

Supplementary data

Table S1 shows that panellists reached a consensus in 755 (66.58%) scenarios. Of these 6 (0.53%) were rated with disagreement and 383 (33.77%) with an equivocal rating. Of those where agreement was obtained, an appropriate next step was identified in 449 (39.59 %) scenarios. Results are presented as medians to facilitate interpretation.

Table S1: Summary Table								
Number of scenarios rated	Overall Scenarios N=1134	%	12-23 months		24 months - 4 years 11 months		5-12 years	
			Scenarios N=378	%	Scenarios N=378	%	Scenarios N=378	%
1-2-3 with agreement	296	26.10%	101	26.72%	93	24.60%	102	26.98%
1-2-3 without agreement	73	6.44%	26	6.88%	30	7.94%	17	4.50%
4-5-6 with agreement	10	0.88%	1	0.26%	2	0.53%	7	1.85%
4-5-6 without agreement	140	12.35%	36	9.52%	44	11.64%	60	15.87%
7-8-9 with agreement	449	39.59%	156	41.27%	150	39.68%	143	37.83%
7-8-9 without agreement	166	14.64%	58	15.34%	59	15.61%	49	12.96%
1 with agreement	246	21.69%	86	22.75%	82	0	78	20.63%
1 without agreement	1	0.09%	1	0.26%	0	0	0	0.00%
9 with agreement	2	0.18%	0	0.00%	0	0.00%	2	0.53%
9 without agreement	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Irrespective of median								
Total agreement	755	66.58%	258	68.25%	245	64.81%	252	66.67%
Total disagreement	6	0.53%	2	0.53%	0	0.00%	4	1.06%
Total equivocation*	383	33.77%	119	31.48%	135	35.71%	129	34.13%

For Table S1 Percentages are taken from the total number of scenarios with each number of symptoms.

Next Step	1		2		3		4		5		6	
	N =36	%	N=90	%	N=120	%	N=90	%	N=36	%	N=12	%
Self-care (7-9)	10	27.78%	4	4.44%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Go to the GP (7-9)	13	36.11%	74	82.22%	110	91.67%	73	81.11%	15	41.67%	0	0.00%
Go to A&E (7-8)	2	5.56%	11	12.22%	51	43.33%	44	48.89%	36	100.00%	5	13.89%
Call 999 (9)	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	1	16.67%

Table S3: Breakdown of how symptoms were rated by the panel as self-care most likely to be appropriate													
Number of symptoms	Past Medical history	Ear pain		Reduced fluid intake		Less active or socially interactive than usual		High fever		Wheezing or “noisy breathing”		Shortness of breath	
		N	%	N	%	N	%	N	%	N	%	N	%
1	None ^A	3	100	1	33.33	1	33.33	1	33.33				
	Previous admission ^B	2	66.67			1	33.33	1	33.33				
2	None ^A	2	13.33	1	6.67	1	6.67						
	Previous admission ^B	2	13.33	1	6.67	1	6.67						
3	None ^A												
	Previous admission ^B												
4	None ^A												
	Previous admission ^B												
5	None ^A												
	Previous admission ^B												
6	None ^A												
	Previous admission ^B												

^A Previously well aside from usual childhood illnesses
^B For asthma, bronchiolitis or other respiratory condition
^C Blocked out cells (N= 0), light grey (50%), dark grey (>50%)

Table S4: Breakdown of how symptoms were rated by the panel as most likely to be appropriate for accessing the GP													
Number of symptoms	Past Medical history	Ear pain		Reduced fluid intake		Less active or socially interactive than usual		High Fever		Wheezing or “noisy breathing”		Shortness of breath	
		N	%	N	%	N	%	N	%	N	%	N	%
1	None ^A							1	33.33	1	33.33	3	100
	Previous admission ^B							2	66.67	3	100	3	100
2	None ^A	7	46.67	12	80	12	80	15	100	13	86.67	15	100
	Previous admission ^B	8	53.33	12	80	10	66.67	15	100	14	93.33	13	86.67
3	None ^A	30	100	28	93.33	27	90	30	100	25	83.33	25	83.33
	Previous admission ^B	30	100	28	93.33	27	90	30	100	25	83.33	25	83.33
4	None ^A	29	96.67	26	86.67	24	80	27	90	23	76.67	23	76.67
	Previous admission ^B	29	96.67	23	76.67	21	70	24	80	23	76.67	20	66.67
5	None ^A	8	53.33	8	53.33	6	40	8	53.33	5	33.33	5	33.33
	Previous admission ^B	7	46.67	7	46.67	5	33.33	7	46.67	4	26.67	5	33.33
6	None ^A												
	Previous admission ^B												

^A Previously well aside from usual childhood illnesses
^B For asthma, bronchiolitis or other respiratory condition
^C Blocked out cells (N= 0), Light grey (50%), dark grey (>50%)

Table S5: Breakdown of how symptoms were rated by the panel as most likely to be appropriate for attending A&E

Number of symptoms	Past Medical history	Ear pain		Reduced fluid intake		Less active or socially interactive than usual		High Fever		Wheezing or “noisy breathing”		Shortness of breath	
		N	%	N	%	N	%	N	%	N	%	N	%
1	None ^A											1	33.33
	Previous admission ^B											1	33.33
2	None ^A									1	6.67	1	6.67
	Previous admission ^B			3	20			4	26.67	6	40.00	7	46.67
3	None ^A	4	13.33	5	16.67	3	10	7	23.33	11	36.67	15	50
	Previous admission ^B	9	30.00	12	40	10	33.33	11	36.67	16	53.33	23	76.67
4	None ^A	9	30.00	11	36.67	11	36.67	13	43.33	17	56.67	19	63.33
	Previous admission ^B	11	36.67	14	46.67	13	43.33	14	46.67	19	63.33	21	70.00
5	None ^A	15	100	15	100	15	100	15	100	15	100	15	100
	Previous admission ^B	15	100	15	100	15	100	15	100	15	100	15	100
6	None ^A	3	100	3	100	3	100	3	100	3	100	3	100
	Previous admission ^B	2	66.67	2	66.67	2	66.67	2	66.67	2	66.67	2	66.67

^A Previously well aside from usual childhood illnesses

^B For asthma, bronchiolitis or other respiratory condition

^C Blocked out cells (N= 0), Light grey (50%), dark grey (>50%)