

MONTREAL GENERAL HOSPITAL==CIVIC INFECTIOUS DEPARTMENT.

Diphtheria Antitoxin Statistics, June, 1895, to December, 1895.

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No.	Sex.	Age.	Physical Condition.	Duration of Disease on Admission.	Location of Membrane.	Complications on Admission.	DOSE OF ANTITOXIN.				EFFECTS ON				ALBUMINURIA.				COMPLICATIONS AND SEQUELÆ.			Bacteriological Diagnosis.	Result.	Mode of Death, with Time after Admission.		
							1st.	2nd.	Time after 1st.	Reason.	Pulse.		Temperature.		Before.	After Antitoxin.			Character.	Time of Appearance.	Duration.					
											Rate.	Force.	Reaction.	Febrile Duration.		Amount.	Time of Appearance.	Amount.							Duration.	
1	Female	3 years	Good	2 days	{ Nose Pharynx }		10 cc.				+	—	3° in 4 hours	3 days							None					
2	Male	1½ "	Good	30 hours	Pharynx		8 "				+	+	1½° in 4 "	7 "							None			B. Diphtheriæ.		
3	Female	11 "	Fair	8 days	{ Larynx Pharynx }	Laryngeal stenosis	20 "				+	—	2° in 4 "	4 "	Slight			Increased	5 days	Paralysis of palate	39th day	4 days (?)	"	"		
4	Female	6 "	Poor	2 "	Fauces	Suppression of urine for past 10 hrs.	10 "	10 cc.	10 hours	Croup	+	—	1½° in 1 hour	4 "							None			"	"	
5	Male	3½ "	Good	2½ "	Fauces		10 "	10 "	20 "	Sustained fever	+	—	1½° in 4 hours	2 days	Thick			Thick			Trace	1 day		Death	Uræmia—60 hours.	
6	Female	25 "	Fair	2½ "	Fauces		10 "				—	+	1½° in 8 "	2 "	None			None			None			"	"	
7	Female	10 "	Good	6 "	Fauces		20 "					—	1° in 6 hours	2 "	None			Slight	To exit	Paralysis of palate; paresis of pharynx and of extremities	40th day	2 months	Streptococci	Recovery		
8	Male	28 "	Good	5 "	Fauces	Paralysis of palate	20 "									(?)					None			B. Diphtheriæ.	"	
9	Male	2½ "	Good	18 hours	{ Larynx Fauces }	Laryngeal stenosis (tracheotomy)	10 "	10 cc.	22 hours	Rise of temp.			3° in 4 "	7 "				None			None			Micrococci	"	
10	Male	10 "	Good	2 days	Fauces		10 "	10 cc.	40 hours	Rise of temp.	+	—	3° in 5 "	1 day	Abundant			Thick	3 weeks	Paralysis of palate; neuritic pains in arms	24th day	3 weeks	B. Diphtheriæ.	"		
11	Female	5 "	Good	3 "	Fauces		10 "						1° in 4 "	2 "				None		Erythema multiforme; arthritis; fever	12th day	3 days	"	"		
12	Male	8 "	Good	1 day	Fauces		20 "						1½° in 4 "	2 "				None		None			"	"		
13	Male	27 "	Good	2 days	Pharynx		20 "				—	+	2° in 6 "	3 "	Present	18 hrs. after admission		Thick	14 days	Paralysis of neck and extremities	30th day	3 months	"	"		
14	Male	4½ "	Poor	2 "	{ Larynx Fauces }	Laryngeal stenosis	10 "				+	—	None	1 day				None		None			"	"		
15	Male	6 "	Good	1 day	Fauces		10 "				+	—	1° in 2 hours	3 days		1st specimen		Trace	2 days	None			"	"		
16	Male	6 "	Good	3 days	Fauces		10 "	10 cc.	20 hours	Rise of temp.			1½° in 8 "	4 "		1st "		Trace	1 day	Paralysis of palate; dimness of vision; numbness of hands	30th day	5 weeks	"	"		
17	Male	10 "	Good	2 "	Fauces		10 "						4° in 8 "	2 "				None		Paralysis of palate; disturbed ocular accommodation	20th day	5 weeks	"	"		
18	Male	12 "	Good	3 "	{ Nose Pharynx }		10 "				+	+	2½° in 4 "	5 "				None		None			"	"		
19	Female	5 "	Good	3 "	{ Nose Pharynx }		10 "						3° in 8 "	2 "				None		None			"	"		
20	Male	9 "	Fair	3 "	Fauces		10 "				+	—	2° in 8 "	2 "				None		None			Micrococci	"		
21	Male	7 "	Fair	4 "	{ Nose Pharynx }		10 "				—	—	2° in 4 "	2 "				None		None			B. Diphtheriæ.	"		
22	Male	9 "	Fair	2 "	Fauces		10 "				+	—	None					None		None			"	"		
23	Male	2 "	Good	3 "	Fauces		10 "	6 cc.	24 hours	Croup						1st specimen		Thick		Laryngeal stenosis; intubation; tracheotomy	36 hrs. after admission	No relief	"	Death	8 hrs. after operation.	
24	Female	6 "	Good	1 day	{ Nose Pharynx }		10 "				—	+	3° in 2 hours	4 days				None		None			"	Recovery		
