

Practical Manual of
Medical Microbiology
(For Medical, Dental and Paramedical Students)

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CP Prince

MSc (Medical Microbiology), PhD, FAGE

Lecturer

Department of Microbiology

Mother Theresa Institute of Health Sciences

(A Government of Puducherry Institution)

Puducherry, India



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Corporate Office

4838/24 Ansari Road, Daryaganj, **New Delhi** - 110 002, India, +91-11-43574357 (30 lines)

Registered Office

B-3 EMCA House, 23/23B Ansari Road, Daryaganj, **New Delhi** 110 002, India

Phones: +91-11-23272143, +91-11-23272703, +91-11-23282021, +91-11-23245672,

Rel: +91-11-32558559 Fax: +91-11-23276490, +91-11-23245683

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- No. 41/3098, B & B1, Kuruvi Building, St. Vincent Road
Kochi 682 018, Kerala Phones: +91-484-4036109, +91-484-2395739, +91-484-2395740
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- Lekhraj Market III, B-2, Sector-4, Faizabad Road, Indira Nagar
Lucknow 226 016 Phones: +91-522-3040553, +91-522-3040554
e-mail: lucknow@jaypeebrothers.com
- 106 Amit Industrial Estate, 61 Dr SS Rao Road, Near MGM Hospital, Parel
Mumbai 400012 Phones: +91-22-24124863, +91-22-24104532, Rel: +91-22-32926896
Fax: +91-22-24160828 e-mail: mumbai@jaypeebrothers.com
- "KAMALPUSHPA" 38, Reshimbag, Opp. Mohota Science College, Umred Road
Nagpur 440 009 (MS) Phone: Rel: +91-712-3245220, Fax: +91-712-2704275
e-mail: nagpur@jaypeebrothers.com

USA Office

1745, Pheasant Run Drive, Maryland Heights (Missouri), **MO 63043, USA**

Ph: 001-636-6279734 e-mail: jaypee@jaypeebrothers.com, anjulav@jaypeebrothers.com

Practical Manual of Medical Microbiology

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PREFACE

Practical Manual of Medical Microbiology is aimed to help the teachers and students to conduct practical/demonstration classes and to solve the difficulty of maintaining the practical record book.

A sincere effort is made to provide brief knowledge on the principles and procedures of common laboratory experiments. The figures and photographs especially the line diagrams illustrated in this book will be useful to perform various experiments and write the observations and reports. The list of spotters and identification points given in the last chapter will help the students to excel in their practical examinations.

The content of the book covers the syllabus requirements of many Universities and other regulatory bodies like Medical, Dental and Nursing Councils. The WHO recommended test procedures and quality assurance programmes which are mentioned in this book. These procedures and programmes may be helpful to standardise and streamline the experiments in newly established medical institutions all over the world.

This book is tailored to the need of students of MBBS, BDS, BSc (MLT), BSc (Microbiology), DMLT and other paramedical courses and those who work in the field of microbiology needing short and concise information.

I am extremely grateful to Dr V Balu, Dean, Mother Theresa Institute of Health Sciences (MTIHS), Dr V Gopal, Principal, College of Pharmacy, MTIHS and Dr Helen PS Mannuel, former Director-Professor, Madras Medical College for their constant encouragement and support. I owe special thanks and gratitude to my colleagues and family for their support and help.

Readers' suggestions and comments will help for further improvement of the book in future editions.

CP Prince

CODE OF PROFESSIONAL CONDUCT FOR MEDICAL LABORATORY PERSONNEL

1. Place the well-being and service of the sick above your own interests.
2. Be loyal to your medical laboratory profession by maintaining high standards of work and striving to improve your professional skills and knowledge.
3. Work scientifically and with complete honesty.
4. Do not misuse your professional skills or knowledge for personal gain.
5. Never take anything from your place of work that does not belong to you.
6. Do not disclose to a patient or any unauthorised person the results of your investigations.
7. Treat with strict confidentiality any personal information that you may learn about a patient.
8. Respect and work in harmony with the other members of your hospital staff or health centre team.
9. Be, at all times, courteous, patient, and considerate to the sick and their relatives.
10. Promote health care and the prevention and control of disease.
11. Follow safety procedures and know how to apply First Aid.
12. Do not drink alcohol during laboratory working hours or when on emergency stand-by.
13. Use equipment and laboratory ware correctly and with care.
14. Do not waste reagents or other laboratory supplies.
15. Fulfill reliably and completely the terms and conditions of your employment.

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