

The role of Chaoyang People's Hospital for the development of trioxide as an effective treatment for acute promyelocytic leukemia treatment

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Since our survey paper on the top five medical innovations in China mainland since Xinhai revolution was published (1), I was alerted that we omitted an important paper concerning the development of arsenic trioxide (As_2O_3) as an effective treatment for acute promyelocytic leukemia treatment. This paper was authored by the group authors at the pediatrics department of Chaoyang People's Hospital, Liaoning province, China; and entitled *Experience of Trioxide in combination with chemotherapy for the treatment of leukemia*. This paper was published in the No. 4 issue of the Chinese journal *Liaoning Anti-cancer Bulletin* in year 1972 (2). More details can be found in a few Chinese references and websites (3-5).

It is also great that the top innovation voted in AME survey 002, Artemisine (Qinghaosu) for malaria treatment (Tu Youyou and Project 523 team, 1972), was awarded the Nobel Prize for Physiology and Medicine this year.

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Footnote

Conflicts of Interest: The author has no conflicts of interest to declare.

References

1. Wáng YX, Xiao F. Top five medical innovations in China mainland since Xinhai revolution [1911]: results of AME survey-002. *Quant Imaging Med Surg* 2015;5:453-66.
2. The pediatrics department at Chao-yang People's Hospital. Experience of Trioxide in combination with chemotherapy for the treatment of leukemia. *Liaoning Anti-cancer Bulletin* 1972;4:23-5. In Chinese.
3. The Internal Medicine department Hematology division at Xi'yuan Hospital of Traditional Chinese Medicine Research Institute. Traditional Chinese Medicine treatment of leukemia: a review. *Guangdong Medical and Pharmaceutical Bulletin* 1974;5:31-7. In Chinese.
4. Available online: <http://blog.sciencenet.cn/home.php?mod=space&uid=715370&do=blog&id=663463>
5. Available online: <http://blog.sciencenet.cn/blog-43772-662564.html>

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