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Letter to Editor

A Pregnant Woman with Factor V Deficiency

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Dear Editor

I read the fascinating letter entitled: 'All That Glitters is Not Gold: A Pregnant Woman with a Rare Inherited Bleeding Disorder" published in the latest issue Iranian Journal of Blood and Cancer with great attention.[1]

Factor V deficiency and other rare bleeding disorder are scarcity and orphan bleeding disorders. Thus, general physicians may rarely encounter with these disorders in clinical practice. If we do not treat them satisfactorily, the hemorrhagic propensity of these diseases may be fatal. Rarity and distribution of affected patients in all countries in the world is one of problem in their clinical practice. In reality, the distribution of small number and various type of coagulation factor concentrates for rare bleeding disorders in a wide country is troublesome in practice for health provider systems.

Patients with factor V deficiency can be treated with ABO matched fresh frozen plasma (FFP) and rich platelet plasma (RPP). Platelets are a noticeable source of coagulation factor V, because of storage of factor V in α granule of the platelets.[2]

The author declared that these patients might benefit from recombinant Factor V for control of bleeding episodes. While this may definitely be so, it should be cleared that there is currently no recombinant factor V concentrate on the market. This may be due to scarcity of the disorder and commercial points regarding eeconomically viable.

Fortunately, Kedrion Biopharma Company has recently declared that it is developing recombinant factor V concentrate. This move can pave the way for improved management of both factor V deficiency and combined factor V and VIII deficiency in future.

Conflict of Interest: None declared.

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