

Supplementary Material: Complete table of anonymized patient data of 60 ColdU patients at Charité Berlin between July 2019 and July 2020

ID	excluded	reasons for exclusion	reasons for incomplete laboratory results	CG	CA	CF	IceCubeTest	TempTest	Diagnosis	Cold-induced Anaphylaxis	First-degree relatives with Cold Urticaria	Age	Gender	Ethnicity	Age of onset of the disease	Time since onset of symptoms in months	Cold-induced pruritus in last 12 month	Cold-induced wheals in last 12 month	Cold-induced angioedema in last 12 month	Other cold-induced reaction in last 12 month	Raynaud's syndrome	Lip cyanosis after cold exposure	Asthma bronchiale	Allergic Rhinitis/conjunctivitis, Atopic dermatitis	Current or Previous Malignancies	Thyroid disorders	Connective tissue disorders
1	-			-	phys	-	+	+	CC	1	0	41	F	3	39	26	1	1	1	Yes	0	0	0	1	0	0	0
2	-	L	N/T	-	N/T	-	+	+	CC	0	0	26	M	3	23	10	1	0	0	Yes	0	0	0	1	0	0	0
3	-			-	phys	-	+	+	CC	0	0	39	F	3	36	38	1	1	0	Yes	1	0	0	0	0	0	0
4	-			-	-	-	+	+	CC	0	0	56	F	3	46	123	1	1	1	Yes	0	0	0	1	0	0	0
5	-			-	phys	-	+	+	CC	0	0	77	M	3	71	72	1	1	0	No	0	0	0	0	0	0	0
6	-			-	-	-	-	-	AC	0	0	27	M	3	22	60	1	1	0	No	0	0	0	1	0	0	0
7	-			-	phys	-	+	+	CC	1	0	56	F	3	20	432	1	1	1	Yes	0	0	0	0	0	1	1
8	-			-	-	-	+	+	CC	0	0	42	F	3	42	4	1	1	0	Yes	0	1	1	1	0	1	0
9	-			-	-	-	+	+	CC	1	0	48	F	3	0	576	1	1	1	Yes	0	0	0	1	0	1	0
10	-			-	phys	-	+	-	CC	0	0	32	M	3	32	9	1	1	1	Yes	0	0	1	1	0	0	0
11	-			-	phys	-	+	+	CC	0	0	36	F	3	31	60	1	1	0	No	0	0	0	1	0	0	0
12	-			-	phys	-	+	+	CC	1	0	30	M	3	28	27	1	1	1	Yes	0	0	0	1	0	0	0
13	-			-	phys	-	+	+	CC	1	0	25	M	3	24	9	1	1	1	Yes	0	0	0	0	0	0	0
14	-			-	phys	-	-	+	CC	0	0	64	F	3	64	3	1	0	0	No	0	0	0	1	1	1	0
15	-			-	-	-	+	+	CC	1	0	67	F	3	64	36	1	1	1	Yes	0	0	0	0	0	1	0
16	-			-	-	-	+	+	CC	1	0	53	M	3	47	144	1	1	1	No	0	1	0	0	0	0	0
17	-			-	phys	-	+	+	CC	0	0	82	F	3	81	14	1	0	0	No	0	0	0	0	0	1	0
18	-			-	-	-	+	+	CC	1	0	66	F	3	64	24	1	0	1	Yes	1	0	0	1	0	0	0
19	-			-	-	-	-	-	AC	0	0	36	F	3	11	600	1	1	1	Yes	1	0	0	0	0	0	0

