

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

Colposcopy

A Practical Guide

Second Edition

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

Colposcopy

A Practical Guide

Second Edition

Mahmood I. Shafi

Consultant Gynaecological Surgeon and Oncologist, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust, Cambridge, UK

Saloney Nazeer

Consultant WHO Collaborating Centre in Education and Research in Human Reproduction, Geneva Foundation for Medical Education and Research, Geneva, Switzerland

Cambridge University Press
 978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
 Mahmood I. Shafi and Saloney Nazeer
 Frontmatter
[More information](#)

CAMBRIDGE UNIVERSITY PRESS
 Cambridge, New York, Melbourne, Madrid, Cape Town,
 Singapore, São Paulo, Delhi, Mexico City

Cambridge University Press
 The Edinburgh Building, Cambridge CB2 8RU, UK

Published in the United States of America by Cambridge University Press, New York

www.cambridge.org
 Information on this title: www.cambridge.org/97801107667822

First edition © Fivepin 2006
 Second edition © M. I. Shafi and S. Nazeer 2012

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published by Fivepin, 2006
 Second edition published by Cambridge University Press, 2012

Printed in the United Kingdom at the University Press, Cambridge

A catalogue record for this publication is available from the British Library

Library of Congress Cataloguing in Publication data
 Shafi, Mahmood.

Colposcopy : a practical guide / Mahmood Shafi, Saloney Nazeer. – 2nd ed.
 p. ; cm.

Includes bibliographical references and index.

ISBN 978-1-107-66782-2 (pbk.)

I. Nazeer, Saloney. II. Title.

[DNLM: 1. Colposcopy – methods. 2. Cervix Uteri – pathology. 3. Uterine Cervical Diseases – diagnosis.

4. Vagina – pathology. 5. Vaginal Diseases – diagnosis. WP 250]

618.1'407545–dc23

2011049750

ISBN 978-1-107-66782-2 Paperback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.

Every effort has been made in preparing this book to provide accurate and up-to-date information, which is in accord with accepted standards and practice at the time of publication. Although case histories are drawn from actual cases, every effort has been made to disguise the identities of the individuals involved. Nevertheless, the authors, editors and publishers can make no warranties that the information contained herein is totally free from error, not least because clinical standards are constantly changing through research and regulation. The authors, editors and publishers therefore disclaim all liability for direct or consequential damages resulting from the use of material contained in this book. Readers are strongly advised to pay careful attention to information provided by the manufacturer of any drugs or equipment that they plan to use.

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

This book is dedicated to the love and support of our respective parents – Mohammed Shafi, Alam Begum Shafi; Mohammed Akhtar Khan and Nusrat Akhtar.

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

Contents

Foreword page ix
Preface xi
Acknowledgements xii
Glossary of terms xiii

1. Basic principles of colposcopy	1
2. The normal cervix and colposcopic appearance	7
3. Natural history of cervical carcinoma, HPV, and vaccination	11
4. Colposcopic appearance of CIN	16
5. Colposcopic directed biopsies	26
6. Invasive cervical disease	30
7. Glandular disease	35
8. Inflammatory and infective conditions of the cervix and anogenital tract	38
9. Management techniques	46
10. Follow-up after treatment	54
11. Vaginal abnormalities	57
12. Vulvar disease	62
13. Pregnancy and puerperium	68
14. Menopause, contraception, immunosuppression, HIV, and smoking	72

Further reading 75
Index 76

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

Foreword

Since colposcopy was described first by Hinselmann in 1925, many books have been written to help doctors understand and learn the technique. Each has dealt with the subject in its own way and over the years, as knowledge has evolved, these texts have recognized the need to include not only a description of colposcopic features and pattern recognition, but an understanding of the aetiology of cervical cancer and the principles behind the management of women with cervical problems.

The authors are both experts in their respective fields and in this second edition they have produced

well-structured and informative text that will be of immense value to trainees and established colposcopists alike by allowing them to have a greater appreciation of the rationale behind colposcopy and its role in the management of cervical disease and prevention of cervical cancer.

Joe Jordan

Past President of International Federation for Cervical Pathology and Colposcopy (IFCPC); European Federation for Colposcopy (EFC); British Society for Colposcopy and Cervical Pathology (BSCCP)

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)

Preface

This book is aimed as a practical guide for those involved with colposcopy. All the chapters have been updated including the latest nomenclature, staging, classification and treatment guidelines, which are evidence based. There are also additional sections on HPV vaccination and applicability of HPV-based technologies in clinical practice. The manual is aimed at trainees and trainers wanting concise information in relation to the practice of colposcopy. Professions allied to medicine and nurses will also find the book

helpful in understanding the principles in relation to colposcopy. It is anticipated that the guide will be applicable to both UK and international healthcare professionals. The chapters provide clear guidance in the core areas. For those requiring further information, the suggested reading list will provide additional and detailed information relevant to colposcopy and the various topics covered in the chapters.

MIS
SN

Acknowledgements

We acknowledge photographic material included in this book from our friends and colleagues.

Dr. A. Allawatagama, Liverpool, UK for providing pictures on cervical HPV and CIN.

Dr. I. Duncan, Dundee, UK for providing the pictures on cold coagulation.

Dr. S. Gull, Bury St. Edmunds, UK for providing pictures of Paget's disease and vulvar warts.

Dr. M. Huengsberg, Birmingham, UK for providing the picture of candidiasis.

Mr. C. Mann, Birmingham, UK for providing the picture of cervical cancer in pregnancy.

Dr. R. Moseley, Cambridge, UK for providing images of cytological abnormalities and help with digitisation.

Dr. T. P. Rollason, Birmingham, UK for providing histological images.

Dr. B. Rous, Cambridge, UK for providing images of cytological abnormalities.

Dr. P. Sasieni, Cancer Research UK for allowing a modified flowchart of natural history of CIN to be used.

Professor A. Singer, London, UK for providing the picture of atrophic cervix.

Dr. C. Sonnex, Cambridge, UK for providing images of HPV infections and cervicitis.

Dr. G. Teale, Australia for allowing use of the diagram depicting CIN.

Mr. D. Williams, UK for providing cytological images.

Glossary of terms

AGC	Atypical glandular cells	ISSVD	International Society for the Study of Vulvovaginal Disease
AIS	Adenocarcinoma in situ	IUCD	Intrauterine contraceptive device
ALO	Actinomyces-like organisms	IVU	Intravenous urogram
ASC-H	Atypical squamous cells, cannot exclude HSIL	LBC	Liquid-based cytology
ASC-US	Atypical squamous cells of undetermined significance	LCR	Ligase chain reaction
ATZ	Atypical transformation zone	LEEP	Loop electrosurgical excision procedure
BSCCP	British Society for Colposcopy and Cervical Pathology	LLETZ	Large loop excision of the transformation zone
BV	Bacterial vaginosis	LS	Lichen sclerosus
CCI	Clinico-colposcopic index	LSIL	Low-grade squamous intraepithelial lesion
CGIN	Cervical glandular intraepithelial neoplasia	MRI	Magnetic resonance imaging
CIN	Cervical intraepithelial neoplasia	NETZ	Needle excision of transformation zone
CIS	Carcinoma in situ	NOS	Not otherwise specified
CT	Computed tomographic scan	OR	Odds ratio
CTZ	Congenital transformation zone	Pap smear	Papanicolaou smear
CO ₂	Carbon dioxide	PCR	Polymerase chain reaction
DNA	Deoxyribonucleic acid	PET	Positron emission tomography
DES	Diethylstilboestrol	PID	Pelvic inflammatory disease
ECC	Endocervical curettage	QA	Quality assurance
EFC	European Federation of Colposcopy	SCC	Squamous cell carcinoma
EMPD	Extramammary Paget's disease	SCJ	Squamocolumnar junction
FIGO	Federation Internationale de Gynecologie et d'Obstetrique	SIL	Squamous intraepithelial lesion
FNA	Fine-needle aspiration	STD	Sexually transmitted disease
5FU	5-Fluorouracil	SWETZ	Straight-wire excision of transformation zone
HAART	Highly active antiretroviral therapy	TBS	The Bethesda System
HIV	Human immunodeficiency virus	TNM	Tumor, node, metastasis
HPV	Human papilloma virus	TZ	Transformation zone
hrHPV	High-risk human papilloma virus	VaIN	Vaginal intraepithelial neoplasia
HSIL	High-grade squamous intraepithelial lesion	VIN	Vulvar intraepithelial neoplasia
HSV	Herpes simplex virus	VLP	Virus-like particle
IFCPC	International Federation for Cervical Pathology and Colposcopy	WHO	World Health Organization

Cambridge University Press
978-1-107-66782-2 - Colposcopy: A Practical Guide: Second Edition
Mahmood I. Shafi and Saloney Nazeer
Frontmatter
[More information](#)
