

## FIRST WEEK—TYPHOID AND DYSENTERY

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8 to 10 Lecture: Preparation and standardization of media.	9 to 10 Lecture: Diagnosis—blood, stool, urine, Widal, Dreyer curve, etc.	9 to 10 Lecture: Prophylaxis; sanitation; vaccination; preparation of vaccine.	9 to 10 Lecture: Sanitary analysis of water.	9 to 10 Lecture: Preparation of immune serum for diagnosis. Serological treatment in experimental and clinical dysentery.	9 to 10 Lecture: Serum treatment of dysentery.
10 to 12 Laboratory: Preparation of media, brilliant green, and selenite media.	10 to 12 Laboratory: Sagar reactions; felling and identification of colonies; indurate double water; slide agglutination.	10 to 12 Laboratory: Preparation and standardization of vaccine.	10 to 12 Laboratory: Completion of unknowns; bacteriological examination of water.	10 to 12:30 Laboratory: Examination of stools for <i>E. dysenteriae</i> and unknown cultures. Classical culture examination of various types of <i>E. dysenteriae</i> . Agglutination tests with Shiga, Flexner, and polyvalent immune serum and types of different <i>E. dysenteriae</i> cultures.	10 to 12 Practical: Completion of agglutination, ind, etc., for recognition of type of unknown culture and suspected stools.
2 to 3 Lecture: Characteristics of non-typhoid group.	2 to 3 Lecture: Epidemiology: water, food, insects, rats.	2 to 3 Lecture: Treatment of typhoid.	2 to 3:30 Lecture: Classification of dysenteric bacilli. Rapid methods of isolation.	2 to 3 Lecture: Pathology of clinical and experimental dysentery. Differences between <i>E. dysenteriae</i> Shiga from Flexner group.	11 to 12:30 Lecture: Epidemiology and prophylaxis of dysentery; Army experiences.
3 to 4 Laboratory: Study of pure culture of colon typhoid and paratyphoid bacilli; colony, growth, staining, reaction, agglutination; inoculations in selenite media and Russell double sugar; plating of carrier stool.	3 to 4 Laboratory: Dreyer-Widal, unknown stool.	3 to 4 Laboratory: Examination of unknown plates, felling; colonies.	3 to 3:30 Practical: (a) Examination of suspected stool for <i>E. dysenteriae</i> . (b) Study of cultural characteristics of various types of <i>E. dysenteriae</i> . (c) Classification of a culture of a type of <i>E. dysenteriae</i> unknown to the student.	3 to 3:30 Practical: Injection of rabbits with culture for pathology. Continuation of practical work started previously.	Reports on unknown cultures completed this afternoon or Sunday morning.