

# A family history of a renal condition

## Practising drawing a genetic family history - Worksheet 4

### Introduction

Jake Johnson is thinking about getting married. He wants to find out whether any children he has are likely to inherit the condition that runs in his family. He gives you the following information about his family. Use the family history information below to draw the family tree.

### Information about Jake's family

- Jake Johnson (23/6/1984) is fit and well.
- His father Robert (13/8/1959) has the kidney condition that runs in the family but his mother Emily (7/9/1960) is unaffected.
- Robert and Emily Johnson have two other children, a daughter Emma and a son Lewis.
- Their daughter Emma (17/12/1988) has the kidney condition; Lewis (8/11/1990) is unaffected.
- Emily's father is Derek Hall (age 81) who is well, but her mother Joan Hall died at the age of 65 in 1996 from a heart attack.
- Derek and Joan Hall have another daughter, Susan (3/10/1957), who is married to John Hill (13/1/1956).
- Susan and John Hill have a daughter Janet (31/5/1978) who is well; they also had a daughter, Chloe, stillborn at 29 weeks gestation in January 1980.
- Robert Johnson's mother Edith (age 76) is unaffected; his father George had the kidney condition. He died in 1997 (born 1929).
- Edith and George Johnson had two other children: Richard (4/4/54) and Sarah (9/1/1956) who has the condition. Sarah is married to Thomas King (23/3/1955).
- Sarah and Thomas have two daughters: Gemma (3/5/1989) who has the condition and Linda (22/11/1991) who is unaffected.
- 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: <dates>  
Drawn by: <names>  
Information given by: <names>

