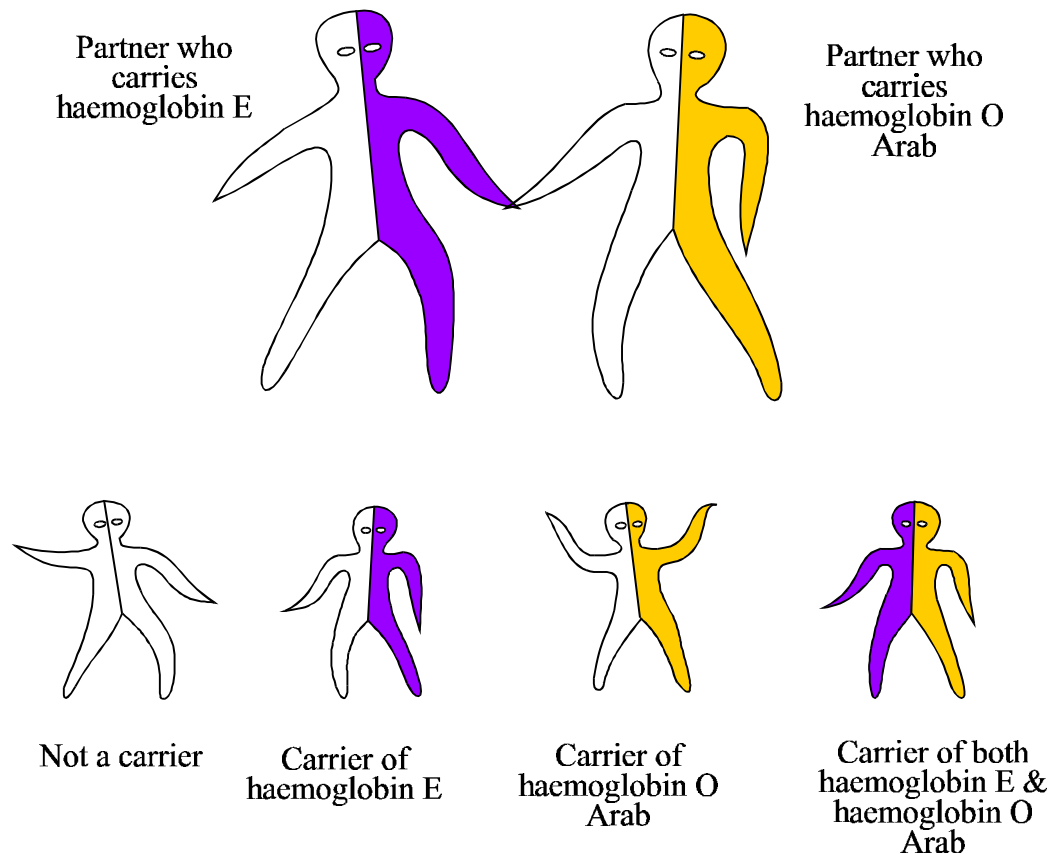


## Implications for a Child when One Partner carries Haemoglobin E and the Other carries Haemoglobin O Arab

*This is an unusual combination that has not been reported in the literature. The following information is based on general experience with these types of thalassaemia, and available scientific knowledge.*

***There is almost certainly no particular problem for this couple.*** This combination is extremely unlikely to cause a serious inherited anaemia.



***In each pregnancy***, there are four possibilities.

- The child may not be a carrier at all.
- The child may carry haemoglobin E. This is harmless.
- The child may carry haemoglobin O Arab. This is harmless.
- The child may inherit haemoglobin E from one parent, and haemoglobin O Arab from the other. This is almost certainly harmless.

In all probability this couple has the same chance of a healthy family as other couples do.

***When the children grow up***, they should have blood test to see if they have inherited haemoglobin E or haemoglobin O Arab. If they have, their partner should have a test "for haemoglobin disorders". It is important to remember this for the future.

***For more information about carrying haemoglobin disorders contact:***