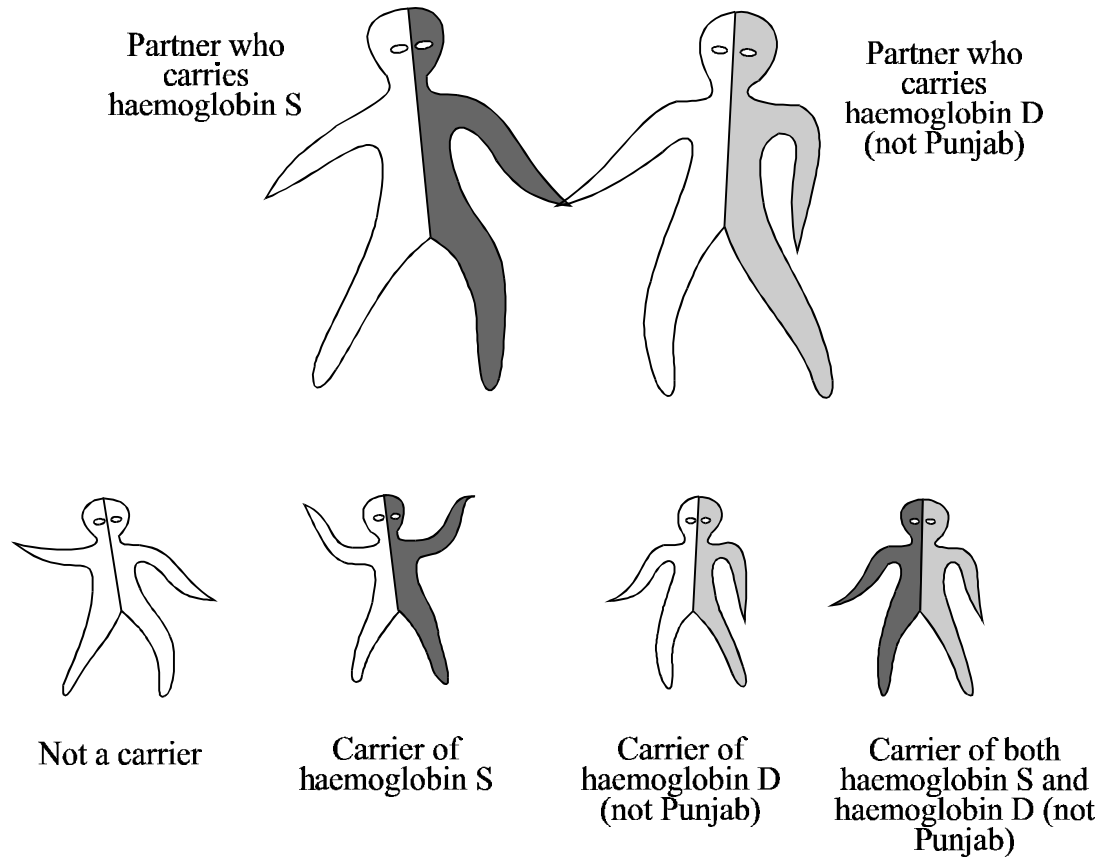


## Implications for a Child when One Partner carries Haemoglobin S (Sickle Cell) and the Other carries Haemoglobin D (not Haemoglobin D Punjab)

Information for couples where the partner who carries haemoglobin D has had a special DNA test, and definitely does not carry haemoglobin D Punjab.

**There is no particular problem for this couple.** This combination cannot cause an inherited anaemia in their children.



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

- The child may not carry any haemoglobin disorder.
- The child may carry haemoglobin D (not D Punjab). This is harmless.
- The child may carry haemoglobin S (sickle cell). This is harmless.
- The child may inherit haemoglobin D (not D Punjab) from one parent and haemoglobin S from the other. This is harmless.

This couple has the same chance of a healthy family as other couples do.

**When the children grow up**, they should have a blood test to see if they have inherited haemoglobin S or haemoglobin D (not Punjab). If they have, their partner should have a test "for haemoglobin disorders". It is important to remember this for the future.

To find out more about carrying haemoglobin disorders, contact: