

words, successful treatment demands a knowledge of how and why this organism invades, at times, the urinary tract.

Briefly, as I have already consumed too much of your time, I shall mention two or three laboratory experiments that aim to elucidate this problem: Dr. F. B. Turck² has fed coli bacilli to dogs, causing duodenal and intestinal ulcers. Dr. Helmholtz⁴ who has studied a large number of cases of peptic ulcers in children, has shown that they are due to the coli bacilli and that in one case, where death was due to hemorrhage from a deep duodenal ulcer, the bacteriological findings showed pure culture of coli bacilli. In other words, the invasion is probably hematogenous, through the organism's gaining entrance to the blood by denudation of intestinal mucous membrane.

If we refer to Dr. Neumann's investigation the presence of coli bacilli on out of door objects, we shall see how we may be constantly adding to the virulence of the coli bacilli in our bodies, by introducing new strains, cross-breeding, as it were, especially by eating certain kinds of food, which Dr. Neumann¹ has demonstrated carry this organism, especially fruit, and these experiments explain why, in many cases of intestinal indigestion, as we all have observed clinically, we often get beneficial results by prescribing cooked instead of raw fruits and why in our dietetic regime, in prescribing for coli bacilli infection, we should always prescribe food cooked, instead of raw, for this organism is undoubtedly the main factor in causing intestinal indigestion, toxemia, etc.

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