DISEASE:
Acute myeloid leukaemia with myelodysplasia-related features

NAME:	Acute myeloid leukaemia with myelodysplasia-related features
DESCRIPTION:	A rare acute myeloid leukemia (AML) characterized by the presence of acute leukemia with at least 20% peripheral blood or bone marrow blasts with morphological features of myelodysplasia, or occurrence in patients with a prior history of a myelodysplastic syndrome (MDS) or myelodysplastic/myeloproliferative neoplasm, with MDS-related cytogenetic abnormalities, in the absence of specific genetic abnormalities characteristic of AML with recurrent genetic abnormalities. Prior cytotoxic or radiation therapy for an unrelated disease must be excluded. The condition occurs mainly in elderly patients and is rare in children. Patients often present with severe pancytopenia. Prognosis is generally poor.
ORPHACODE:	86845
SYNONYMS:	AML with multilineage dysplasia AML with myelodysplasia-related features Acute myeloid leukemia with multilineage dysplasia
XREF(S):	Orphanet ICD-10 OMIM

ANALYTE(S):	TET2 IDH1 IDH2 ASXL1 DNMT3A
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- Centrum Menselijke Erfelijkheid - KUL

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- DNA methyltransferase 3 alpha
- isocitrate dehydrogenase (NADP(+)) 1
- isocitrate dehydrogenase (NADP(+)) 2
- tet methylcytosine dioxygenase 2

Related Gene Panels

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