



Manual of laboratory medicine afip pdf free download

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Lab Med. 2009, 40 (2): 105-113.article, Google scholar, the pre-publishing story of this document can be accessed here: http://www.biomedcentral.com/1472-6963/13/495/ Prepub Page 2 Category CMH RawalPindi AFIP N (%) N (%) Patient Information Name 500 (100%) Età 240 (48%) 360 (72%) Sex 276 (55%) 356 (71%) Ward / Department 270 (54%) 280 (56%) The information Specimen Nature of sample 195 (39%) 207 (41%) Collection date 24 (5%) 86 (17%) Clinical notes 12 (2%) 63 (13%) Medical name 426 (85%) 407 (81%) N = Total number of laboratory request forms reviewed, % = percentage, cmh = Combined Military Hospital, the AFIP = Institute Armed Pathology Forces. [Switch to navigation] Laboratory medicine manual Magg. Gen. Farooq Ahmad Khan, Hi (M) MBBS, MCPS, Dip Endocrinology, FCPS, FRCP (Ireland), Fr. Path (UK), Ph.D (London), MAJ Gen Suhaib Ahmed Brig Tahir Aziz Ahmed MBBS, MCP, FCPS (Heamatology), Ph.D (genetics) MBBS, MCP, FCPS (Microbiology), Fr. 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First Repair Edition Fourth Edition Fourth Edition Revised Fourthe Edition: 1990: 1995: 2003: 2005: 2012: 2012 Price: rs. 700 / - an AFIP Publication Published in Rawalpindi By courtesy of the general office saw letter n. 3543/242 / DMS-5 (B) FUKD8-Dated April 15, 2011 III contributed to the fourth edition MAJ Gen FaroOQ Ahmad Khan, Hi (M) MBBS, MCPS, FCPS (Ireland), FrcPath (UK), Ph.D (genetics) Brig Abdus Sattar MBBS, MCPS, MCPS, MCPS, FCPS (Microbiology), FRC Path (UK), Ph.D (genetics) Brig Abdus Sattar MBBS, MCPS, MCPS, FCPS (Hematology), Ph.D (genetics) Brig Abdus Sattar MBBS, MCPS, FCPS (Hematology), FRC Path (UK), Ph.D (genetics) Brig Abdus Sattar MBBS, MCPS, FCPS (Hematology), Ph.D (genetics) Brig Abdus Sattar MBBS, MCPS, FCPS (Hematology), Ph.D (genetics) Brig Abdus Sattar MBBS, MCPS, FCPS (Hematology), FC (immunology) Brig Dilshad Ahmed Khan MBBS, MCP, FCPS (Chem Pathology), FRCP (Ireland) MS, Ph.D Brig Agha Babar Hussain MBBS, MCP, FCPS (Virology) Brig Shahid Ahmed Abbasi MBBS, MCPS, FCPS, (Microbiology) Brig Shahid Jamal MBBS, FCPS (histopathology) Brig Farhat Abbas Bhatti, Ti (m) MBBS, FCPS, (Hematology), FRCP (Ireland), Ph.D Brig Muhammad Atique MBBS, MCPS, FCPS, (Chemical pathology) Surg Commore AAMIR IJAZ MBBS, MCPS, FCPS, (Chemical pathology), Ph.D Col Tariq Tariq MBBS, MCPS FCPS, (histopathology) Col Syed Raza Jaffar MBBS, MCPS, (Chemical Pathology) Col Tariq Bin Sharif MBBS, FCPS (Chemical Pathology) Col Nasrullah Malik MBBS, MCPS, FCPS (microbiology) With Aamer IKRAM MBBS, MCPS, FCPS (MICROBIOLOGY) OSHE DIP, DISSASS DRASSASS MGMT MISTR (UK), BIOEMS (USA), RBP (US) LT COL IRFAN ALI MIRZA MBBS, MCPS, FCPS (MICROBIOLOGY) LT COL FARHAN AKHTAR MBBS, FCPS, (ISTOPATTOLOGIA) IV Note © neither the publisher nor the editor © or contributors assume no responsibility for any loss or injury and / or damage to persons or property related to any use / practice of the material in this book. It is responsibility of the laboratory staff to determine the best methods of safe laboratory practices. ISBN-978-969-9600 Â © All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form the Institute of Pathology of the forces armed commander, Rawalpindi, Pakistan. V Preface to the Fourth Edition of the manual of laboratory practices. The fourth edition of this manual marks a decade of continuous efforts by contributors to compile a useful reference for good laboratory practices. The manual is an excellent source of assistance to laboratory technologists and pathologists and pathologists and pathologists practicing. Our goal has always been to provide a concise account of the diagnostic lab work routine and be a source of essential information and learning for students at various levels. When someone really needs no guideline or reference for laboratory work, this is the manual which must be consulted. The new edition is filled with substantial improvements both in its format and content. Standard techniques were adopted including references to the source. Progress has been incorporated important in all laboratory technologies, especially