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**Acute myelomonocytic leukemia during pembrolizumab treatment for non-small cell lung cancer: A case report**

Kim HB *et al.* Acute myelomonocytic leukemia during pembrolizumab therapy

Hong-Beum Kim, Sang-Gon Park, Ran Hong, Seong-Ho Kang, Yong Sub Na

## Abstract

### BACKGROUND

Pembrolizumab is a highly selective IgG4 kappa isotype monoclonal antibody against the programmed cell death-1 (PD-1) molecule. In the treatment of non-small cell lung cancer (NSCLC), pembrolizumab has demonstrated significant efficacy, significant survival outcomes, long-lasting responses, and a good safety

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## Acute Myelomonocytic Leukemia - CHEST

[https://journal.chestnet.org/article/S0012-3692\(15\)37276-7/fulltext](https://journal.chestnet.org/article/S0012-3692(15)37276-7/fulltext)

Massive pulmonary infiltration by leukemic cells resulting in respiratory symptoms is a rare complication of **acute leukemia**. We report the findings in a patient with **acute myelomonocytic leukemia** presenting with **acute** onset of fever, dyspnea, and nonproductive cough, in whom the diagnosis of pulmonary invasion by leukemic cells was made by cytochemical analysis of bronchoalveolar cells ...

Cited by: 26

Author: Giovanni A Rossi, Bruno Balbi, Marco Ris...

Publish Year: 1985

## An exceptional case of myelodysplastic syndrome with ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3719187>

The exact causes of **MDS following lung cancer** are still unknown. In our opinion, the possible causes of this type of MDS are chemotherapy, **radiation therapy**, and/or the accumulation of **DNA methylation**. In conventional **lung cancer treatment**, chemotherapy and/or **radiation therapy** are required, especially for **small cell lung cancer**.

Cited by: 2

Author: Yi-Hao Wang, Rong Fu, Zong-Hong Shao

Publish Year: 2013

## Paclitaxel Induced MDS and AML: A Case Report and ...



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## Acute Myeloid Leukemia Presenting as "Bowel Upset": A Case ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4149078>

Jul 20, 2014 · CG showed inv (16) (p13q22) and trisomy 22. A final diagnosis of **acute** myeloid **leukemia** with inv (16) and trisomy 22, preceded by granulocytic sarcoma of small jejunum was made. The patient was started on 3+7 induction chemotherapy and post induction the bone marrow was in morphological remission.

**Cited by:** 5**Author:** Smeeta Gajendra, Ajay Gogia, Prasenjit ...**Publish Year:** 2014

## Paclitaxel Induced MDS and AML: A Case Report and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4789418>

We present a case of **paclitaxel therapy** related **acute myelogenous leukemia after treatment of endometrial cancer** with a regimen containing paclitaxel and carboplatin. A 63-year-old female underwent surgery followed by a total of 6 cycles of **chemotherapy** with carboplatin and paclitaxel.

**Cited by:** 2**Author:** Udit Bhaskar Bhatnagar, Daulath Singh,...**Publish Year:** 2016

## Adult Acute Myeloid Leukemia Treatment (PDQ®)—Patient ...

<https://www.cancer.gov/types/leukemia/patient/adult-aml-treatment-pdq> ▾

Adult **acute** myeloid **leukemia** (AML) is a type of **cancer** in which the bone marrow makes abnormal myeloblasts (a type of white blood **cell**), red blood cells, or platelets. Adult **acute** myeloid **leukemia** (AML) is a **cancer** of the blood and bone marrow. This type of **cancer** ...

### PEOPLE ALSO ASK

Is acute myeloid leukemia treatable? ▾

What is the who classification of acute myeloid leukemia? ▾





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## [Principles in treating advanced non-small cell lung cancer ...](#)

<https://www.mdedge.com/hematology-oncology/quiz/...>

For patients with operable **non-small cell lung cancer** (NSCLC) and marginally resectable tumors, induction chemotherapy is a **treatment** option. ... Metastatic breast **cancer**: Adapting to changes **during treatment**: Take Quiz: Breast **cancer**: Tissue diagnosis & imaging studies: ... Diagnostic workup of **acute leukemia**: Take Quiz: NCHS **Report**: Pediatric ...

## [Acute myeloid leukemia: Causes, treatment, and outlook](#)

<https://www.medicalnewstoday.com/articles/215538>

Sep 25, 2019 · **Acute** myeloid **leukemia** is a fast-developing type of blood **cancer**. Effective **treatment** is possible in many cases. Learn more about the symptoms, **treatment** options, and outlook.

## [Newswise: Cancer News source](#)

<https://www.newswise.com/cancer>

A new type of immunotherapy **treatment** for metastatic **non-small cell lung cancer** (NSCLC) is being tested by Missak Haigentz, Jr., MD, medical director of hematology and oncology for Atlantic Health ...

## [Is acute myeloid leukemia a liquid tumor? - Ohanian - 2013 ...](#)

<https://onlinelibrary.wiley.com/doi/10.1002/ijc.28012>

The French-American-British subtypes of AML most commonly associated with cutaneous (in up to 50% of cases) and noncutaneous EML are **acute myelomonocytic** (AML-M4) and **acute** monocytic (AML-M5) **leukemia**. 9, 21-26 In APL, EML is more likely to occur at relapse, with incidence estimated at approximately 3%. EML is rare at APL diagnosis ...

**Cited by:** 23

**Author:** Maro Ohanian, Stefan Faderl, Farhad Ra...

**Publish Year:** 2013

### PEOPLE ALSO ASK

What is acute myeloid leukemia? ▾

Is AML a liquid tumor? ▾