

of some cases, and a valuable means of diagnosis in others.

The injections in most of the clinics are made at 10 a.m. At first all were made in the back, but now many are made in the side, because if, by an accident, an abscess forms at the injected point, the patient may lie on the back without any discomfort. Koch's syringe is not universally used. Some prefer those made of asbestos. The reaction generally comes on in about eight hours, accompanied by a rise of temperature to about 101-103, general malaise, headaches, sometimes chills and vomiting. In pulmonary tuberculosis the cough and sputum are apt to be increased for a time, and more bacilli may be found.

The lymph causes inflammation and necrotic changes, and in some portions of the body, such as the knee-joint, the necrosed tissues may be absorbed. There are grave dangers connected with its use. There is especial danger in laryngeal cases, and in such it is well to be prepared for tracheotomy or intubation, on account of the swelling, which may cause stenosis. Most of the investigators agree that the lymph is useful for the purposes of diagnosis, especially in latent cases, whether old and quiescent, or incipient. The dose given at first is one milligram, which is gradually increased to a centigram, and finally to a decigram, which is called the "healing dose." The injections are made, as a rule, at intervals of two or three days. In all cases the symptoms arising from the previous injection must have subsided before a fresh one is made.

At an early date I hope to be able to give the society fuller information relating to this most important discovery of Koch. I have the honor to be, your obedient servant,

JAMES B. THORBURN.

Berlin, Dec. 12th, 1890.

## Births, Marriages, and Deaths.

### BIRTHS.

GORDON.—At 646 Spadina Ave., on Sunday morning, Dec. 21st, the wife of Dr. Gilbert Gordon, of a daughter.

ARTHUR.—At Algona Mills, on Dec. 18th, 1890, the wife of Dr. R. H. Arthur, of a son.

### MARRIAGES.

JEFFS-BROWN.—On Christmas Day, W. H. Jeffs, M.D., Havelock, Ont., to Minnie, daughter of the late Thomas Brown, of Brown Bros.

GREENE-LINCOLN.—On Dec. 22nd, 1890, at Baltimore, Maryland, U.S., Dr. Eardley Herbert Greene, of Toronto, to Elsie, daughter of Wm. Lincoln, Esq., of Baltimore.

McFAUL-CARBERRY.—At Erin, on 17th Dec., Dr. A. M. McFaul, of Stayner, to Mary E., second daughter of Captain Carberry.

McSPADDEN-McBRIEN.—On Thursday, December 11th, 1890, Toronto, Capt. McSpadden, 12th Batt. Y.R., to Minnie, only daughter of the late A. N. McBrien, M.D., Newtonville, Ont., and niece of H. T. McBrien, M.D., Toronto, late of Oshawa.

BURWASH-CRANSTON.—At Arnprior, on the 10th December, 1890, Armon Burwash to Harriet Elizabeth Cranston, eldest daughter of Jas. G. Cranston, Esq., M.D., all of Arnprior.

### DEATHS.

EMES.—On Tuesday, Dec. 16th, Annie A. McLellan, aged 38 years, wife of Dr. S. P. Emes, 41 Gwynne avenue, Toronto, formerly of Drayton.

SAVAGE.—At Weston, on Friday, Dec. 26th, 1890, at 12 p.m., Thomas Young Savage, M.D., aged 58 years.

GORDON.—At 646 Spadina Ave., on Sunday morning, Dec. 21st, the infant daughter of Dr. Gilbert and Minnie Gordon.

## Miscellaneous.

The newly formed chair of Materia Medica and Therapeutics at Michigan University is filled by the election of Dr. John J. Abel as Lecturer for one year. Dr. Herdman has been made Professor of Nervous Diseases and Electro-Therapeutics, resigning his former position of Demonstrator of Anatomy.

CORRECTION.—In a former issue we stated that Drs. Geo. Ross and R. L. MacDonnell, of Montreal, had gone to Berlin. We understand that it is not correct; but that Drs. G. T. Ross and McConnell, of Bishop's College, have gone to Berlin to study Koch's methods.