

Expert Source

Record ID

What are your primary affiliations? Check all that apply.

- Teaching hospital
 - General/community hospital
 - Specialized hospital
 - Outpatient clinic
 - University
 - Other
-

Please specify.

What are your roles at this institution? Check all that apply.

- Physician
 - Other clinician
 - Basic scientist
 - Clinical scientist
 - Social scientist
 - Hospital administration
 - Nurse
 - Other
-

Please specify.

What is your area of expertise? Check all that apply.

- Pediatrics
 - Sepsis
 - Infectious Disease
 - Microbiology/laboratory medicine
 - International Health
 - Epidemiology
 - Social Sciences
 - Neonatology
 - Obstetrics
-

Do you have any other relevant areas of expertise?

Patient Characteristics

Age

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Less than 2 months of age

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Gender/Sex

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Duration of illness/sign/symptom

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Time since last hospitalization

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Urgent referral status

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Child HIV Positive

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Anthropometric Data

Weight

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Length

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

MUAC (mm)

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Vitals

Temperature

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Temperature < 35.5C

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Temperature >/37.5C

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Heart Rate

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Respiratory Rate

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Oxygen Saturation (SpO2)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Systolic Blood Pressure

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

Should this variable be collected?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Diastolic Blood Pressure

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Airway Breathing

Apnea (observed, reported)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Difficulty breathing (reported)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Difficulty breathing (observed)

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Central Cyanosis

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Chest in-drawing

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Obstructed breathing

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Nasal flaring

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Grunting

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Head bobbing/nodding

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Creptitations

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Stridor

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Wheezing

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Respiratory effort

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Fast breathing (reported)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Fast breathing (determined to be above >60BPM)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Circulation

Capillary refill time

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Skin cold (cool peripheries)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Weak and fast pulse

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Pallor - Palmar, oral, conjunctival

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Dehydration

Skin turgor - pinching of the skin of abdomen/hand

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Sunken eyes

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Depressed fontanelle

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

No tears when crying

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Reduced urine production

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Dry oral mucosa

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Neurological

Irritability, restlessness

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Consolability

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Sleepiness/drowsiness/unconscious

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Ease of waking

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Level of consciousness

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

How do you think we should assess LOC?

- AVPU
- Blantyre Coma Scale
- Glasgow Coma Scale
- Ballard Score

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Lethargy

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Convulsions (reported, history)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Convulsing now, actively

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Confusion

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Stiff limbs

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Hypotonia

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Mobility

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Spontaneous movements/to stimulus

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Neck pain/stiffness

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Bulging fontanelles

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Focal neurology acute

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Not able to drink or feed anything

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Not feeding well

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Not suckling/breastfeeding

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Infection

Fever

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Cough

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Runny nose

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Rash

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Ear pain

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Ear discharge

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Tender swelling behind the ear

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Purulent drainage eyes

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Conjunctivitis

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Skin pustules

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Umbilicus is red

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Umbilicus is draining

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Gastrointestinal Urinary

Diarrhea

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Blood in stool (dysentery)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Vomiting

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Abdominal pain

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Foul-smelling urine

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Malnutrition

Swelling of both feet (peripheral edema)

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Visible severe wasting (marasmus)

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Abdominal distension

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Ulcers or white patches in the mouth (oral thrush)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Trauma

Trauma or other surgical condition

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Eye injury

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Fracture

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Dislocation

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Hemorrhage

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Severe pain

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Burns

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Poisoning

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

General

Change in level of activity

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Change in crying

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Laboratory Results

Hemoglobin (g/dL)

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
 Less than half the time
 Rarely
 Not applicable

Other comments.

Malaria blood smear

Should this variable be collected?

- Yes
 No

How strong is this variable as a predictor of severe illness in children?

- Strong
 Moderate
 Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
 Moderately reliably
 Unreliably

How much training will be required to collect the variable?

- Extensive
 Moderate
 Minimal

How much will this variable overlap with other variables?

- Significant overlap
 Minimal overlap
 Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.

Blood sugar measurement

Should this variable be collected?

- Yes
- No

How strong is this variable as a predictor of severe illness in children?

- Strong
- Moderate
- Unlikely

Can this variable be reliably measured (i.e. inter- and intra-rater reliability)

- Highly reliable
- Moderately reliably
- Unreliably

How much training will be required to collect the variable?

- Extensive
- Moderate
- Minimal

How much will this variable overlap with other variables?

- Significant overlap
- Minimal overlap
- Not applicable

Which variables will this variable overlap with?

How common is this variable abnormal?

- Frequently
- Less than half the time
- Rarely
- Not applicable

Other comments.
