ONE HUNDRED CASES OF ANTISEPTIC OVARIOTOMY.

BY JOHN HOMANS, M. D.

No.	Date.	Place of Operation.	Condition.	Age.	Length of Incision.	Adhesions.	Treatment of Pedicle.	Weight of Tumor.	Result.	Remarks.
1	Feb. 27, 1877.	Carney Hospital.	S.	16	4½ in.	Slight and vascular, to omentum.	Tied in halves with carbolized catgut.	21 lbs.	Recov. rap.	Well, strong, and working hard in 1878. Catamenia regular since August, 1877.
2	Mar. 30, 1878.	Carney Hospital.	S.	20	5 in.	Almost universal to anterior and lateral abdominal parietes.	Do.	29 lbs.	Recovery.	Went home at the end of four weeks. Catamenia regular since May, 1878. In November, well and strong. Has gained twenty pounds in weight.
3	Aug. 31, 1878.	Carney Hospital.	W.	58	4 in.	To uterus by strong and thick vascular bands.	Do.	20 lbs.	Recovery.	Went home at the end of four weeks.
4	Sept. 17, 1878.	Carney Hospital.	W.	60	4 in.	Delicate cellular adhesions to envelope, like those of an easily separable fatty tumor.	No pedicle.	24 lbs.	Recovery.	Went home on sixteenth day.
5	Sept. 29, 1878.	Carney Hospital.	M.	24	4½ in.	Slight peritoneal. Extensive omental.	Tied as in other cases.	14 lbs.	Recovery.	Went home on twenty-first day. Peritonitis and purulent inflammation of the cyst walls at time of operation.
6	Nov. 8, 1878.	Boston.	S.	48	4 in.	Strong and intimate to peritonæum, pelvis, to mesentery, and intestine.	Do.	42½ lbs.	Death.	From shock in fourteen hours.
7	Dec. 28, 1878.	Northfield, Vt.	M.	47	5 in.	To intestine and omentum.	Tied with catgut, without transfexion. Several circular ligatures applied.	Not determined.	Recovery.	A burst papillomatous cyst; peritonitis, with patches of lymph on the peritonæum, and considerable ascites were present. Patient had been vomiting, and had hectic fever for two weeks. A piece of cyst wall, adherent to intestine, was cut with scissors, and left otherwise undisturbed.
8	Feb. 13, 1879.	Reading, Mass.	M.	38	Umbil. to pub.	To rectum and pelvis.	Tied with catgut and silk and dropped back.	3 lbs. 80 lbs. ascitic fluid.	Recovery.	Died eight months later of cancer.
9	March 6, 1879.	Carney Hospital.	M.	26	3½ in.	Omental.	Do.	80 lbs. Not weigh'd.	Recovery.	
10	May 11, 1879.	Carney Hospital.	M.	50	Umbil. to pub.	Universal.	Do.		Death.	From shock in three hours.
11	June 26, 1879.	Carney Hospital.	S.	28	3½ in.	Slight parietal.	Tied with many ligatures.	12 lbs.	Recovery.	
12	July 16, 1879.	Carney Hospital.	S.	41	Umbil. to pub.	To abdominal parietes, liver, omentum, and mesentery.	Tied with catgut.	18 lbs.	Death.	Shock.
13	Oct. 1, 1879.	Carney Hospital.	M.	41	5 in.	None.	Do.	21 lbs.	Death.	Hæmorrhage from slipping of catgut ligature ten hours after operation.
14	Nov. 26, 1879.	Carney Hospital.	S.	24	6 in.	Slight.	Tied with carbolized silk and dropped back.	12 lbs.	Recovery.	Both ovaries removed. Menstruation regular, but more painful than before ovariectomy. One cyst dermoid.
15	Dec. 21, 1878.	Carney Hospital.	S.	33	4 in.	Omental and intes.	Do.	25 lbs.	Recovery.	
16	Feb. 8, 1880.	Boston.	M.	39	4 in.	None.	Do.	25 lbs.	Recovery.	
17	Mar. 7, 1880.	Carney Hospital.	M.	28	8 in.	None.	Do.	27 lbs.	Recovery.	Cyst of left broad ligament.
18	Mar. 23, 1880.	Taunton.	M.	37	3½ in.	Slight.	Do.	20 lbs.	Recovery.	
19	April 1, 1880.	Carney Hospital.	S.	18	5 in.	Universal and intimate to anterior parietes, and slight to omentum.	Tied as above, and burnt off with Paquelin's cautery.	46 lbs.	Recovery.	Adhesions burnt off with Paquelin's cautery.
20	April 17, 1880.	Fall River.	M.	48	3 in.	None.	Do.	83 lbs.	Recovery.	
21	April 29, 1880.	Carney Hospital.	S.	58	2½ in.	None.	Do.	14 lbs.	Recovery.	
22	May 18, 1880.	Mt. Holly, Vt.	M.	38	3½ in.	None.	Do.	50 lbs.	Recovery.	
23	July 10, 1880.	Boston.	M.	57	4 in.	None.	Do.	48 lbs.	Recovery.	
24	July 15, 1880.	Carney Hospital.	S.	47	4 in.	None.	Do.	18 lbs.	Recovery.	Cyst of left broad ligament.
25	July 31, 1880.	Carney Hospital.	M.	47	6 in.	Intimate, and recent to omentum and intestines.	Do.	11 lbs.	Recovery.	The omentum turned up and laid on a carbolized towel, and the intestines turned downwards towards the pubes during the removal of the cyst.
26	Aug. 1, 1880.	Carney Hospital.	M.	30	3½ in.	None.	Do.	25 lbs.	Recovery.	Dermoid cyst.
27	Aug. 21, 1880.	Carney Hospital.	M.	29	6 in.	Almost universal and recent to parietal peritonæum.	Do.	23 lbs.	Recovery.	Papilloma.
28	Aug. 22, 1880.	Carney Hospital.	M.	29	6 in.	Slight.	Do.	51 lbs.	Recovery.	Forty ounces of serum removed by aspiration from the left thoracic cavity on the fourth day after ovariectomy.
29	Sept. 1, 1880.	Woburn, Mass.	M.	46	8 in.	To peritonæum, small intestine, and diaphragm; firm and old.	Do.	39 lbs.	Death.	Exhaustion on 5th day. Very hot weather.

