

**HOSPITAL LABORATORY
METHODS FOR
STUDENTS, TECHNICIANS,
AND CLINICIANS**

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Hospital Laboratory Methods for Students, Technicians, and Clinicians by Frank A. McJunkin

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FRANK A. MCJUNKIN

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M^CJUNKIN

PREFACE

The purpose of this book is to place in the hands of the hospital laboratory worker and the technician of other small laboratories, directions for the tests that are commonly required on specimens sent to such laboratories.

These specimens may be grouped as clinical laboratory (urine, gastric contents, feces, sputum, and blood), bacteriological, surgical and autopsy specimens. The manner in which the material should be handled before and after it reaches the laboratory is indicated in a specific way. There are usually several methods for obtaining the same results but in no case has an attempt been made to enumerate these; the simplest procedure by which the object of the analysis can be obtained with the greatest certainty has been chosen. No methods that are new and not thoroughly tried out have been given.

The interpretation of facts ascertained by chemical and cytological examinations is very often possible only after consideration of the clinical condition of the patient. To place interpretations on laboratory findings, therefore, necessitates a thorough consideration of the various diseases and this has not been attempted.

In our hands, the methods described below are used by the medical students taking clinical pathology and those electing a course in pathologic technic and by non-medical technicians to whom a course covering twenty-four weeks is offered during three consecutive summers.

For whatever merit there is in these methods, I wish to acknowledge my indebtedness to Dr. F. B. Mallory of the Harvard Medical School under whom I received instruction while student and assistant in the laboratory of the Boston City Hospital.

CONTENTS

	PAGE
URINE	1
Introduction	1
Albumin	1
Heller's Test	2
Heat and Acetic Acid Test	3
Rough Estimation by Esbach Method	3
Sugar	4
Fehling's Test	4
Nylander's Test	4
Phenylhydrazin Test	6
Polariscopic Determination	6
Quantitative Determination by Fehling's Method	6
Quantitative Determination by Fermentation	7
Acetone	7
Diacetic Acid	8
Oxybutyric Acid	8
Bile Pigment	8
Diazo-reaction	8
Indican	9
Chlorides	9
Phthalein Test	9
Total Nitrogen	11
Urea Nitrogen	11
Rough Determination of Urea by Ureometer	12
Ammonia Nitrogen	13
Uric Acid	13
Sediment	13
Unorganized Sediment of Acid Urine	14
Unorganized Sediment of Alkaline Urine	16
Organized Sediment	16
Epithelial Cells	17
Pus	17
Blood	17
Casts	17
Cylindroids	17
Mucous Threads	17
GASTRIC JUICE	18
Introduction	18
Fasting Stomach	18
Bread-water Breakfast	18

	PAGE
Microscopic Examination	18
Chemical Examination	19
Günzberg's Test	19
Quantitative Titration	20
Lactic Acid	21
Pepsin	22
Rennin	22
Starch	22
Meat Dinner	22
FECES	22
Introduction	22
Undigested Food Particles	23
Substances Escaping from Biliary Tract	23
Occult Blood	24
Parasites	24
Bacteria	24
Tubercle Bacilli	24
Dysentery Bacilli	24
Bacilli of Typhoid Colon Group	24
Ameba	25
Entameba histolytica	25
Entameba coli	25
Flagellates	25
Cercomonas hominis	25
Trichomonas intestinalis	25
Lambliia intestinalis	25
Infusoria	26
Balantidium coli	26
Nematodes	26
Uncinaria americana	26
Ankylostoma duodenale	26
Strongyloides stercoralis	27
Tricocephalus dispar	28
Ascaris lumbricoides	28
Trichinella spiralis	28
Trematodes	28
Schistosoma hematobium	28
Cestodes	28
Tenia saginata	28
Tenia solium	28
Dibrothrocephalus latus	28
Tenia nana	28
SPUTUM	29
Introduction	29
Gross Examination	29
Fresh Microscopic Examination	30