25	Female	13 "	Poor	5 days	{ Nose Pharynx }	Nephritis	10 "						None	4 "	Thick			Thick		Paralysis of palate; evidence of cardiac paral., with urinary suppression	{ 17th day 18th day }		"	Death	Uræmia—19th day.	
26	Male	4 "	Good	1 day	Fauces		10 "				+	—	1½° in 6 hours	2 "				None		None			"	Recovery		
27	Female	5 "	Fair	12 hours	{ Nose Pharynx }		10 "				+	—	2½° in 6 "	1½ "				None		None			"	"		
28	Male	12 "	Good	1 day	Fauces		10 "						2° in 10 "	2 "				Slight	8 days	None			"	"		
29	Female	6 "	Good	12 hours	Fauces		10 "				+	—	3° in 6 "	3 "			1st specimen		Thick		Suppression of urine	4th day		"	Death	Uræmia—6th day.
30	Female	2 "	Fair	7 days	{ Nose Larynx Fauces }	Laryngeal stenosis	10 "				—	+	1½° in 2 "	1 day	Trace			Slight	4 days	Paralysis of palate and paresis of limbs	33rd day	5 weeks	"	Recovery		
31	Male	28 "	Good	6 "	Fauces		20 "				+	—	None	2 days		No specimen				Urticaria (general)	21st day	3 days	"	"		
32	Male	3 "	Good	7 "	{ Larynx Fauces }	Laryngeal stenosis	10 "	10 cc.	18 hours	Increas'd resp. lab'r			None	2 "	None			Slight	10 days	None			"	"		
33	Male	3 "	Fair	4 "	Fauces		10 "				+	—	None	3 "				None		None			"	"		
34	Female	28 "	Good	3 "	{ Larynx Fauces }		20 "						None	3 "	Thick			Thick	Chronic	None			"	"		
35	Female	23 "	Good	2 "	{ Nose Pharynx }	Nephritis	13 "				+	—	None	None				None		None			"	"		
36	Female	5 "	Fair	1 day	Fauces		10 "						2° in 2 hours	2 days				None		None			"	"		
37	Male	5 "	Good	3 days	Fauces		10 "						1° in 6 "	2 "				None		Symmetrical urticaria	15th day	2 days	"	"		
38	Male	22 "	Fair	12 hours	Fauces		10 "						4° in 6 "	2 "				None		None			"	"		
39	Male	19 "	Good	2 days	Fauces		10 "				—	—	None	None				None		Not traced			"	"		
40	Male	24 "	Good	6 "	Pharynx		10 "	10 cc.	12 hours				1° in 2 hours	1 day	Trace	1st day		Thick	33 days	Paralysis of palate; dimness of vision and diplopia; paresis of pharynx and of extremities	{ 28th day 30th day 35th day }	1 month +	"	"		
41	Male	12 "	Fair	3 "	{ Nose Pharynx }		10 "													None			"	"		
42	Male	27 "	Good	2 "	Fauces		10 "	10 cc.	40 hours	M'brane spreading	+	—	None	6 days				None		Paralysis of palate; diplopia; paresis of extremities	31st day	1 month +	"	"		
43	Male	13 "	Fair	2 "	Fauces		12 "						None					None		Paralysis of palate	15th day	4 days (?)	"	"		
44	Female	22 "	Fair	3 "	Fauces		10 "	5* cc.	20 hours	M'brane spreading			3° in 2 hours	2 "				None		Resp. labour—tracheotomy. Reinfection—intubation. Erythema multiforme—fever, arthritis.	{ 2nd day 28th day 34th day }	7 days	"	Recovery		
45	Male	4 "	Good	3 "	{ Larynx Fauces }	Pneumonia Laryngeal stenosis (intubation)	20 "													Not traced			"	"		
46	Female	20 "	Good	8 hours	Fauces		10 "						2° in 12 hours	2 "				None		None			"	"		
47	Male	4 "	Poor	3 days	{ Larynx Fauces }	Laryngeal stenosis	5* "	5* cc.	18 hours	Increas'd resp. lab'r			3° in 2 "	5 "	None	36 hrs. after admission		Thick, blood	7 days	Not traced			"	Death	Uræmia—20 hours.	
48	Female	3 "	Good	3 "	{ Nose Pharynx }	Suppression of urine for prev. 12 hrs.	5* "						1½° in 2 "	2 days				None		None			Micrococci	Recovery		
49	Female	11 "	Good	1 day	Fauces		10 "	5* cc.	24 hours	Rise of temp.			1½° in 4 "	2 "				None		Paralysis of ocular accommodation	21st day	1 month +	B. Diphtheriæ.	"		
50	Male	12 "	Good	24 hours	Fauces		10 "						1° in 2 "	2 "									"	"		

The antitoxin used was that put up by "Institut Pasteur," Paris, except for the last six cases, in which those 5 c.c. doses marked * were of serum prepared by Schering.
As far as possible all cases have been traced, and after the lapse of a month they have been questioned as to the occurrence of any sequelæ.