

Births, Marriages, Deaths.

Selections.

BIRTHS.

BROWN. At Port Hope, on Wednesday, Oct. 5, the wife of Dr. Fred. J. Brown, of a son.

CLENDENAN.—At Toronto Junction, on Sept. 26th, the wife of Dr. G. W. Clendenan, of a son.

FERGUSON.—On Sunday, Sept. 11th, at 12 McDonnell avenue, Toronto, the wife of Dr. G. A. Ferguson, of a daughter.

McLACHLIN.—At Auburn, Ont., on Sept. 25th, the wife of Dr. J. Y. McLachlin, of a daughter.

MEIKLE.—At Mount Forest, on the 20th inst., the wife of Dr. T. D. Meikle, of a daughter.

MARRIAGES.

COWAN—MICHIE.—At St. Andrew's Church, Toronto, on Oct. 4th, by the Rev. D. J. Macdonnell, B.D., Francis Percival Cowan, M.D., to J. Alex., third daughter of the late John F. Michie, Strathdon, Aberdeenshire, Scotland.

MALLOCH—McNAB.—On Monday, the 12th Sept., at the residence of C. Mah, Esq., Brooklyn, Belgian Consul at New York, by the Rev. Dr. Moment, of Brooklyn, Archibald Edward Malloch, M.D., of Hamilton, Ont., to Alice Barbara, youngest daughter of the late Daniel McNab, of Hamilton.

PATTON—HAMILTON.—On the 22nd of September, 1892, at the residence of the bride's uncle, Albany P. Barr, Esq., Pollokshields, Glasgow, Scotland, J. C. Patton, M.D., of Toronto, third son of the late R. G. Patton, Esq., formerly postmaster of Quebec, to Agnes, only daughter of the late David Hamilton, Esq., of Altrincham, Cheshire, England.

SHANNON—ROSS.—At St. George's Church, Goderich, on October 5th, by the Rev. Canon Young, Dr. J. Reginald Shannon, to Agnes Matilda, daughter of Hon. A. M. Ross.

DEATHS.

BETHUNE.—At Toronto, Wednesday, October 12th, 1892, Norman Bethune, M.D., aged 70 years.

TREATMENT OF CHOLERA. —Volovsky (*Vratch*, No. 31, 1892) says the following method gave excellent results in his hands during a severe epidemic in 1872. Immediately after admission the patient is placed in a bath as hot as can be borne (not under 30° R.), and an icebag applied to the head. A few minutes later he is given a scruple of calomel and an ounce of castor oil, with some wine or brandy. In about half an hour, or as soon as he begins to complain of giddiness, he is taken out of the bath, put to bed, and rubbed dry, after which a large sinapism is applied to the whole abdomen, sides, and lower half of the chest, and kept on for fifteen or twenty minutes. Mild cases recovered most quickly, but even many of those admitted in the algid stage were discharged well in forty-eight hours.—A. D. Pavlovsky, of Kieff (*Kievskoe Slovo*, August 4th, 1892), suggests the following plan for eliminating the cholera bacilli and their toxins in the early stage: A purgative dose of calomel with naphthalin should be given at once, and half an hour later hot, weak tea with rum or brandy. If the patient's general strength and the action of the heart are still good, the subsequent treatment should consist in the administration of small doses of calomel with naphthalin, and hot tea, with claret, brandy, etc. If cramps are complained of, hot packs and baths should be used, and the tinctures of valerian and convallaria given in doses of thirty drops hourly. If there be profuse diarrhoea and tendency to cardiac failure hypodermic injections of a 0.7 per cent. solution of chloride of sodium with carbonate of soda must be resorted to as early as possible. Opium should be avoided.—A. G. Rosenoel (*Vratch*, No. 31, 1892, p. 770) has studied the action of the following substances on the cholera microbe in pure cultivation: Bisulphide of carbon, aniline water, iodine, carbolic acid, iodoform, resorcin, boracic acid, alum, salicylic acid, and thymol. He has come to the conclusion that: (1) All these drugs, except thymol, kill the microbes only when used in very strong solutions. (2) In order to destroy the microbes in a cholera patient's intestines the drugs should be introduced in quantities which would poison the macrobe as well.