

intubation or tracheotomy; and when intubated the tube can be withdrawn in a much shorter time than heretofore. Antitoxin has conspicuously proved its action in shortening the course of the disease.

Dr. Rosenthal gives it as his opinion that the employment of a concentrated serum permits the injection of smaller amounts of substances other than antitoxin; diminishes the metabolic effect said to be produced by a large amount of foreign serum upon the blood; lessens the dread of injection since we can now employ smaller syringes; permits of larger doses where necessary, and insures more rapid absorption, and more prompt results may be expected. Dr. Rosenthal speaks of the great value of antitoxin (having used Mulford's exclusively during the past year) to produce immunity against diphtheria. In over six hundred cases immunized by him not one showed symptoms of diphtheria, although in many cases isolation could not be carried out, patients having frequently lived in the same room with those affected.

W. A. Y.

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## In the Clinics.

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At the Toronto General Hospital the Esmarch bandage is no longer used in amputations, digital compression of the blood vessels being found sufficient. The principal objection to the bloodless method is that by compressing the capillaries too much it seriously interferes with the local circulation, and thereby injures the nutrition of the stump. Surgeons in the rural districts who may not be able to secure skilled assistants at amputations will probably continue to use the Esmarch bandage, taking the precaution of not leaving it on the limb too long.

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PAMPHLET No. 1, 1896, on "Meat and Milk Inspection," containing the Act providing for the inspection of meat and milk supplies of cities and towns; plans and estimate of cost of a municipal abattoir, and regulations of the Provincial Board of Health regarding the same; also report on inspection of meat and milk, and regulations relating thereto, has been issued by Provincial Board of Health of Ontario. Toronto: Warwick Bros. & Rutter, printers, bookbinders, etc., Front Street West. 1896.