in the field of molecular biology, toxicology and immunohistochemistry. The list of references has been updated where it was needed Most of the new procedures was adopted providing their relevant references for further consultations. At the same time, the quidelines of the Institute of Pathology (AFIP) of the Armed Forces have been rewritten to help readers in the implementation of these procedures within their own configurations. The training requirements of the curriculum for F.SC, B.SC and M.SC The technologist training workshop had a special consideration. The editors would like to especially thank the contributors of the previous editions that makes this edition of the handbook of laboratory medicine a true upgrade. Farooq Ahmad Khan Suhaib Ahmed Tahir Aziz Ahmed Khan Dilshad Ahmed Agha Babar Hussain Shahid Ahmed Abbasi Shahid Jamal Muhammad Tahir Ikram Khadim Aamer VI Preface to the first edition of Laboratory Medicine is the key to the provided to patients in the absence of complete and reliable laboratory services. In recent years he has become increasingly For specialists in pathology and laboratory workers to keep up with rapid developments in this field. Every day a new concept is introduced. This location is very difficult for a country like ours, where teaching opportunities are difficult to find mainly the main urban centers in the places. A large number of Provide complete and updated information are already available. However, most of them have been written abroad and is not related to the conditions, which prevail into our institutions. Laboratory workers in our country find it difficult to look for answers to problems they face. This book has been written in order to provide a complete but brief story of laboratory procedures. The emphasis was on the practical aspects of performing various tests and the associated tax. A brief report of the tools and equipment used has also been provided. In a work like this, which strives to cover all the disciplines of the pathology, it is not possible to cover all the test nor there was any attempt to discuss both the interpretation or clinical-pathological background of These tests. As far as possible the simple language was used that our technicians with their limited educational structure can also understand. It would be very useful for writing this book. Many of them have had a vast experience of working and managing laboratories. Even a significant percentage of the young specialist in the pathology that has a personal experience of the difficulties, located in front of small and medium-sized laboratories, contributed. Furthermore, a large number of senior technicians also offered very useful suggestions. We are grateful to them for their contribution. Despite the efforts, which have been involved in writing this manual, we are destined to be a series of omissions and deficiencies. Some of the omissions are deliberated and are designed to keep the book within the limits of the declared objective. As for the shortcomings, we will be grateful if these are communicated to them to satisfy for them in the next edition. We are grateful to Gen Suhail Abbas Jafri, General of the Pakistan Army for its encouragement and orientation without which it may have not been possible to undertake this work. We are also in debt with LT Gen (RETD) S to Ahmad and Professor N to Jafry for their expert guide. We recognize with gratitude the comments offered by Col Amir Hussain Khan, LT Col Shabir Ahmed Kiani, Maggiore Sajjad Hussain Mirza, Maggiore Sajid Mushtain, Major Muhammad Ashraf and Dr. Muhammad Tariq Khan, who were extremely useful in removing some important shortcomings and omissions. Finally, we recognize the secretariat assistance provided by Steno Muhammad Shafique, Hav Sarwar Khan, Hav Muhammad Rashid and the work of honorable Ashraf, our artist and Mr. Muhammad Saleem Baig Our photographer in preparation of illustrations. Manzoor Ahmad Muhammad Saleem Baig Our photographer in preparation of illustrations. € ¢ | ¢ ¢ ¢ ¢ | ighe | Òig | Opay ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ ¢ Ård Àrd Èide Àrd |. 269 â €

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