

TABLE I.

TO SHOW THE ASCORBIC ACID CONTENT OF THE AORTA IN CASES OF SUDDEN DEATH.
ASCORBIC ACID EXPRESSED IN MG/M. PER 100 GM. OF FRESH TISSUE.

Case	Diagnosis	Hours after death	Sex	Age	Ascorbic acid content of aorta
1	Fatal crush injury of neck	4	M.	25	3.0
2	Electrocution	10	M.	25	2.0
3	Drowning	3	F.	25	0.7
4	Fractured skull and ribs	12	M.	45	1.6
5	Fractured skull	10	M.	45	3.5
6	Poisoning, nature unknown	18	M.	48	0.7
7	Cause unknown	12	M.	49	1.5
8	Cause unknown	4	M.	50	0.5
9	Carbon monoxide poisoning	4	F.	51	1.4
10	Sudden death due to myocardial infarction	2	M.	56	1.3
11	Sudden death due to myocardial infarction	6	M.	60	1.0
12	Sudden death due to cerebral hemorrhage	5	M.	65	0.9

TABLE II.

TO SHOW THE ASCORBIC ACID CONTENT OF THE AORTA IN HOSPITAL CASES TREATED WITH ASCORBIC ACID ANTE MORTEM.
ASCORBIC ACID EXPRESSED IN MG/M. PER 100 GM. OF FRESH TISSUE.

Case	Diagnosis	Ascorbic acid therapy	Hours after death	Sex	Age	Ascorbic acid content of aorta
13	Infectious hepatitis	2.5 gm. I.V. over 5 days	20	M.	40	2.8
14	Post-op. gastrectomy for bleeding ulcer	2.0 gm. I.V. over 4 days	2	M.	50	3.5
15	Tales dorsalis. Bleeding gastric ulcer	12 gm. I.V. over 12 days	14	M.	55	1.9
16	Hepatoma	1.5 gm. I.V. in 1 day	8	M.	62	1.7
17	Carcinoma floor of mouth	0.5 gm. I.V. 5 days prior to death	15	M.	69	0.8

TABLE III.

TO SHOW THE ASCORBIC ACID CONTENT OF THE AORTA, CAROTID SINUS AND INTERNAL CAROTID ARTERY IN ROUTINE HOSPITAL AUTOPSIES. ASCORBIC ACID EXPRESSED IN MG/M. PER 100 GM. OF FRESH TISSUE.

Case	Diagnosis	Hours after death	Sex	Age	Ascorbic acid content		
					Aorta	Carotid sinus	Int. carotid
18	Hemangiopericytoma of vulva	7	F.	18	0.7	0.7	0.8
19	Staph. septicemia	15	M.	19	0.2	0.3	0.8
20	Thalamic tumour	9	F.	19	1.0	—	—
21	Uremia, chronic glomerulonephritis	13 ^{1/2}	M.	23	0.6	0.7	1.4
22	Diabetes, Staph. septicemia	20	F.	51	0.7	0	0
23	Bronchogenic carcinoma	16	M.	55	0.9	—	—
24	Carcinoma head of pancreas	12	M.	57	1.0	1.4	5.2
25	Bronchogenic carcinoma	15	M.	59	0	—	—
26	Myocardial infarct, hypercholesterolemia	12	F.	59	0	0	0
27	Carcinoma of tongue	15	M.	60	0	—	—
28	Hypertension	12	F.	62	1.3	1.2	4.3
29	Bronchogenic carcinoma	41	M.	63	1.1	1.1	1.7
30	Diabetes, hypertension, cerebral hemorrhage	26	F.	65	0.6	0.3	0.8
31	Thrombosis of r. int. carotid artery	—	M.	66	0.2	0.1	0
32	Uremia, chronic glomerulonephritis	8	M.	66	0.5	—	0.7
33	Staph. pyogenes bronchopneumonia	13	F.	75	0	0	0
34	Thrombosis of r. int. carotid artery	7	M.	80	0	0	0
35	Cerebral astrocytoma	2	M.	80	0.4	0.1	0.6
36	Prostatic carcinoma	4	M.	82	0	0	0
37	Bronchopneumonia	11	F.	87	0	—	—