CONTENTS

ix

	PAGE
Stained Preparations	30
Ziehl-Neelsen Stain	30
Gram's Stain	32
Blood Stain	32
BLOOD	32
Introduction	32
Hemoglobin	32
Tallquist Scale Method	33
Sahli Hemometer Method	34
Miescher Hemoglobinometer method	35
Dare Hemoglobinometer method	37
Enumeration of the Red Blood Corpuscles	37
Enumeration of the White Blood Cells	40
Coagulation Time of the Blood	40
Blood Films	41
Differential Counting of the Leucocytes	42
Lymphoblastic Cells	43
Myeloblastic Cells	46
Endothelial Leucocytes	47
Red Blood Corpuscles	48
Platelets	48
Protozoa in Blood Films	48
McJunkin's Polychrome Stain for Protozoa	48
Widal Reaction	50
Phagocytosis in Vitro	50
Blood Cultures	52
Wassermann Test	55
Introduction	55
Sera	56
Complement	58
Amboceptor	58
Antigen	59
Cholesterin Antigen	60
Acetone-insoluble Antigen	60
Gonococcus Antigen	61
Testing the Antigens	61
Hemolytic Property	61
Anticomplimentary Property	62
Antigenic Property	62
Corpuscles	63
Saline	64
Test	64
Titration for Amboceptor Unit	64
Technic for Actual Test	65
Antigen-complement-amboceptor Table	66
BACTERIOLOGICAL SPECIMENS	68

	PAGE
Introduction	68
Media	72
Plating	72
Tube Cultures	72
Agar	73
Bouillon	75
Litmus Milk	76
Gelatin	76
Dunham's Solution	77
Serum Water	77
Loeffler's Blood Serum	77
Drigalski Medium	77
Petroff Medium for Isolation of Tubercle Bacilli	78
Stains	79
Loeffler's Methylene Blue	79
Gram's Stain	79
Ziehl-Neelsen's Stain for Tubercle Bacilli	80
Capsule Stain	82
Flagellum Stain	82
Spore Stain	82
Special Specimens	82
Cerebro-spinal Fluid	83
Fluid for Tubercle Bacilli	83
Pus or Curettings for <i>B. Aerogenes Capsulatus</i>	84
Material for Tetanus	84
Milk	85
Nose and Throat Cultures for Diphtheria Bacilli	85
Bacterial Vaccines	87
SURGICAL SPECIMENS	88
Introduction	88
Frozen Sections for Immediate Diagnosis	89
Celloidin Sections	91
Hematoxylin-eosin Stain for Celloidin Sections	97
Paraffin Sections	98
Zenker-fluid Fixation	99
Decalcification of Bone	104
Formalin Fixation	104
Alcohol Fixation	106
Cutting Paraffin Sections	107
Eosin-Methylene Blue Stain (Mallory)	109
Phosphotungstic Acid Hematoxylin Stain (Mallory)	112
Aniline Blue Stain (Mallory)	112
Elastic Fibril Stain (Verhoeff)	112
Scharlach R Stain for Fat	113
Hemosiderin Reaction	113
Calcium Reaction	114

CONTENTS

xi

	PAGE
Glycogen Stain	114
Gram-Weigert Stain	114
Treponema Pallidum	114
McJunkin's Stain for Bacteria and Protozoa	115
Tubercle Bacillus Stain	115
Leprosy Bacillus Stain	115
Myelin Sheath Stain	117
Degenerated Sheath Stain	117
Ganglion Cell Stain	117
Chromaffin Cell Stain	118
AUTOPSY SPECIMENS	118
Introduction	118
External Body Surfaces	119
Peritoneal Cavity	120
Pleural Cavities	121
Pericardial Cavity	122
Heart	122
Lungs	122
Spleen	123
Gastro-intestinal Tract	124
Pancreas	124
Liver	124
Kidneys	124
Adrenals	125
Genito-urinary Organs	125
Aorta	125
Neck Organs	125
Brain	126
Middle Ear	127
Naso-pharynx	127
Bone Marrow	127
Spinal Cord	127
Fixation of Autopsy Specimens	127
Museum Preparations	130
INDEX	133