

Concise Haematology

deals with the common topics which are essential for the undergraduate medical students to learn. An attempt has been made to provide complete information of the particular disease in one framework so that the students can easily revise the topics and also should be able to discuss the problematic cases during the clinical rounds. The book has recent classification of the important diseases, flowcharts, illustrations and tables.

The basic laboratory techniques have been described, highlighting each small important step. There is a separate section on transfusion medicine, including exchange transfusion and haematopoietic stem cell transplantation.

Important facts have been highlighted under the heading *Points to Note* so that students may remember and retain the information in a point-wise manner. Multiple choice questions (MCQs) are given at the end of chapters which will help the readers in preparing for the professional examination and also self-assessment.

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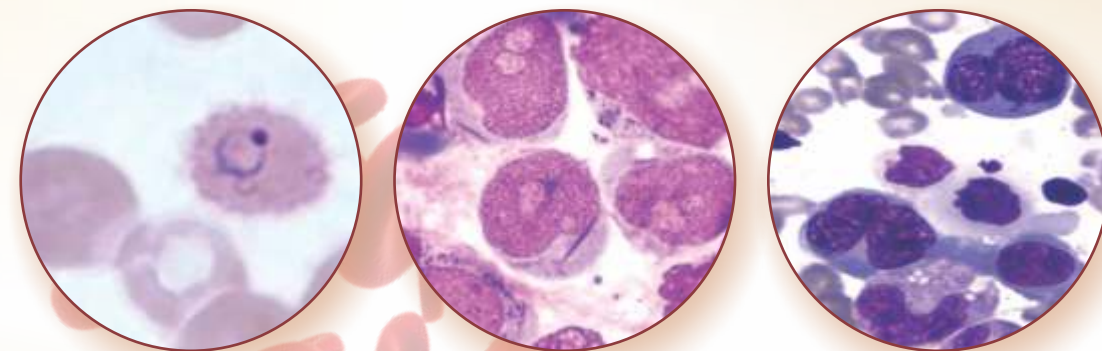


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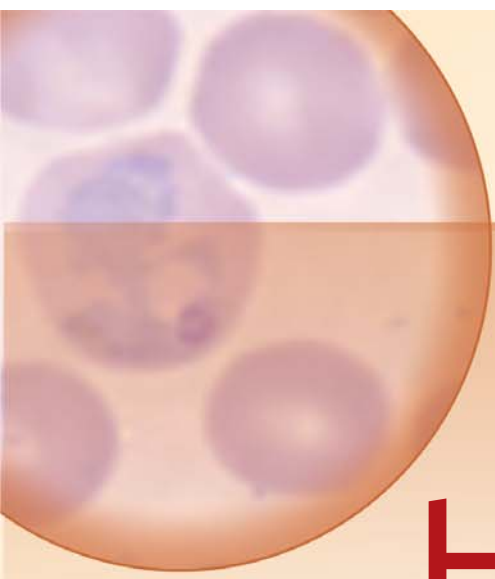
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Preface

The book *Concise Haematology* can easily be considered as the nutshell of haematology and transfusion medicine.

Keeping in mind that the book is meant mainly for the undergraduate medical students, an attempt has been made to include those topics which are necessary for them so that they can utilise the subject knowledge to correlate the haematological findings with the clinical presentation of the cases during their study and future career.

Even the postgraduate students can easily revise the topics while going through this book during their examination rather than reading exhaustive textbooks.

A tremendous change has occurred during the last 2–3 decades in diagnostic techniques. Besides routine haematology, other methods like cytochemistry, immuno-haematology, cytogenetics, molecular analysis and tumour markers study have been employed to arrive at a definite diagnosis of blood disorders.

Our main aim is the accuracy of diagnosis by correlating the laboratory data with the clinical practice because once the diagnosis is established the management of the cases becomes easy. The authors have tried to include these new method wherever possible.

First few chapters deal with the genesis of the haematopoietic cells (haematopoiesis) including cell morphology and importance of examination of the peripheral smear and bone marrow aspiration. These tests can diagnose most of the blood disorders.

Common topics of anaemias, leukaemias, bleeding and coagulation disorders and other haematological ailments have been discussed particularly imparting only the relevant knowledge regarding the etiopathogenesis, clinical presentation, diagnosis and management of the disease (though in short). Latest WHO classification and guidelines of the disorders have been included.

Though most of the lesions of the lymph nodes are generally diagnosed by fine needle aspiration cytology, imprint cytology and histopathology, the authors have tried to reproduce the salient features of the lesions of the lymphoid system, particularly lymphomas, in a concise form. This is done in keeping the interest of the students as they commonly come across in the clinics with the cases having single lymph node enlargement or generalised lymphadenopathy.

The authors have tried to illustrate the book with colour microphotographs, flowcharts and other relevant photographs which can be easily accepted by students to feed in their memory.

The topic of blood bank or transfusion medicine has been dealt in details, e.g. selection of a suitable donor, compatibility testing of donor blood with that of recipient, adverse transfusion reaction, uses of different blood components, and importance of bone marrow or haematopoietic stem cell transplantation.

A full chapter is on laboratory techniques with which the students must be familiar as most of the *viva voce* questions are asked about these techniques and the interpretation of results.

At the end of each chapter a list of MCQs has been added for self-assessment of the students particularly related to that topic. Certain salient points which students must know have been highlighted under the heading "Points to Note" wherever feasible.

The references pertaining to the particular topic and various books consulted are enlisted at the end of the chapter. A healthy criticism and suggestions will be highly appreciated.

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We would like to extend our thanks to Mr SK Jain, CMD, CBS Publishers and Distributors, for publishing this book, and Mr Sunil Dutt who pushed us for writing this book. Finally, although sincere effort has been made to be as accurate as possible, there could be an element of error. Users' feedback and suggestions are highly appreciated. This will help us to improve it further.

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