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30	Sept. 2, 1880.	Auburndale.	M.	47	7 in.	None.	Tied as above, and burnt off with Paquelin's cautery.	40 lbs.	Recovery.	Fluid gelatinous.
31	Sept. 7, 1880.	Carney Hospital.	M.	27	6 in.	Intimate and old, or congenital, to small intestine, mesentery, and uterus; in fact, incorporated with them.	Do.	20 lbs.	Death.	Shock. Papilloma.
32	Sept. 23, 1880.	Carney Hospital.	M.	33	4 in.	Recent to anterior peritonæum.	Do.	16 lbs.	Recovery.	Sixty-five pounds of ascitic and ovarian fluid removed by tapping within the last three weeks before operation.
33	Oct. 2, 1880.	Carney Hospital.	S.	48	5 in.	Universal, old and new, to peritonæum.	Do.	38 lbs.		
34	Oct. 6, 1880.	Carney Hospital.	W.	38	3½ in.	Solid, old, to uterus, oment. and pelv.	Do.	15½ lbs.	Recovery.	Cyst more or less enucleated.
35	Oct. 23, 1880.	Carney Hospital.	M.	45	2½ in.	None.	Do.	10½ lbs.	Recovery.	
36	Nov. 6, 1880.	Carney Hospital.	W.	31	2½ in.	None.	Do.	21½ lbs.	Recovery.	
37	Nov. 18, 1880.	Carney Hospital.	S.	31	6 in.	To intestine and uterus.	Do.	18 lbs.	Recovery.	The portion of the cyst adherent to bowels was cut out and left behind.
38	Nov. 23, 1880.	Carney Hospital.	W.	52	3 in.	Do.	Do.	30 lbs.	Recovery.	
39	Dec. 1, 1880.	Carney Hospital.	M.	37	6 in.	None.	Tied and burnt off with Paquelin's cautery.	27 lbs.	Death.	Diseased kidneys.
40	Dec. 13, 1880.	Carney Hospital.	S.	54	6 in.	Parietal.	Do.	110 lbs.	Death.	Facial erysipelas on the fourteenth day.
41	Dec. 21, 1880.	Carney Hospital.	S.	38	3 in.	Slight.	Do.	25 lbs.	Recovery.	
42	Jan. 6, 1881.	Carney Hospital.	S.	26	5 in.	None.	Tied and burnt off with Paquelin's thermo-cautery.	14 lbs.	Recovery.	
43	Jan. 26, 1881.	Carney Hospital.	S.	38	5 in.	None.	Do.	15½ lbs.	Recovery.	
44	Jan. 27, 1881.	Carney Hospital.	W.	63	5 in.	To both Fallopian tubes and to sigmoid flexure.	Do.	9½ lbs.	Recovery.	Dermoid cyst. Considerable ascites.
45	April 5, 1881.	Carney Hospital.	S.	40	6 in.	None.	Do.	5 lbs.	Recovery.	Dermoid cyst, and attached to this a spindle-celled sarcomatous tumor. A uterine fibroid, two pounds' weight, also removed.
46	April 14, 1881.	Carney Hospital.	M.	40	4½ in.	None.	Do.	36 lbs.	Recovery.	
47	April 16, 1881.	Carney Hospital.	M.	42	8 in.	Parietal, intestinal, and omental.	Do.	-	Death.	Died of exhaustion on the third day. Very severe operation. Tumor very vascular and nearly solid.
48	April 17, 1881.	Carney Hospital.	M.	29	4½ in.	Strong and old; anteriorly.	Do.	42½ lbs.	Recovery.	Both ovaries removed.
