

Diagnostic Performance and Clinical Outcomes of Pertussis in Hospitalized Children in Relation to Available Vaccination Status: A Retrospective Cohort Study.

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Supplementary Table S1. Individual laboratory and clinical characteristics of patients with confirmed pertussis.

Sample	Test method	Anti-PTx IgA [IU/ml]	Anti-PTx IgG [IU/ml]	duration of whooping cough symptoms before hospitalization (w - week)	Vaccination according to the schedule	Time since the last vaccination dose (years)	Type of last vaccine dose
S1	serology	12,8	261,3	ND	ND	ND	ND
S2	serology	13,7	203,9	ND	ND	ND	ND
S3	serology	16,1	237,6	4 w	YES	2	aP
S4	serology	26,6	419,2	3 w	YES	7	aP
S5	serology	27,4	220,2	3 w	NO	9	ND
S6	serology	5,7	104,7	7 w	YES	8,5	aP
S7	serology	-	298,7	4 w	YES	5	aP
S8	serology	-	207,9	6 w	NO	12	wP
S9	serology	24	163	4 w	NO	14	aP
S10	serology	17,8	230	3 w	NO	ND	ND
S11	serology	7,5	154,7	8 w	YES	2	aP
S12	serology	18,1	183	3 w	NO	ND	ND

Sample	Test method	Anti-PTx IgA [IU/ml]	Anti-PTx IgG [IU/ml]	duration of whooping cough symptoms before hospitalization (w - week)	Vaccination according to the schedule	Time since the last vaccination dose (years)	Type of last vaccine dose
S13	serology	21,7	261,2	4 w	YES	3,5	aP
S14	serology	13,7	231,6	3 w	YES	3,5	aP
S15	serology	5,6	236,5	8 w	YES	ND	ND
S16	serology	-	152,2	8 w	YES	ND	ND
S17	serology	8,7	164,8	12 w	YES	5	ND
S18	serology	11,8	225,8	24 w	YES	5,5	ND
S19	serology	-	120,1	24 w	YES	5	aP
S20	serology	5	280,7	5 w	YES	9	aP
S21	serology	-	101,5	8 w	NO	12	wP
S22	serology	15,6	99,8	2 w	NO*	3	ND
S23	serology	6,4	172,6	4 w	YES	ND	aP
S24	serology	15,8	205,1	4 w	YES	ND	ND
S25	serology	17,1	197,9	ND	ND	ND	ND
S26	serology	1,9	105,1	4 w	YES	1,5	aP

Sample	Test method	Anti-PTx IgA [IU/ml]	Anti-PTx IgG [IU/ml]	duration of whooping cough symptoms before hospitalization (w - week)	Vaccination according to the schedule	Time since the last vaccination dose (years)	Type of last vaccine dose
S27	PCR + serology	2,6	44,1	ND	YES	6	aP
S28	PCR + serology	41,6	286,7	4 w	YES	ND	ND
S29	PCR + serology	20,4	46,1	2 w	NO	<1	wP
S30	PCR + serology	0,7	87,3	3 tw	YES	<1	aP
S31	PCR + serology	-	82	2 w	YES	<1	wP
S32	PCR + serology	21	422,4	4 w	YES	3,5	aP
S33	PCR	-	-	4 w	YES	<1	ND
S34	PCR	-	-	1 w	YES	3	ND
S35	PCR	-	-	ND	ND	ND	ND
S36	PCR	-	-	ND	ND	ND	ND

Sample	Test method	Anti-PTx IgA [IU/ml]	Anti-PTx IgG [IU/ml]	duration of whooping cough symptoms before hospitalization (w - week)	Vaccination according to the schedule	Time since the last vaccination dose (years)	Type of last vaccine dose
S37	PCR	-	-	ND	ND	ND	ND
S38	PCR	-	-	4 w	TY	NV	NV
S39	PCR	-	-	3 w	TY	NV	NV
S40	PCR	-	-	1 w	NO	<1	aP
S41	PCR	-	-	<1 w	YES	4,5	aP
S42	PCR	-	-	1,5 w	NO	NV	NV
S43	PCR	-	-	<1 w	NB	NV	NV
S44	PCR	-	-	<1 w	YES	<1	aP
S45	PCR	-	-	1 w	TY	NV	NV
S46	PCR	-	-	1 w	NB	NV	NV
S47	PCR	-	-	<1 w	NO	<1	ND
S48	PCR	-	-	1 w	YES	<1	aP
S49	PCR	-	-	2 w	NO	1	ND
S50	PCR	-	-	1 w	YES	<1	aP

Sample	Test method	Anti-PTx IgA [IU/ml]	Anti-PTx IgG [IU/ml]	duration of whooping cough symptoms before hospitalization (w - week)	Vaccination according to the schedule	Time since the last vaccination dose (years)	Type of last vaccine dose
S51	PCR	-	-	<1 w	YES	<1	aP
S52	PCR	-	-	<1 w	NO	NV	NV
S53	PCR	-	-	1,5 w	NO	6	wP
S54	PCR	-	-	3,5 w	YES	ND	aP
S55	PCR	-	-	1 w	YES	<1	ND
S56	PCR	-	-	ND	ND	ND	ND
S57	PCR	-	-	ND	YES	2	ND
S58	PCR	-	-	6 w	NO	10	wP
S59	PCR	-	-	<1 w	YES	<1	aP
S60	PCR	-	-	2 w	YES	<1	wP
S61	PCR	-	-	<1 w	NB	NV	NV
S62	PCR	-	-	2 w	NO	NV	NV
S63	PCR	-	-	1 w	NB	NV	NV
S64	PCR	-	-	1 w	NB	NV	NV

Sample	Test method	Anti-PTx IgA [IU/ml]	Anti-PTx IgG [IU/ml]	duration of whooping cough symptoms before hospitalization (w - week)	Vaccination according to the schedule	Time since the last vaccination dose (years)	Type of last vaccine dose
S65	PCR	-	-	1 w	TY	NV	NV
S66	PCR	-	-	<1 w	NB	NV	NV
S67	PCR	-	-	1 w	YES	<1	aP
S68	PCR	-	-	2 w	TY	NV	NV
S69	PCR	-	-	3 w	NO	NV	NV
S70	PCR	-	-	2 w	NO	NV	NV
S71	PCR	-	-	3 w	YES	<1	aP
S72	PCR	-	-	3 w	YES	<1	wP
S73	PCR	-	-	1 w	YES	<1	aP
S74	PCR	-	-	5 w	YES	ND	ND
S75	PCR	-	-	3 w	NO	NV	NV
S76	PCR	-	-	3 w	NO	NV	NV

POS - POSITIVE

NEG – NEGATIVE

- Not performed

ND - no data

NV – not vaccinated

TY – too young to be vaccinated

aP - acellular pertussis

wP - whole-cell pertussis