

Patient: [REDACTED]
DOB: [REDACTED] Age: [REDACTED] Gender: [REDACTED]
Patient Identifiers: [REDACTED]
Visit Number (FIN): [REDACTED]

Client: [REDACTED]
Physician: [REDACTED]

ARUP Test Code: 2002292
Collection Date: 11/21/2016
Received in lab: 11/22/2016
Completion Date: 12/02/2016

Interpretation

Specimen received

Specimen type: Bone Marrow
Reason for referral: Pancytopenia, possible MDS and AML
Test performed: Chromosome Analysis

Laboratory analysis

Number of cells counted: 24
Number of cells analyzed: 24
Number of cells karyotyped: 22
ISCN Band level: 350
Banding Method: G-Banding

Chromosome results:
46,XX,add(11)(q25),del(17)(q25)[18]/45,s1,der(7;16)(p10;p10)[6]

Diagnostic Impression:
Two related abnormal cell lines were detected in multiple cultures from this patient. One cell population, the stemline (s1), showed a female chromosome complement with added material on the long arm of chromosome 11 and a deletion in the long arm of chromosome 17 in 18/24 (75%) cells. The second population (sideline) showed the stemline abnormalities and an unbalanced whole arm rearrangement between the short arms of chromosomes 7 and 16 in 6/24 (25%) cells.

The derivative (7;16) rearrangement results in loss of the long arms of chromosomes 7 and 16. Deletion 7q and deletion 16q are recurrent abnormalities observed primarily in myeloid disorders, including de novo and secondary myelodysplasias and acute myeloid leukemia.

NOTE: FISH was performed on this sample and reported under ARUP accession #(16-326-139688). FISH results were ABNORMAL.

This result has been reviewed and approved by [REDACTED], MD, PhD, FACMG
Electronic Signature

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: aruplab.com/CS

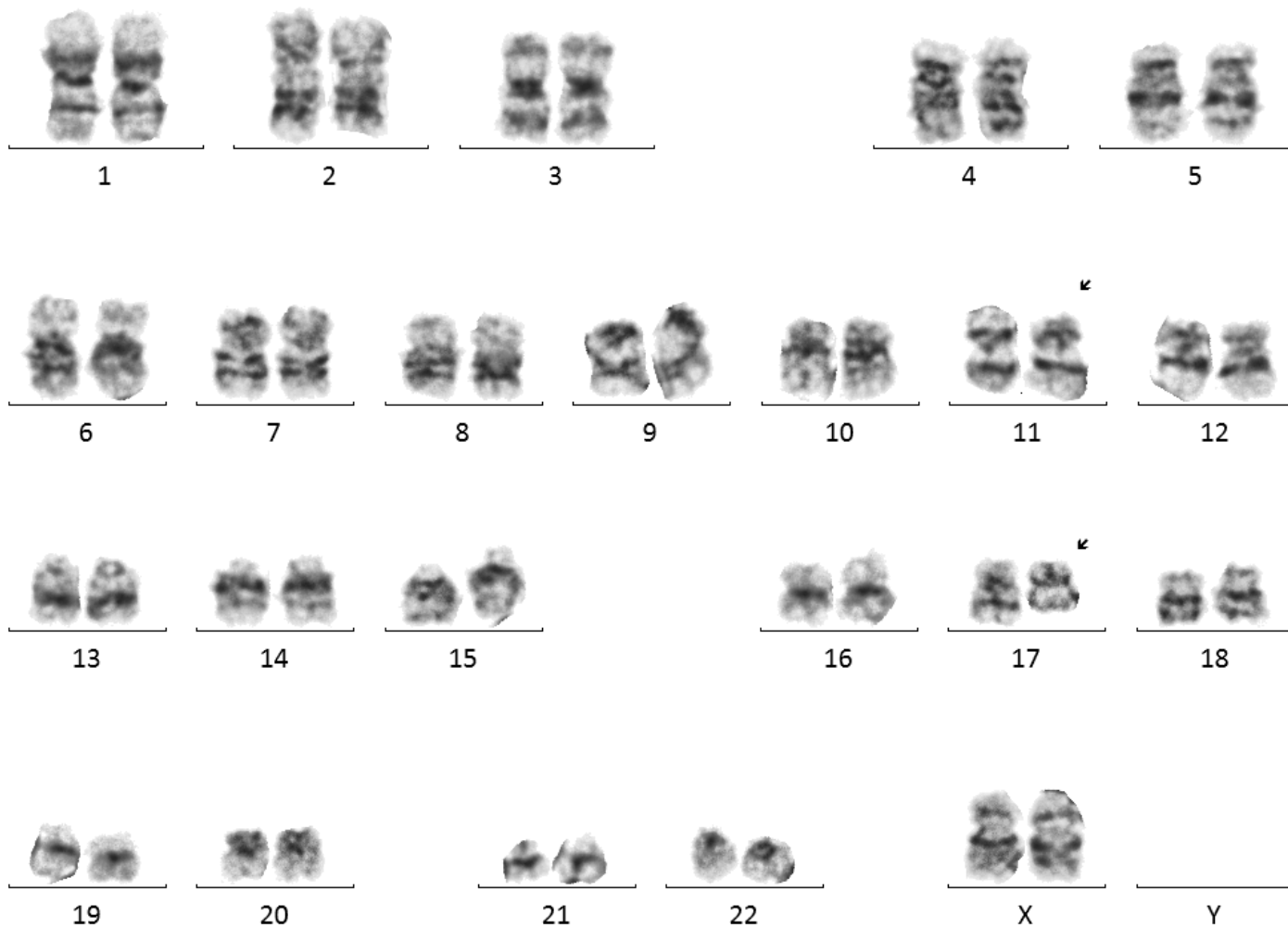


Patient: [REDACTED]
ARUP Accession: 16-326-105424

Chromosome Analysis, Bone Marrow

Patient: _____ | Date of Birth: _____ | Gender: _____ | Physician: _____
Patient Identifiers: _____ | Visit Number (FIN): _____

Slide ID: _____



Slide ID: 0130



Patient: _____
ARUP Accession: 16-326-105424

Chromosome Analysis, Bone Marrow

Patient: [redacted] | Date of Birth: [redacted] | Gender: [redacted] | Physician: [redacted]
Patient Identifiers: [redacted] | Visit Number (FIN): [redacted]