49	May 5, 1881.	Carney Hospital.	M.	34	4 in.	None.	Do.	26 lbs.	Recovery.	
50	May 22, 1881.	Free Hospital for Women.	M.	39	5 in.	None.	Do.	12 lbs.	Recovery.	Much ascitic fluid.
51	May 26, 1881.	Carney Hospital.	M.	42	7 in.	Very vascular; anteriorly and to omentum.	Do.	15 lbs.	Recovery.	Considerable hæmorrhage during operation.
52	June 8, 1881.	Carney Hospital.	M.	40	4½ in.	None.	Do.	10 lbs.	Recovery.	Cyst dark blue, very vascular. In appearance resembling the foetal side of a placenta.
53	June 9, 1881.	Boston.	M.	42	4 in.	None.	Do.	13 lbs.	Recovery.	
54	June 11, 1881.	Carney Hospital.	M.	51	4 in.	None.	Do.	34½ lbs.	Recovery.	
55	June 21, 1881.	Boston.	S.	18	4 in.	Anteriorly and to omentum.	Do.	25 lbs.	Recovery.	
56	June 30, 1881.	Carney Hospital.	W.	55	6 in.	None.	Do.	13 lbs.	Recovery.	Tumor cancerous.
57	July 7, 1881.	Carney Hospital.	S.	30	5 in.	None.	Do.	8 lbs.	Recovery.	Pedicle slipped from clamp before it was burnt off, and in order to pick it up and secure it the incision had to be enlarged.
58	July 11, 1881.	Carney Hospital.	M.	23	4 in.	None.	Do.	11½ lbs.	Recovery.	Cyst of broad ligament
59	July 26, 1881.	Carney Hospital.	S.	14	3 in.	None.	Do.	11½ lbs.	Recovery.	
60	July 27, 1881.	Boston.	S.	49	3 in.	None.	Do.	12 lbs.	Recovery.	Both ovaries removed.
61	Sept. 1, 1881.	Carney Hospital.	S.	24	3 in.	None.	Do.	2½ lbs.	Recovery.	Cyst of the left broad ligament.
62	Sept. 8, 1881.	Carney Hospital.	S.	25	7 in.	None.	Do.	18 lbs.	Death.	Cause of death, acute mania on eighth day. A careful autopsy, by Dr. W. W. Gannett, showed everything healthy and going on well in the peritoneal cavity. Hereditary insanity in the family. Dermoid cyst.
63	Sept. 11, 1881.	Carney Hospital.	M.	41	5 in.	Anteriorly to parietes and to uterus.	Do.	33 lbs.	Recovery.	
64	Sept. 18, 1881.	Carney Hospital.	W.	51	3½ in.	Anteriorly to parietes.	Do.	39 lbs.	Recovery.	
65	Sept. 27, 1881.	Taunton, Mass.	M.	60	5 in.	None.	Do.	10 lbs.	Recovery.	Some ascites.
66	Oct. 4, 1881.	Boston.	M.	45	7 in.	Universal anteriorly and laterally.	Do.	80-90 lbs.	Recovery.	Considerable ascites, which is counted in the weight.
67	Oct. 5, 1881.	Boston.	W.	45	6 in.	None.	Do.	22 lbs.	Recovery.	Both walls of bladder incised. No ill effects.
68	Oct. 24, 1881.	Merrimac, Mass.	S.	57	6 in.	Intestinal.	Do.	5½ lbs.	Recovery.	A portion of sac adherent to bowels left behind.
69	Oct. 29, 1881.	Boston.	M.	48	4 in.	Slight lateral and interior.	Do.	49 lbs.	Recovery.	