20	-	-	-	-	-	+	CC	1	0	66	F	3	60	147	1	0	0	No	0	0	0	0	0	1	0	
21	-	-	-	-	-	+	CC	0	0	53	F	3	1	52	1	0	0	No	0	0	1	1	0	0	0	
22	-	-	-	-	-	-	pAC	0	0	45	F	3	38	84	1	1	1	No	0	0	0	1	0	0	0	
23	-	-	-	-	+	+	CC	0	1	17	M	3	11	76	1	1	1	No	0	0	0	0	0	0	0	
24	-	-	phys	-	+	+	CC	0	0	55	F	3	54	14	1	1	1	Yes	0	0	0	0	0	1	0	
25	-	-	-	-	+	+	CC	0	0	29	F	3	16	180	1	1	1	No	0	0	0	0	0	0	0	
26	-	-	phys	-	-	-	pAC	0	0	38	F	3	28	120	1	1	1	Yes	0	0	0	0	0	0	0	
27	-	-	-	-	+	-	ChC	1	0	28	F	3	14	168	1	1	0	No	0	0	1	1	0	0	1	
28	-	-	-	-	-	-	pAC	1	0	66	M	3	41	300	1	1	0	No	1	0	0	0	0	0	0	
29	-	-	phys	-	+	+	CC	1	0	40	M	3	37	49	1	1	1	Yes	0	0	0	0	0	0	0	
30	-	-	-	-	+	+	CC	1	0	60	F	3	30	360	1	1	1	No	0	0	0	0	0	0	0	
31	-	B	-	N/T	-	-	pAC	0	0	31	F	1	25	72	1	1	0	No	1	1	0	1	0	0	0	
32	-	-	-	-	+	+	CC	1	0	29	M	3	26	41	1	1	1	Yes	0	1	0	0	0	0	0	
33	-	-	-	-	+	-	CC	0	0	43	M	3	25	300	1	1	0	Yes	0	0	0	0	0	0	0	
34	-	-	phys	-	-	-	pAC	1	0	19	F	3	10	108	1	1	0	Yes	1	0	0	0	0	0	0	
35	-	-	phys	-	-	-	pAC	1	0	52	F	3	34	216	1	0	1	Yes	0	0	0	0	0	0	0	
36	-	-	+	-	-	+	CC	1	0	30	F	3	30	4	1	1	1	Yes	0	0	0	0	0	1	0	
37	-	-	phys	-	+	+	CC	0	0	14	F	3	10	48	1	1	0	No	0	0	1	1	0	0	0	
38	-	-	-	-	-	+	CC	0	0	44	F	3	36	96	1	1	0	No	0	1	0	0	0	0	0	
39	-	B	-	N/T	-	+	CC	1	1	2	F	1	21	28	1	0	1	Yes	0	0	0	1	0	0	0	
40	-	-	phys	-	+	+	CC	0	0	30	F	2	24	72	1	1	0	No	0	0	1	1	0	0	0	
41	-	-	+	-	-	-	AC	0	0	16	F	3	12	48	1	1	1	Yes	0	0	0	0	0	0	0	
42	-	-	phys	-	-	-	pAC	1	0	45	F	3	42	36	1	0	1	Yes	0	0	0	0	0	0	0	
43	-	-	phys	-	+	+	CC	1	0	25	F	3	25	11	1	1	1	Yes	0	0	0	1	0	0	0	
44	-	L	-	N/T	-	+	CP	0	0	52	F	3	50	24	1	1	0	Yes	1	1	0	0	0	1	0	
45	-	-	-	-	+	+	CC	1	0	30	F	3	24	72	1	1	1	Yes	0	1	0	0	0	0	0	
46	-	-	phys	-	+	+	CC	1	0	39	M	3	39	6	1	1	1	Yes	0	0	0	0	0	1	0	
47	-	-	-	-	-	-	pAC	1	0	50	F	3	42	94	1	1	0	No	0	0	0	1	0	1	0	
48	-	-	phys	-	-	-	pAC	0	1	36	F	3	35	16	1	1	1	No	0	0	0	0	0	0	0	
49	-	-	phys	-	-	-	pAC	0	0	56	F	3	36	480	1	1	0	No	0	0	0	0	0	0	0	
50	1	nl	O	N/T	N/T	N/T	+	+	CC	1	0	39	M	3	29	240	1	1	0	Yes	0	0	0	0	0	0

51	1	nl	L	N/T	N/T	N/T	+	+	CC	1	0	51	F	3	49	24	1	1	0	Yes	0	0	1	0	0	0	0
52	1	na		-	-	-	-	-	N/A	0	0	27	M	3	36	9	1	1	0	No	0	0	0	1	0	0	0
53	1	d		-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	1	nl	B	N/T	N/T	N/T	-	-	pAC	0	0	9	M	3	8	2	1	1	1	No	0	0	0	0	0	0	0
55	1	d		-	phys	-	-	-	N/A	0	0	25	F	3	15	120	0	0	1	Yes	0	0	0	1	0	0	0
56	1	nl	O	N/T	N/T	N/T	-	-	pAC	1	0	39	F	3	11	336	1	0	1	Yes	0	1	0	0	0	0	0
57	1	nl	B	N/T	N/T	N/T	-	-	AC	N/A	1	18	F	3	16	23	1	1	1	Yes	0	1	1	0	0	0	0
58	1	d	B	N/T	-	-	N/A	N/A	N/A	N/A	N/A	56	M	3	46	120	1	1	1	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A
59	1	d	B	-	N/T	-	-	-	N/A	0	1	17	F	1	3	168	1	1	1	No	0	1	0	1	0	0	0
60	1	nl	O	N/T	N/T	N/T	-	-	pAC	1	1	14	F	3	6	96	1	0	1	Yes	0	1	0	1	0	0	0

Legend:

Laboratory results: CF Cryofibrinogens, CG Cryoglobulins, CA Cold agglutinins, phys = within physiological range

reasons for exclusion: nl = no laboratory results, na = no active disease, d = diagnosis other than cold urticaria

reasons for incomplete lab results: O organizational, L Laboratory error, B insufficient blood amount

Diagnosis: CC = Classical acquired ColdU, AC = Atypical ColdU, pAC = probably Atypical ColdU, ChC = Cholinergic ColdU, CP = Cold-induced Pruritus, HC = Hereditary ColdU

Ethnicity: 1 Middle_East, 2 Latino/Hispanic, 3 Caucasian

N/A = information not available