

PHYSIOLOGY.

BY

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These lectures will be devoted to the consideration of the structure, composition and properties of the several Fluids, TISSUES, and Organs of the Body ; the natural changes through which they pass ; and the functions they discharge. The following subjects will be described :—

The Structural and Chemical Composition of the HUMAN BODY.

The Principal Elementary TISSUES : Epithelium, Areolar and Fibrous Tissues, Adipose Tissue, Cartilage, Bone.

Serous, Synovial, and MUCOUS MEMBRANES.

The BLOOD.

The CIRCULATION : the structure and functions of the Heart Arteries, Capillaries, and Veins.

RESPIRATION : the Anatomy of the Lungs and Air-passages.

DIGESTION, with a description of the Mouth, Teeth, Salivary Glands, Stomach, Intestinal Canal, Pancreas, and Liver. FOOD.

ABSORPTION : Lymphatic Vessels and Glands ; Lymph and Chyle—their relation to the Blood.

The blood-elaborating GLANDS : the Spleen, Thyroid, Thymus, Renal Capsules, &c.

NUTRITION, and the consideration of ANIMAL HEAT, &c.

SECRETION : the Kidneys, the Mammary Gland, and other Glands not elsewhere described.

The SKIN and its Appendages.

MOTION : Cilia, Muscle.

The NERVOUS SYSTEM : the structure and functions of Nerves and Nerve-Centres, the Spinal Cord, Brain, &c.

The Physiology of the MIND. The SENSES. The VOICE and SPEECH. REPRODUCTION and DEVELOPMENT.

Every day except Saturday at 10 A.M.

Books recommended—Kirke, Dalton, Marshall, Carpenter, Foster.

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