Below are abbreviations for variables derived (for the most part) from vital signs:

Abbreviation	Name
biwt	Birth weight
hcir	Head circumference
wght	Weight (in grams)
lgth	Length (in centimeters)
temp	Temperature (in Celsius)
hrat	Heart rate
country	Nation in which the patient was examined
age	Age (in days)
rr	Adjusted respiratory rate
waz	Weight-for-age (z-score)

The table on the following page lists the clinical observation variables (taken from Harrell *et al.* (1998), "Development of a clinical prediction model for an ordinal outcome: The World Health Organization ARI Multicentre Study of clinical signs and etiologic agents of pneumonia, sepsis, and meningitis in young infants", *Stat. Med.*). Each of the variables can take on several equally spaced codes, with 0-3 representing, for example, sign not present, mild, moderate, severe. Here, hx stands for history, ausc for auscultation, and hxprob for history of problems. The author made some effort to cluster relevant variables together; some variables are listed twice as a result.

The following variables seem to be missing from the table for some reason:

Sign abbreviation	Name of sign	Values
hvo	Vomit more	0-1
bat	Birth preterm	0-1
hbr	Engorged breasts	0-1
inc	Respiratory distress	0-2
sr1	Respiratory state	0-3
sr2	Respiratory state	0-3
str	Stridor	0-2
att	Attentive	0-2
skr	Skin rash	0-2
hyp	Hypotonia	0-3
nut	Nutritional status score	0-3
oab	Sclerema	0-1

NOTE: I believe all of the variables in the data set appear here in the documentation – if you find one that has been missed, please let me know.

Table II. Clinical signs

Cluster name	Sign abbreviation	Name of sign	Values
bul.conv	abb	bulging fontanelle	0–1
	convul	hx convulsion	0–1
hydration	abk	sunken fontanelle	0–1
	hdi	hx diarrhoea	0–1
	deh	dehydrated	0–2
	stu	skin turgor	0–2
	dcp	digital capillary refill	0–2
drowsy	hcl	less activity	0–1
	qcr	quality of crying	0–2
	csd	drowsy state	0–2
	slpm	sleeping more	0–1
	wake	wakes less easy	0–1
	aro	arousal	0–2
	mvm	amount of movement	0–2
agitated	hcm	crying more	0–1
	slpl	sleeping less	0–1
	con	consolability	0–2
	csa	agitated state	0–1
crying	hcm	crying more	0–1
	hcs	crying less	0–1
	qcr	quality of crying	0–2
	smi2	smiling ability $\times$ age > 42 days	0–2
reffort	nfl	nasal flaring	0–3
	lcw	lower chest in-drawing	0–3
	gru	grunting	0–2
	ccy	central cyanosis	0–1
stop.breath	hap	hx stop breathing	0–1
	apn	apnoea	0–1
ausc	whz	wheezing	0–1
	coh	cough heard	0–1
	crs	crepitation	0–2
hxprob	hfb	fast breathing	0–1
	hdb	difficulty breathing	0–1
	hlt	mother report respiratory problems	none, chest, other
feeding	hfa	hx abnormal feeding	0–3
	absu	sucking ability	0–2
	afe	drinking ability	0–2
labor	chi	previous child died	0–1
	fde	fever at delivery	0–1
	ldy	days in labour	1–9
	twb	water broke	0–1
abdominal	abd	abdominal distension	0–4
	jau	jaundice	0–1
	omph	omphalitis	0–1
fever.ill	illd	ge-adjusted number days ill	
	hfe	hx fever	0–1
pustular	conj	conjuctivitis	0–1
	oto	otoscopy impression	0–2
	puskin	pustular skin rash	0–1