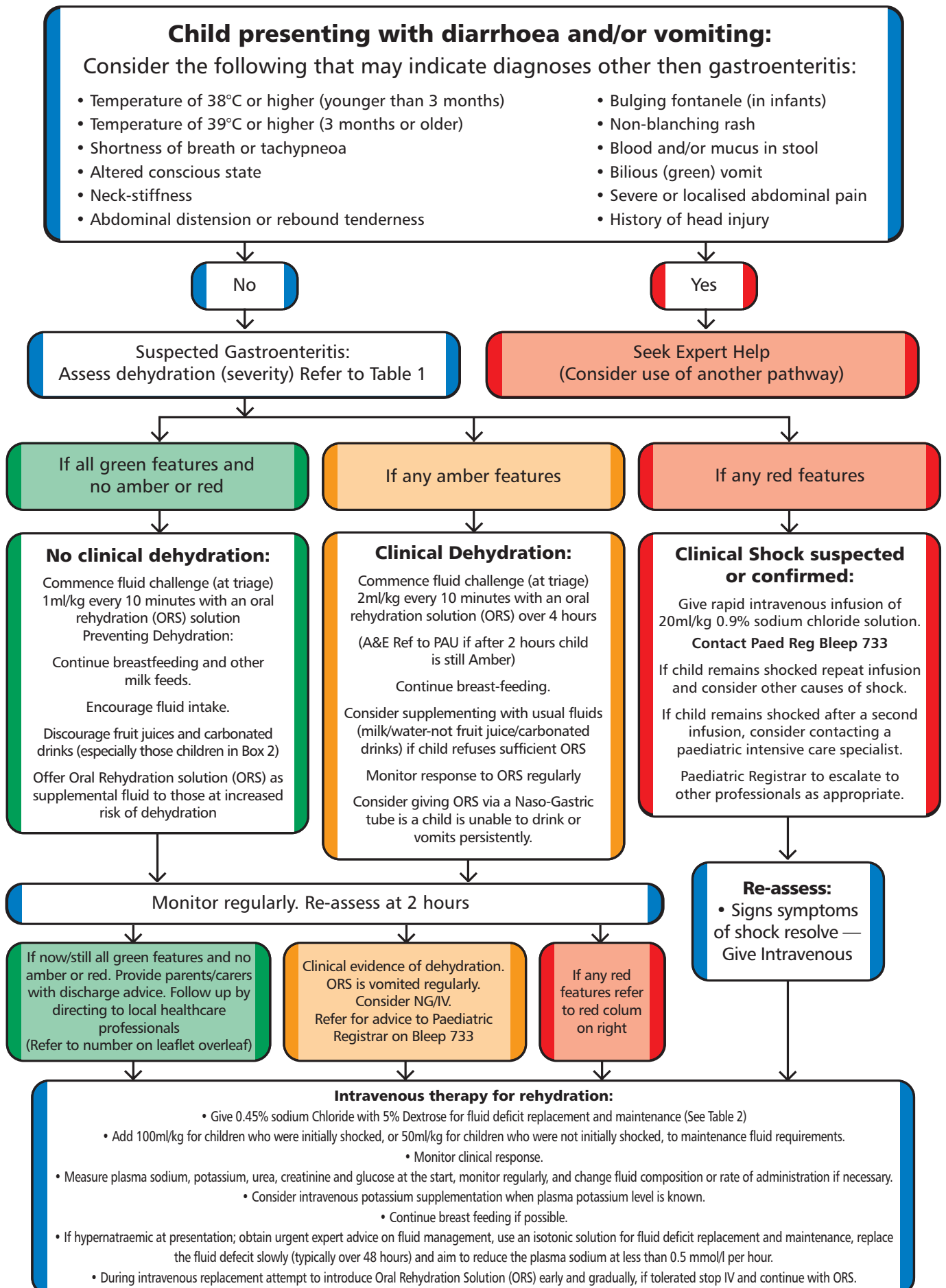


Clinical Assessment Tool for the Child with Suspected Gastroenteritis 0-5 Years



Management within Hospital Setting



Clinical Assessment Tool for the Child with Suspected Gastroenteritis 0-5 Years



Management within Hospital Setting

Traffic light system for identifying signs and symptoms of clinical dehydration and shock

