

consoler, a balm and balsam to the harassed spirit; it calms the fretful, makes jovial the peevish." "I define life," he says, "as a process of the will-to-smoke: recurring periods of consciousness in which the enjoyability of smoking is manifest, interrupted by intervals of recuperation." Mr. Morley concludes that "the best pipe of all is the last one smoked at night."

#### A VERITABLE PROP.

After the subsidence of the acute symptoms of any serious febrile disease, an examination of the blood will almost always reveal a degree of anemia in direct proportion to the severity and duration of the primary disease. It is thus always desirable in such cases to adopt measures to revive, restore and reconstruct, and with this object in view, one should begin at the foundation, i.e., the blood itself. To construct new red cells, and reconstruct those which have become dehemoglobinized by disease, nothing is more potent in effect than Pepto-Mangan (Gude). This standard preparation of organic iron and manganese supplies the vital fluid with the elements needed to reconstruct and restore its oxygen carrying capacity, by contributing the necessary hemoglobin. Pepto-Mangan is palatable, absorbable, and promptly assimilable. It encourages the appetite, without disturbing digestion or causing constipation.

#### COLLOSOL MANGANESE.

The value of manganese medication has long been known and its superiority over iron demonstrated in many conditions. Its administration has, however, been attended with such varying results that, until the introduction of Collosol Manganese (i.e., Colloidal Manganese in its most perfect form), considerable discredit has been thrown upon its use.

The action of manganese seems to depend upon the formation of active oxygen and active hydrogen—stimulating the processes of oxidation and reduction, naturally occurring in the body (vide "Practitioner," May, 1918).

As is well known to the student of chemistry, manganese exists in two conditions—the manganous (divalent) and the manganic (trivalent)—and it is by the ready conversion of the one to the other that the oxidizing and catalytic action of the metal is due.

When ordinary molecular solutions of the metal are used, precipitation of insoluble manganese hydroxide takes place within the tissues, with considerable upset of the normal hydrogen-hydroxyl ion concentration of the tissues and body fluids. When Colloidal Manganese hydroxide is injected no upset occurs, as the solution is alkaline and isomorphic and isotonic with the body fluids. In gradual contact with the oxidases and reductases of the tissues the ultra-microscopic particles of manganese