	no
1	yes
2	unclear
99	unknown	
58	exit_cause_desc Show the field ONLY if: [survival] = '0'	Death cause description *free text*	notes
59	exitus_date Show the field ONLY if: [survival] = '0'	Exitus date	text (date_dmy)
60	discharge_date_hosp	Date of first discharge to other hospital	text (date_dmy)
61	discharge_home	Date of discharge home	text (date_dmy)
62	hosp_duration	Hospitalisation duration *no need to input - calculated externally!*	text (integer) Field Annotation: From birth to first discharge or if re-NEC, duration of the last hospitalisation
63	total_hosp_duration	Total hospitalisation duration *no need to input - calculated externally!*	text (integer)

| 64 | core_data_complete | Section Header: *Form Status*
Complete? | dropdown

| 0 | Incomplete |
| 1 | Unverified |
2	Complete	