

Supplementary Table 4: Results from Delphi Survey Round 2

Domain	Outcome <sup>1</sup>	Consensus	Percentage (%) of responders who scored 7-9			Percentage (%) of responders who scored 1-3		
			Medical	Nurses	Parents	Medical	Nurses	Parents
Physiological or clinical (general symptoms)	Appearance	In	72	86	71	1	2	14
	Change to bowel habit	Out	1	0	14	83	71	14
	General medical illness (excluding respiratory illness)	No consensus	36	45	71	2	5	0
	Fever	Out	18	38	29	5	0	0
	Fit/convulsion	No consensus	34	55	100	9	2	0
	Weight	No consensus	20	21	71	8	10	14
	Level of consciousness	In	90	88	100	1	0	0
	Pain and discomfort	No consensus	28	36	86	2	0	0
	Sedation/sedation withdrawal	No consensus	27	46	71	9	11	14
	Non-respiratory physiological parameters/vital signs	In	86	90	100	1	0	0
	Parent report of symptoms and/or resolution of illness	No consensus	63	64	71	0	0	0
	Worsening illness	In	94	98	100	0	0	0
Physiological and clinical (feeding; nutrition and hydration)	Feeding	In	84	83	100	1	2	0
	Need for fluids given through a drip	No consensus	80	85	67	1	2	0
	Need for feeding tube	In	81	88	83	1	2	0
	Inhalation (breathing in) of milk; fluids or solids	In	76	95	100	1	0	0
	Reduced urine output	No consensus	61	79	83	1	2	0
Physiological and clinical (Respiratory distress)	Apnoea	In	97	98	100	0	0	0
	Blood gas sampling	No consensus	41	45	86	3	2	0
	Oxygen saturation	In	94	98	86	0	0	0
	Bronchiolitis severity score	No consensus	60	68	100	3	2	0
	Cyanosis	In	90	95	100	1	0	0
	Respiratory sounds	No consensus	34	76	86	6	2	0
	Effort of breathing	In	92	98	100	0	0	0
	Paediatric Early Warning (PEW) score	In	72	88	100	5	0	0
Physiological and clinical (short term symptoms)	Cough	Out	7	14	33	17	10	0

Domain	Outcome <sup>1</sup>	Consensus	Percentage (%) of responders who scored 7-9			Percentage (%) of responders who scored 1-3		
			Medical	Nurses	Parents	Medical	Nurses	Parents
Physiological and clinical (respiratory infections and complications)	Additional chest infections/pneumonia	No consensus	66	83	100	1	0	0
Physiological and clinical (respiratory interventions and support)	Need for respiratory support	In	98	98	100	0	0	0
	Length of time spent on oxygen	No consensus	25	39	100	4	5	0
	Physiotherapy	No consensus	24	39	67	10	5	0
	Suctioning	No consensus	38	71	83	4	0	0
	Need for other treatments	No consensus	32	46	83	4	0	0
	Need for viral test	No consensus	16	17	67	14	10	0
	Need for medical tests	No consensus	15	24	83	10	2	0
Physiological or clinical (long term conditions)	Recurrent wheeze	Out	36	24	40	3	0	0
	Asthma	No consensus	35	17	60	2	2	0
Physiological and clinical (blood and immune)	Atopic conditions	No consensus	14	12	60	10	5	0
	Allergic sensitisation	No consensus	10	10	60	12	7	0
	Co-infection	No consensus	35	31	80	3	0	0
Physiological and clinical (other)	Health care professional views	No consensus	41	74	50	1	0	0
Life impact (functioning)	Behaviour change	Out	17	10	17	4	2	0
	Sleep	Out	16	19	17	6	5	0
Life impact (health related quality of life)	Quality of life	No consensus	41	21	80	1	0	0
Life impact (tolerability/acceptability)	Compliance with treatments	No consensus	37	62	67	6	0	0
Life impact (carer satisfaction/delivery of care)	Parents views	No consensus	55	64	67	1	0	0
Resource use (hospital related short term)	Emergency service use	No consensus	59	27	50	2	0	0
	Hospital bed availability	No consensus	55	59	67	6	2	0
	Emergency department (ED)	No consensus	69	54	83	2	2	0

Domain	Outcome <sup>1</sup>	Consensus	Percentage (%) of responders who scored 7-9			Percentage (%) of responders who scored 1-3		
			Medical	Nurses	Parents	Medical	Nurses	Parents
	Hospital admission and readmission	No consensus	76	43	67	0	0	0
	Critical care admission	In	95	90	100	1	0	0
	Hospital length of stay	No consensus	79	55	67	1	0	0
	Time until ready for discharge from hospital	No consensus	77	55	17	1	0	0
Resource use (community related short term)	Primary care use	Out	36	27	50	3	2	0
Resources use (economic)	Economic costs	Out	36	18	17	3	3	17
Death	Death	In	95	98	100	1	0	0
Adverse events	Adverse events	No consensus	87	67	83	0	0	0
	Serious adverse events	In	94	83	100	0	0	0
	Long term effects of illness or treatment interventions	No consensus	87	86	67	0	0	0

A preliminary analysis was undertaken by a separate statistician prior to the consensus meeting. The results above are those from the final analysis which identified 2 minor errors from the preliminary analysis: 'Need for medical tests' was originally classified as 'consensus out' but should have been 'no consensus'; 'Primary care use' was originally classified as 'no consensus' but should have been 'consensus out'. During the face-to-face consensus meeting **all outcomes** were discussed and there was specific time set apart to discuss 'no consensus' and 'consensus out' outcomes, therefore it was decided the discrepancies from the preliminary analysis had negligible impact on the final results.