

TABLE 45.—ETHER ANESTHESIA IN RELATION TO BROMSULFALEIN RETENTION AND PLASMA NONPROTEIN NITROGEN LEVELS IN 42 PATIENTS

Case No.	Age yrs.	Major Wounds	Degree of Shock	On Admission		Duration of Anesthesia minutes	First Post-operative Day		Second Post-operative Day	
				Dye Retention percent	NPN mg. per 100 cc.		Dye Retention percent	NPN mg. per 100 cc.	Dye Retention percent	NPN mg. per 100 cc.
91	27	Traumatic amputation, thigh . .	None	15	33	90	5	.....	.....	—
106	21	Transection, femoral artery . . .	.....do.....	8	30	180	7	24	1	—
125	34	Perforating, chest; fracture, humerus; gas gangrene	Severe	15	64	150	26	89	6	136
130	27	Compound comminuted fractures, tibia, ilium (with penetrating, chest) . . . . .	.....do.....	3	27	240	3	49	18	60
134	33	Penetrating, abdomen, chest . . .	None	10	35	50	17	.....	12	46
139	26	Penetrating, chest; fracture, femur	Severe	15	53	150	8	36	.....	—
140	23	Penetrating, abdomen	Slight	10	37	175	8	.....	11	41
141	19	Penetrating, abdomen, chest . . .	.....do.....	15	36	135	7	29	4	—
142	24	Penetrating, chest	Moderate	5	26	75	6	29	6	—
144	32	Perforating, face with compound fractures	Slight	10	33	135	8	.....	6	24
145	41	Penetrating, arm, thigh, chest . .	.....do.....	14	43	120	13	.....	8	34
148	25	Traumatic amputation, both lower legs	Moderate	6	46	60	.....	40	.....	—
A-1	23	Penetrating, chest	Slight	6	26	210	1	30	.....	—
A-2	21	Perforating, abdomen . . . . .	.....do.....	7	29	225	2	26	3	—
A-3	25	Penetrating, abdomen	Moderate	7	27	160	22	46	6	60
A-5	17	Traumatic amputation, foot . . .	Slight	6	30	50	0	28	2	21
A-6	22	Penetrating, abdomen	Moderate	31	38	180	34	45	30	46
A-11	?	Penetrating, chest	Slight	14	27	70	6	29	2	31
A-16	23	Penetrating, chest, abdomen . . .	None	6	47	90	10	63	.....	—
A-17	21	Traumatic amputation, lower arm; penetrating, abdomen	Slight	30	31	180	16	34	9	26
A-18	35	Traumatic amputation, leg (with fracture, other leg)	Moderate	40	53	120	12	69	8	43
A-19	26	Compound fracture, tibia	None	23	42	90	17	53	4	36
A-20	29	Traumatic amputation, foot . . .	Slight	15	30	77	1	27	1	23
A-21	21	Near traumatic amputation, mid-thigh	Severe	9	58	90	7	58	2	51
A-22	21	Perforating, liver, kidney	None	23	31	140	10	29	12	—
A-27	25	Penetrating, abdomen . . . . .	.....do.....	0	29	145	0	27	0	26
A-28	20	Compound fractures, femur, humerus	Severe	24	41	195	3	37	2	25
A-29	20	Severed femoral artery . . . . .	.....do.....	22	44	70	4	34	2	29
A-31	20	Perforating, chest	Moderate	11	48	180	6	49	6	25
A-32	19	Penetrating, chest . . . . .	.....do.....	8	37	100	4	46	5	—
A-35	25	Near traumatic amputation, lower leg . . . . .	.....do.....	34	31	60	5	34	.....	—
A-37	19	Compound fracture, humerus . . .	.....do.....	4	36	85	2	29	2	28
A-38	19	Compound comminuted fracture with severe mangling, lower leg	Severe	6	48	215	3	44	3	40
A-40	25	Penetrating, back, abdomen, chest	Slight	0	36	182	1	29	1	26
*122	22	Perforating, chest, abdomen . . .	Severe	19	42	300	30	63	.....	—
*126	23	Thoraco-abdominal	Moderate	0	49	110	30	51	.....	—
*129	20	Penetrating wounds, lumbar region, compound comminuted fractures . . . . .	.....do.....	15	32	125	4	82	6	104
*131	27	Penetrating, chest, abdomen . . .	Severe	10	39	253	16	104	7	116
*143	28	Perforating, chest, abdomen . . .	Moderate	26	38	120	28	66	27	62
*147	23	Penetrating, abdomen	Severe	10	47	163	20	105	.....	—
*A-30	24	Severed femoral artery	Moderate	12	39	120	30	61	39	90
*A-36	21	Multiple soft-tissue wounds, both thighs . . . . .	.....do.....	1	53	210	42	77	.....	—

* Patient died.