	Green – low risk	Amber – intermediate risk	Red – high risk
Activity	<ul style="list-style-type: none"> Responds normally to social cues Content/Smiles Stays awake/awakens quickly Strong normal cry/not crying 	<ul style="list-style-type: none"> Altered response to social cues Decreased activity No smile 	<ul style="list-style-type: none"> Not responding normally to or no response to social cues Appears ill to a healthcare professional Unable to rouse or if roused does not stay awake Weak, high-pitched or continuous cry
Skin	<ul style="list-style-type: none"> Normal skin colour Normal turgour 	<ul style="list-style-type: none"> Normal skin colour Warm extremities 	<ul style="list-style-type: none"> Pale/Mottled/Ashen blue Cold extremities
Respiratory	<ul style="list-style-type: none"> Normal breathing 	<ul style="list-style-type: none"> Tachypnoea (ref to normal values table 3) 	<ul style="list-style-type: none"> Tachycardic (ref to normal values table 3)
Hydration	<ul style="list-style-type: none"> CRT ≤ 2 secs Moist mucous membranes (except after a drink) Normal urine 	<ul style="list-style-type: none"> CRT 2–3 secs Dry mucous membranes (except after a drink) Reduced urine output 	<ul style="list-style-type: none"> CRT > 3 seconds
Pulses/Heart Rate	<ul style="list-style-type: none"> Heart rate normal Peripheral pulses normal 	<ul style="list-style-type: none"> Tachycardic (ref to normal values table 3) Peripheral pulses weak 	<ul style="list-style-type: none"> Tachycardic (ref to normal values table 3) Peripheral pulses weak
Blood Pressure	<ul style="list-style-type: none"> Normal (ref to normal values table 3) 	<ul style="list-style-type: none"> Normal (ref to normal values table 3) 	<ul style="list-style-type: none"> Hypotensive (ref to normal values table 3)
Eyes	<ul style="list-style-type: none"> Normal Eyes 	<ul style="list-style-type: none"> Sunken Eyes 	

CRT: capillary refill time RR: respiration rate

Table 2: Calculating Intravenous Maintenance Fluids in patients with normal serum sodium using 0.45% Saline with 5% Dextrose.

- Less than 10 kg: 100 ml/kg/day or 4ml/kg/hour
- 10-20 kg: 1000 ml +50 ml/kg/day for each kg over 10kg
Or 40 ml/hour plus 2 ml/kg/hour for each kg over 10kg
- Over 20 kg: 1500 ml plus 20 ml/kg/day for each kg over 20 kg
Or 60 ml/kg/hour plus 1 ml/kg/hour for each kg over 20 kg

Guidelines for fluid therapy in previously well children, Michael Eisenhut, 8/11/2007

Table 3: Normal Paediatric Values

Respiratory Rates according to age group

Age	Normal RR/min	Severe Distress/min
<1 month	30-40	>70 or <10
<1 year	30-40	>70
2-5 years	20-30	>50
5-12 years	20-24	>40
>12 years	12-20	>40

Systolic Blood Pressures according to age group

Age	Systolic BP(normal) mmHg	Systolic BP(lower limit) mmHg
0-1 month	60	50
1-12 months	80	70
1-10 years	90 + 2x age	70 + 2x age
>10 years	120	90

Heart Rate Normal Range

Age	Heart Rate/min
Neonate	100-180
<1 year	110-160
2-5 years	95-140
5-12 years	80-120
>12 years	60-100

Some Useful Telephone Numbers

Ensure the parent/carer has the number of their GP/Practice Nurse.....

Health Visitor

(If you do not know this number you may be able to locate your health visitor at one of the health centres below)

- Liverpool Road Health Centre01582 70 81 51
- Marsh Farm Health Centre01582 70 74 66
- Queensborough House01582 70 76 60
- Wheatfield Road Surgery01582 47 86 78
- Wigmore Lane Health Centre01582 70 73 76
- Sure Start01582 55 66 61

Community Nurse *If applicable - Regents Court* 01582 70 81 39

Walk in Centre01582 55 64 00

Opening Times: 8am to 8.00pm Everyday

NHS Direct0845 46 47

Open 24hrs – 7 days www.nhsdirect.nhs.uk

This guidance is written in the following context

This assessment tool was arrived at after careful consideration of the evidence available including but not exclusively *SIGN, Bristol guideline, EBM data and NHS evidence. Healthcare professionals are expected to take it fully into account when exercising their clinical judgement. The guidance does not, however, override the individual responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient, in consultation with the patient and/or guardian or carer.

