

MATERIA MEDICA AND THERAPEUTICS.

BY

ALEXANDER H. KOLLMYER, M.A., M.D.

The course of lectures will comprise a complete description of the history, preparation, manufacture, characteristic appearance, action on plants, the lower animals, and on man, together with the uses of all substances that are employed in medicine.

These subjects will be illustrated by plates, diagrams on the black-board, specimens, dried preparations, and the most complete cabinet of medicinal substances in Canada.

Experiments to detect impurities and adulterations, as well as to show the chemical reactions of each article, and carefully prepared microscopical preparations will be exhibited to the class.

The art of prescribing and writing prescriptions will receive particular attention.

Poisons will also be fully described—their modes of detection, as well as their appropriate antidotes.

Each substance will be considered with respect to :

- 1.—Its nature—MATERIA MEDICA.
- 2.—Its preparation—PHARMACY.
- 3.—Its use and administration.—THERAPEUTICS.

These Medicaments will be arranged according to their origin from the Mineral, Vegetable or Animal Kingdom.

The Mineral Salts will generally be described under their respective basic elements, and the Vegetable substance according to a systematic arrangement founded on their chemical composition.

The concluding lectures will be devoted to the consideration of the products of FERMENTATION and DISTILLATION, such as Alcohols, Ethers, Chloroform, Chloral, Carbolic Acid, &c.

Every day, except Saturday, at 2 P.M.

Books recommended—Royle & Headland's *Materia Medica* ; Garrod's *Materia Medica* ; Pereira's *Manual* ; Nelligan's *Medicines* ; and the *United States Dispensary*.

The museum containing substances described in the *Pharmacopœia*, and plates of officinal plants, will be open daily.

Organ.
Root of
Stem, of
internal s
Leaves
venation,
Organ.
Flower
Inflore.
Fruit—
Ovule

Cell fo
mission o
Physio
Root—
Leaves
Physio
Reproa
Fertiliz
Food o
Special

The ge
natural a
will be esp
indigenou
ing and de
out will be
parations

1.—Gen
Histology
2.—Des

Books r
Bentley's
Zoology, 1