

**ATLAS AND PRINCIPLES OF  
BACTERIOLOGY AND TEXT-  
BOOK  
OF SPECIAL BACTERIOLOGIC  
DIAGNOSIS; PART I - ATLAS**

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Atlas by Dr. K. B. Lehmann & Dr. R. O. Neumann

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**DR. K. B. LEHMANN & DR. R. O. NEUMANN**

**ATLAS AND PRINCIPLES OF  
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DIAGNOSIS; PART I - ATLAS**



ATLAS AND PRINCIPLES  
OF  
**BACTERIOLOGY**

AND TEXT-BOOK OF  
SPECIAL BACTERIOLOGIC DIAGNOSIS

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**PART I—ATLAS**  
*With 632 Figures on 69 Lithographic Plates*

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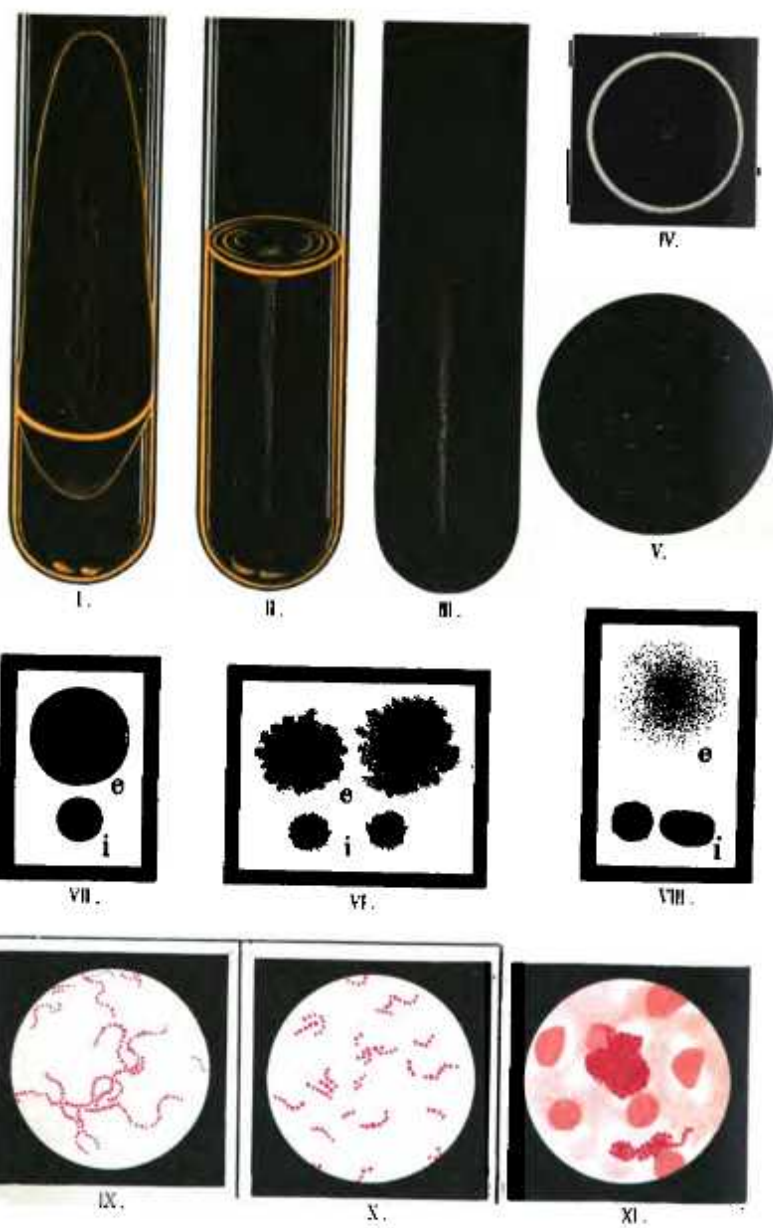
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## PLATE.

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Tab. 1.





**Streptococcus pyogenes.** Rosenbach.

- I. *Agar streak culture*, ten days at 37°.
- II. *Gelatin stab culture*, six days at 22°. So vigorous a growth does not often occur.
- III. *Agar stab culture*, six days at 37°. Stab canal.
- IV. *Agar stab culture*, six days at 37°. Surface growth.
- V. *Gelatin plate*, six days at 22°.
- VI. *Gelatin plate*, six days at 22°.  $\times 70$ . Somewhat abnormal form with irregular borders. The larger colonies are superficial; the smaller, deep.
- VII. *Gelatin plate*, six days at 22°.  $\times 70$ . Common form. The upper, superficial; the lower, deep.
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XII.

PLATE 2.

**Streptococcus lanceolatus.** Gamaleia. (*Diplococcus pneumoniae* A. Fränkel.) (*Pneumococcus*.)

- I. *Gelatin stab culture*, ten days at 22°.
- II. *Agar streak culture*, four days at 37°.
- III. *Agar stab culture*, four days at 37°. Stab canal.
- IV. *Agar stab culture*, four days at 37°. Surface growth.
- V. *Agar plate*, three days at 37°. Natural size.
- VI. *Agar plate*, three days at 37°. × 50. Superficial colony. The darker colony lies near the surface.
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- XI. *Microscopic preparations*: (a) Diplococci as single pairs and in chains. Highly magnified. (b) Diplococci surrounded by gelatinous capsules.

