

# A family with two children who have a blood disorder

## Practising drawing a genetic family history - Worksheet 12



National Genetics Education and  
Development Centre

### Introduction

Walid Ahmed's wife is 16 weeks pregnant. Walid's sister has two children with a blood disorder and he is concerned whether his unborn baby might also have the condition. Use the family history information below to draw the family tree.

### Information about Walid's family

- Walid Ahmed (4/6/1982) is fit and well.
- His wife Sakina (6/11/1982) is 16 weeks pregnant in her first pregnancy.
- Walid's father is Abdul Ahmed (5/1/1957) and his mother is Maya Akhtar (17/4/1957).
- Walid is Abdul and Maya's middle child. Their eldest child is Bahira (17/5/1979) and youngest Aasia (22/12/1984).
- Walid's sister Bahira is married to Amro Hussein (27/7/1977).
- They have three children; Umar (8/10/2003), Jari (13/12/2004) and Zahida (3/3/2006).
- Umar is fit and well (like his parents), but Jari and Zahida have Beta-thalassemia.
- Amro's father is Mahbeer Hussein (4/9/1953) and his mother is Khalisah Akhtar (29/11/1955).
- As well as Amro they have another son, Aijax (18/2/1980).
- Khalisah Akhtar and Maya Akhtar are sisters; their father and mother have died.
- Note that the relationship connecting Amro and Bahira is a double line when the couple share blood relatives (in this case their grandparents).
- Don't forget to date and sign the genetic family history pedigree.

Draw the genetic family history (pedigree) here

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The pedigree representing the family history is shown below

Pedigree taken: <date>  
Drawn by: <name>  
Information given by: <name>