No.	Date.	Place of Operation.	Condition.	Age.	Length of Incision.	Adhesions.	Treatment of Pedicle.	Weight of Tumor.	Result.	Remarks.
70	Nov. 15, 1881.	Boston.	W.	47	3½ in.	None.	Tied and burnt off with Paquelin's thermo-cautery.	25½ lbs.	Recovery.	
71	Nov. 19, 1881.	Concord, N. H.	W.	73	6 in.	To peritoneum, omentum, and intestine.	Do.	20 lbs.	Recovery.	The age of the patient did not prevent a very rapid recovery, 99.4° F. being the highest temperature.
72	Dec. 1, 1881.	Provincetown, Mass.	M.	52	6 in.	Burst cyst.	Do.	35 lbs.	Recovery.	Abdomen filled with gelatinous material, — colloid, — which had originally come from a burst dermoid cyst.
73	Dec. 18, 1881.	Free Hospital for Women.	S.	30	7 in.	To intestine and pelvic peritoneum.	Do.	10 lbs.	Death.	Both ovaries removed. The outer surfaces of the tumors of a brown color, and beginning to decay.
74	Jan. 30, 1882.	15 Louisburg Sq., Boston.	M.	27	umbil. to pub.	Omental.	Tied and burnt off with Paquelin's cautery.	18 lbs.	Recovery.	Dermoid cyst.
75	Mar. 14, 1882.	Boston.	S.	43	8 in.	Omental and peritoneal.	Do.	25 lbs.	Recovery.	Died two months later of a recurrent tumor.
76	Mar. 19, 1882.	15 Louisburg Sq.	M.	50	5 in.	None.	Do.	15 lbs.	Recovery.	
77	Mar. 20, 1882.	15 Louisburg Sq.	W.	45	—	Parietal and rectal.	Do.	45 lbs.	Recovery.	Sixty pounds of cystic fluid removed by tapping a few days before operation in order that the patient could be moved to the city.
78	Mar. 25, 1882.	15 Louisburg Sq.	M.	45	6 in.	None.	Do.	13 lbs.	Recovery.	
79	—	15 Louisburg Sq.	M.	25	4 in.	To uterus.	Do.	13 lbs.	Recovery.	Dermoid cyst.
80	April 4, 1882.	Lancaster, Mass.	S.	32	3 in.	None.	Do.	32 lbs.	Recovery.	
81	April 10, 1882.	Boston.	S.	15	3 in.	None.	Do.	24 lbs.	Recovery.	Dermoid cyst.
82	April 12, 1882.	Carney Hospital.	M.	32	6 in.	Omental and parietal.	Do.	10½ lbs.	Recovery.	Whether the tumor was ovarian or uterine was not ascertained till after the abdomen was opened.
83	April 19, 1882.	15 Louisburg Sq.	S.	23	3½ in.	None.	Do.	24½ lbs.	Recovery.	Cyst of the right broad ligament.
84	April 20, 1882.	15 Louisburg Sq.	S.	28	3½ in.	Anteriorly to peritoneum.	Do.	24 lbs.	Recovery.	
85	April 22, 1882.	15 Louisburg Sq.	M.	59	From above umbil. to pub.	None.	Do.	23½ lbs.	Recovery.	Tumor a semi-solid myxoma.
86	April 22, 1882.	Jamaica Plain.	M.	39	Do.	Parietal.	Do.	14 lbs.	Death.	Of heart disease on fifth day. Tumor semi-solid sarcoma.
87	April 23, 1882.	Carney Hospital.	M.	48	4 in.	None.	Do.	22 lbs.	Recovery.	
88	April 29, 1882.	15 Louisburg Sq.	M.	60	From above umbil. to pub.	To ascending colon and to parietes.	Do.	11 lbs.	Recovery.	Adhesions between colon and cyst separated with difficulty.
89	May 5, 1882.	East Boston.	M.	47	3½ in.	None.	Do.	39 lbs.	Recovery.	Cyst of the left broad ligament.
90	May 13, 1882.	15 Louisburg Sq.	M.	41	6 in.	Omental, intestinal, and pelvic.	Do.	12 lbs.	Death.	Seventy pounds ascitic fluid. Drainage tube put in. Died on the tenth day.
91	June 5, 1882.	15 Louisburg Sq.	M.	64	4½ in.	Pelvic.	Do.	7 lbs.	Recovery.	
92	June 12, 1882.	15 Louisburg Sq.	S.	24	4½ in.	None.	Do.	24 lbs.	Recovery.	
93	June 14, 1882.	15 Louisburg Sq.	M.	51	4 in.	None.	Do.	26 lbs.	Recovery.	
94	June 15, 1882.	15 Louisburg Sq.	S.	14	3½ in.	None.	Do.	6½ lbs.	Recovery.	Dermoid cyst.
95	June 19, 1882.	15 Louisburg Sq.	S.	42	3½ in.	None.	Do.	25 lbs.	Recovery.	
96	June 22, 1882.	Carney Hospital.	S.	22	6 in.	None.	Do.	5 lbs.	Recovery.	Dermoid cyst.
97	June 27, 1882.	Annisquam, Ms.	M.	37	5 in.	Parietal and omental.	Do.	5 lbs.	Recovery.	Twenty pounds of pus in cyst. Temperature 101° F. before operation.
98	July 8, 1882.	15 Louisburg Sq.	M.	22	3½ in.	Omental.	Do.	16 lbs.	Recovery.	
99	July 10, 1882.	15 Louisburg Sq.	M.	29	6 in.	Universal.	Do.	30 lbs.	Recovery.	Two arteries near aorta in left lumbar region were with difficulty tied.
100¹	Aug. 16, 1882.	15 Louisburg Sq.	S.	24	3½ in.	None.	Do.	25 lbs.	Recovery.	Cyst of the left broad ligament.

CEREBRAL ANÆMIA AND EXHAUSTION.²

BY S. G. WEBBER, M. D.

AMONG the conditions of the brain most difficult for diagnosis are those in which there is irregular blood supply. Irregular supply of blood necessitates irregular or deficient nutrition. A badly nourished brain is irritable. Jaccoud states this well: "Under the influence of anæmia and of insufficient nutrition the excitability of the nervous elements is diminished, that is to say, its effects are less energetic, and exhaus-

tion is more rapid; but by reason of the diminished vitality of the cells this excitability is aroused by very slight causes, which in health produce no reaction. The abnormal condition is, then, double: on one hand the reaction is weak and of short duration; on the other it is produced by impressions which ought to have no effect. This double condition can be well expressed by the term irritable or excitable weakness."

This condition is found in all cases of illy nourished brains, whether the defect is due to a blood supply deficient in quantity or in quality, or whether it may arise from an excessive supply of blood interfering with the nutrition; the same condition may also arise from exhaustion due to overwork of the nerve cells, the supply of blood being nearly normal, normal I mean in

¹ Total 100 ovariectomies; 87 recoveries; 13 deaths. This is about as well as I can do, unless I refuse the desperate cases. J. H.

² Read before the Boston Society for Medical Observation, March 6, 1882.