

The webpage - MDS Diagnostics

Introduction

The symptoms of MDS are often not specific and a precise diagnosis can only be made by comprehensive examinations of blood and bone marrow samples. The diagnosis of MDS is based on cell morphology and is often not simple; not all clear-cut examples of abnormal blood and marrow cells (myelodysplasia) in the three major cell lines of hematopoiesis represent MDS. The precise diagnosis of MDS is the key for assessment of prognosis and planning risk adapted treatment.

For help and assistance of physicians (hematologists as well as pathologists) to identify and diagnose MDS in general and MDS-subtypes in detail, Prof. Germing initiated the MDS specific website. He brought together scientific colleagues with decades of experience in the field of diagnostics and prognosis of MDS. These experts participate in the content of the website with their own contributions and presentations. These experts of the scientific committee and their contributions will be presented in a short form below.

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WELCOME

The myelodysplastic syndromes (MDS) belong to the most frequent bone marrow disorders and have a variable clinical course. A correct diagnosis according to the WHO-classification is the first step towards an individual prognosis and treatment strategy for the best possible clinical outcome of each patient. We would like to involve you in to the diagnostic work-up process and make you familiar with the interpretation of the results and discuss the variety of clinical, laboratory, morphologic, flowcytometric and cytogenetic factors influencing or reflecting individual prognosis of MDS.

WELCOME DR. KATHRIN KIOCK
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COURSES

- CYTOGENETICS**
Practice your own scoring and the get personal outcome opinion by Dr. Haase
TESTING METHOD COURSE DURATION: 45 MIN
- MOLECULAR FINDINGS**
Practice your own scoring and the get personal outcome opinion by Dr. Itzykson
TESTING METHOD COURSE DURATION: 30 MIN
- FLOW CYTOMETRY**
Practice your own scoring and the get personal outcome opinion by Dr. van de Loosdrecht
TESTING METHOD COURSE DURATION: 133 MIN

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LECTURES

- CYTOMORPHOLOGY**
Dr. John M. Bennett
LECTURE DURATION: 17 MIN
- CYTOGENETIC PROGNOSIS**
Dr. Detlef Haase
LECTURE DURATION: 13 MIN
- THE USE OF MOLECULAR DIAGNOSTICS IN PATIENTS WITH MDS**
Dr. Raphael Itzykson
LECTURE DURATION: 14 MIN

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www.mdsdiagnosis.com homepage screen shot

The members of the scientific committee

Dr. U. Germing is the vice head of the Department of Haematology, Oncology and Clinical Immunology, Heinrich-Heine-University, Düsseldorf, Germany. His focus is diagnosis, classification and prognosis of MDS. He is giving a presentation on prognosis of MDS including the scoring systems and new prognostic parameters on the website. In addition to Professor Germing following well-known MDS experts participate in the website content, which illustrate various aspects and branches of MDS diagnosis.

Dr. J.M. Bennett is one of the world's leading authorities on Myelodysplasia. He is first author of the FAB classification of MDS, that was the start for scientific work in the field of MDS. In a lecture and in a course he presents the topic of Cytomorphology including the morphologic characteristics of specific MDS subtypes.

Dr. Solé is one of the world's leading authorities on Cytogenetics in Myelodysplasia. He was involved in the revised prognostic IPSS-R system. >>>

KOL2KOL COMMUNICATOR

NEW QUESTION

QUESTIONS AND ANSWERS

Dear Doctor with an interest in MDS, if you would like to raise a question or a comment to one of our leading physicians of this website, please insert your question or comment in the box below. Please allow us a 24h - 48h time window to check your comment and ask the regarding KOL for his answer to this. We will then update this website with the answer. You can then answer this again if you like and will also receive an email when new answers are available on this specific subject. Many thanks for your valuable feedback!

Please enter your question, comment and/or note:

Question to

Question about

SUBMIT QUESTION >

KOL2 KOL communicator

On the website he introduces the Fluorescence in situ hybridization method (FISH) as a complement to the conventional cytogenetics in MDS diagnosis and presents specific marks in MDS patients. Both held in a lecture and a course.

Dr. Haase is the Director of the Tumorcytogenetic Laboratory and of the Laboratory for Specialised Haematologic Diagnostics at the Department of Haematology and Oncology, Georg-August-University of Goettingen In a lecture and a course, he presents the topic cytogenetic analysis in MDS patients regarding abnormalities correlated with specific MDS-subtypes and its effect in treatment and prognosis.

Dr. R. Itzykson is Assistant Professor in the Hematology Department at Hôpital Saint-Louis, Paris. His clinical research focuses on the treatment of MDS with hypomethylating agents. His basic research topics are the clonal architecture of myeloid malignancies, the clinical and molecular prognostic factors of MDS, and on the pathogenesis of CMML.

In a lecture and a course, he presents the role of mutations in MDS in general and for some MDS-subtypes, regarding their clinical relevance and its effect in treatment and prognosis.

Dr. L. Saft, is a specialist (consultant) in clinical pathology & cytology, and head of the Hematopathology and Flow cytometry Section at the Department of Pathology, Karolinska University Hospital, Solna and Stockholm. In a lecture and a course, she presents the topic of Histomorphology in bone marrow (BM) of MDS patients.

Dr. A. van de Loosdrecht is professor of hematology at the department of Hematology, VUmc, Amsterdam. His research focus on the role of flow cytometry in the diagnosis, prognosis and monitoring of MDS. He is one of the global specialists in flow cytometry in MDS. In a lecture and a course, he introduces the technique of flow cytometry and presents major findings in this field for patients with MDS. He describes what kind of additional information flow cytometry can provide regarding prognosis and diagnosis.

Lessons and courses are the core content of the website MDS diagnosis and provide not only information over subareas in MDS diagnostics; the visitor can also give feedback to lessons, courses and patients profiles. The patient profiles are fictional profiles with fictional pictures and do not present a real person.

For 2015, the website provides a platform for specific questions to a member of the Scientific Board, the KOL2KOL communicator.