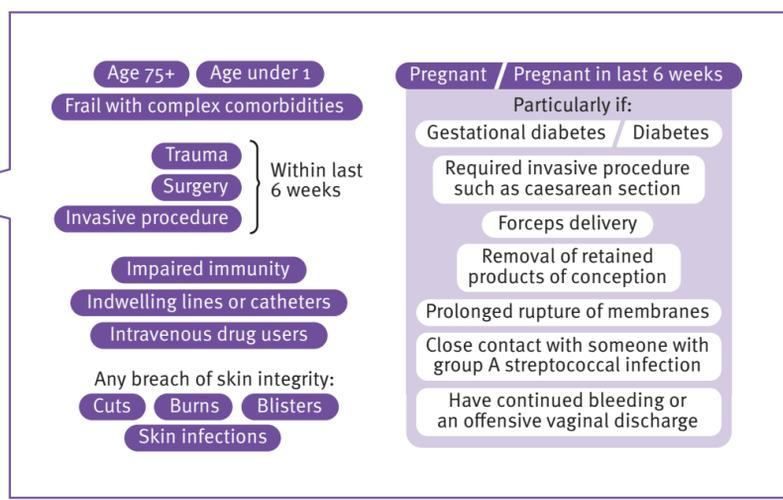
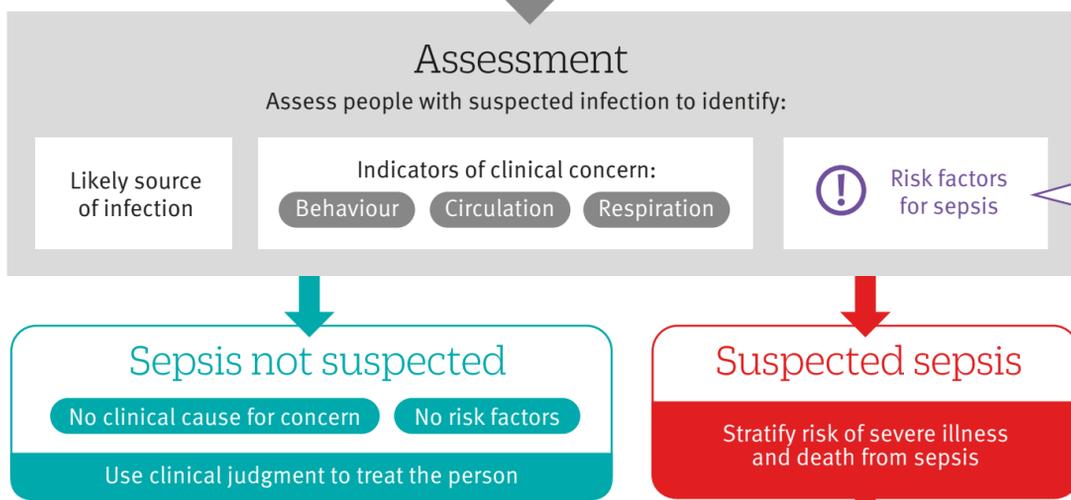
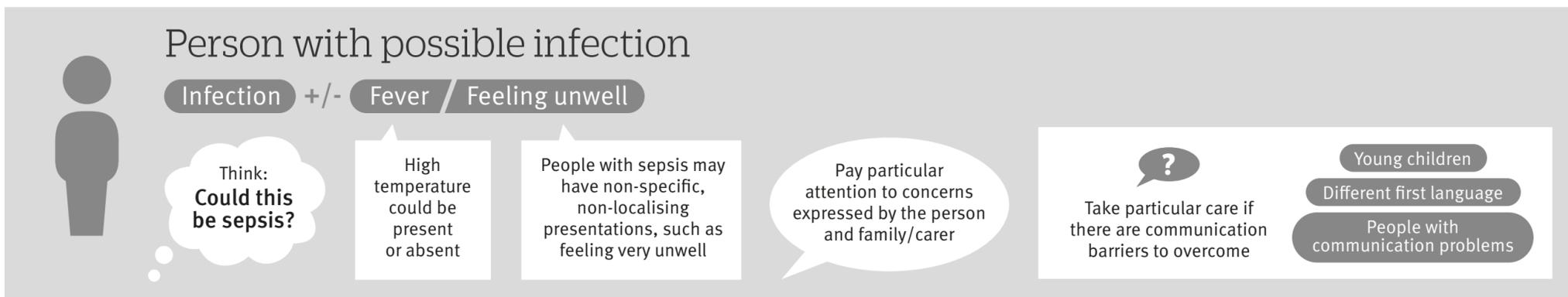


