

1. Record Nr.	UNINA9910816315703321
Autore	Gatter Kevin
Titolo	Bone marrow diagnosis : an illustrated guide / / Kevin Gatter, David Brown
Pubbl/distr/stampa	Chichester, England : , : Wiley Blackwell, , 2015 ©2015
ISBN	1-118-95204-9 1-118-95206-5 1-118-95205-7
Edizione	[Third edition.]
Descrizione fisica	1 online resource (235 p.)
Disciplina	616.4/1075
Soggetti	Bone marrow - Examination
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Title page; Copyright page; Contents; Preface to the third edition; Preface to the first edition; CHAPTER 1: Introduction; Reasons for performing bone marrow biopsies; How to examine a trephine section; References; CHAPTER 2: The normal bone marrow; Site of haematopoiesis; Components of the normal bone marrow trephine; Bone; Stroma; Haematopoietic tissue; Other cells; References; CHAPTER 3: Infections including human immunodeficiency virus; Bacterial infection; Viral infection; HIV infection; Clinical features; Histopathology of the bone marrow; Reactive features; Secondary infections MalignanciesDiagnostic problems; Reference; CHAPTER 4: Anaemias and aplasias; Anaemias; Iron deficiency anaemia; Copper deficiency anaemia; Anaemia of chronic disease; Haemolytic anaemia; Megaloblastic anaemia; Congenital dyserythropoietic anaemias; Aplasias; Acquired aplastic anaemias; Congenital aplastic anaemias; References; CHAPTER 5: The myelodysplastic syndromes; Myelodysplasia; Clinical features; Histopathology of the bone marrow; Cellularity; Abnormalities of marrow architecture; Dysmegakaryopoiesis; Dyserythropoiesis; Dysgranulopoiesis; Abnormally located immature precursors Histological correlation with the WHO and FAB classificationsChronic

myelomonocytic leukaemia; Clinical features; Diagnosis; Histopathology of the bone marrow; Diagnostic problems; Differential diagnosis; Secondary MDS; Overlap between myelodysplasia and myeloproliferation; References; CHAPTER 6: Myeloproliferative neoplasms; Classification of MPN; Chronic myeloid leukaemia; Clinical features; Histopathology of the bone marrow; Diagnostic problems; Polycythaemia vera; Clinical features; Histopathology of the bone marrow; Diagnostic problems; Essential thrombocythaemia; Clinical features

Histopathology of the bone marrow; Diagnostic problems; Primary myelofibrosis; Clinical features; Histopathology of the bone marrow; Acute myelofibrosis; Diagnostic difficulties; Mast cell disease; Histopathology of the bone marrow; Differential diagnosis; Transient myeloproliferative disorder; Myeloproliferative neoplasms with eosinophilia and rearrangements of PDGFRA, PDGFRB or FGFR1; References; CHAPTER 7: Acute leukaemia; Classification; Acute myeloid leukaemia; Classification; Histopathology and immunophenotyping; Diagnostic problems; Acute lymphoblastic leukaemia; Transplantation and post-transplantation lymphoproliferative disorders; References; CHAPTER 8: Lymphomas: an overview; What does the clinician require from the pathologist?; B cell neoplasms in the WHO classification; Precursor B-cell neoplasm; Mature B-cell neoplasms; T cell and natural killer cell neoplasms in the WHO classification; Hodgkin lymphoma; References; CHAPTER 9: Precursor B and T lymphoblastic leukaemia (acute lymphoblastic leukaemia) and lymphoblastic lymphoma; Histopathology of the bone marrow; Cytogenetics of B lymphoblastic leukaemia/lymphoma; Cytogenetics of T lymphoblastic leukaemia/lymphoma

Sommario/riassunto

Bone Marrow Diagnosis is an essential resource for all those who need to report bone marrow trephine biopsies. The text will be succinct and concentrates on the core information necessary to make an accurate diagnosis. Each diagnostic entity will be accompanied by high quality images which show typical and more unusual examples of histological features. Each section will be comprehensively revised by an international team of authors. Over 900 high quality colour images will accompany each diagnostic entity. There will be coverage of cytology in sections relating to myeloid dysplasias and acute