Visual summary NICE sepsis guidance

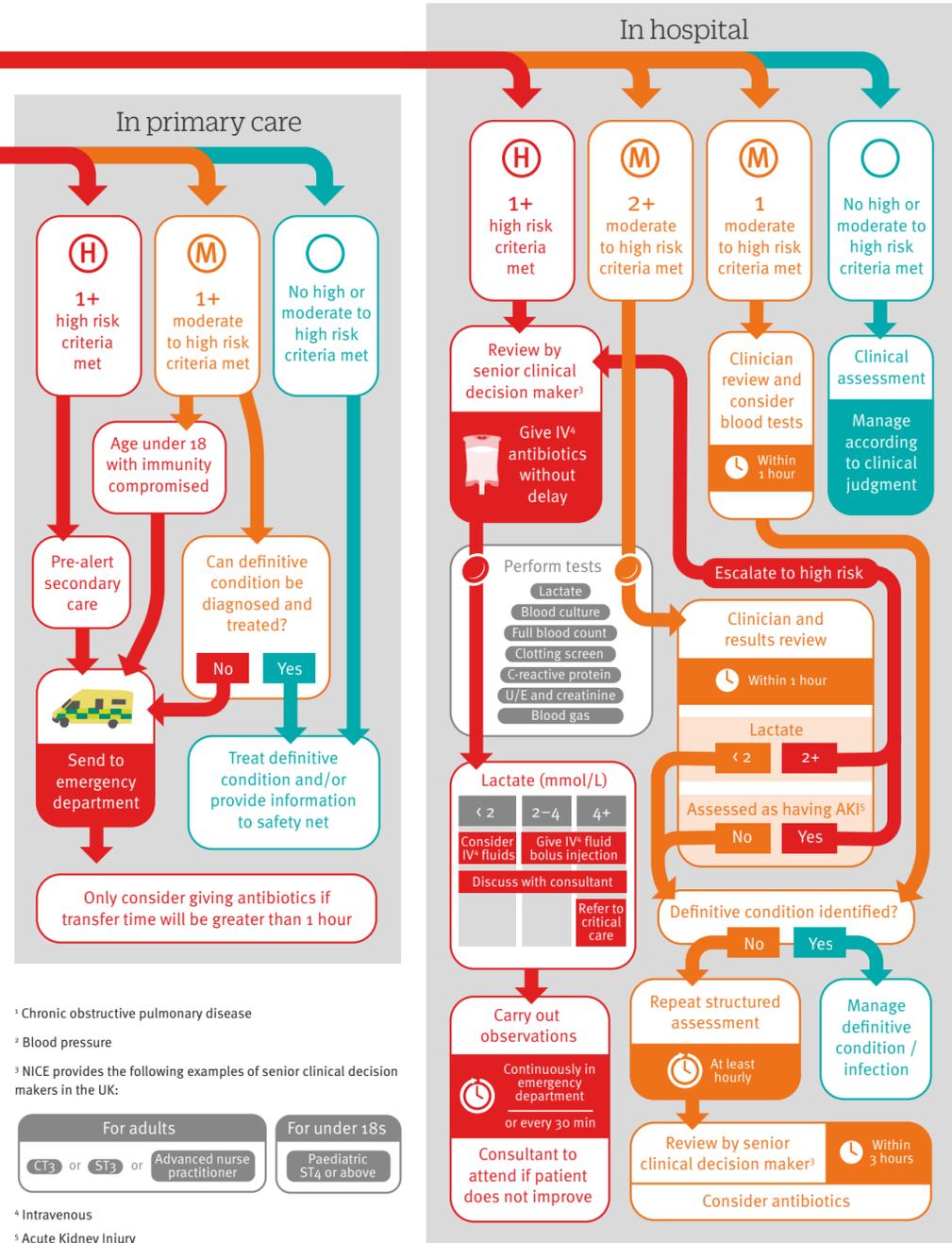
How to assess risk and identify appropriate level of monitoring and management for suspected sepsis

Evidence level
Based on the opinion of the guideline development committee, supported by generally very low quality evidence



Detailed risk assessment

Age (years)	Under 1	1-2	3-4	5	6-7	8-11	12+ and adults
Behaviour and history	<ul style="list-style-type: none"> H Weak, high-pitched or continuous cry M Decreased activity M Not responding normally to social cues M No smile M Wakes only with prolonged stimulation M Poor feeding 						<ul style="list-style-type: none"> H Objective evidence of new mental state M History from patient, friend or relative of altered behaviour / mental state M Deterioration of functional ability M Impaired immune system M Trauma, surgery or procedure in last 6 weeks
Breathing	Breaths per minute (resting rate)						
	H 60+, M 50-59	H 50+, M 40-49	H 40+, M 30-39	H 29+, M 24-28	H 27+, M 24-26	H 25+, M 22-24	H 25+, M 21-24
	<ul style="list-style-type: none"> H Grunting H Moderate or severe chest indrawing H Oxygen saturation 90% or less in air M Oxygen saturation 92% or less in air M Nasal flaring M Crackles in the chest 						<ul style="list-style-type: none"> H New requirement of oxygen 0.4+ FiO₂ to maintain saturation above 92% or 88% in known COPD* M Increased work of breathing
Circulation	Heart rate (beats per minute)						
	H 160+, M 150-159	H 150+, M 140-149	H 140+, M 130-139	H 130+, M 120-129	H 120+, M 110-119	H 115+, M 105-114	H 130+, M 91-129
	<ul style="list-style-type: none"> H Less than 60 beats per minute M Capillary refill time 3+ seconds M Cold hands / feet M Leg pain 						<ul style="list-style-type: none"> H Systolic BP²: Under 90 mmHg or 40+ mmHg below normal M Systolic BP²: 91-100 mmHg M Pregnant: 100-130 BPM M New onset arrhythmia
Skin	<ul style="list-style-type: none"> H Colour of skin / lips / tongue is mottled or ashen or blue H Non-blanching rash H Reduced skin turgor M Pale or flushed 						<ul style="list-style-type: none"> M Signs of infection: Increased redness, Swelling or discharge at surgical site, Breakdown of wound
Temperature	<ul style="list-style-type: none"> H Under 36°C M Elevated 						<ul style="list-style-type: none"> M Rigors
Urine	<ul style="list-style-type: none"> M Reduced urine output 						<ul style="list-style-type: none"> H Not passed urine in 18 hours M Not passed urine in the last 12-18 hours



¹ Chronic obstructive pulmonary disease
² Blood pressure
³ NICE provides the following examples of senior clinical decision makers in the UK:

For adults	For under 18s
CT3 or ST3 or Advanced nurse practitioner	Paediatric ST4 or above

⁴ Intravenous
⁵ Acute Kidney Injury