

# A family with a history of heart attacks

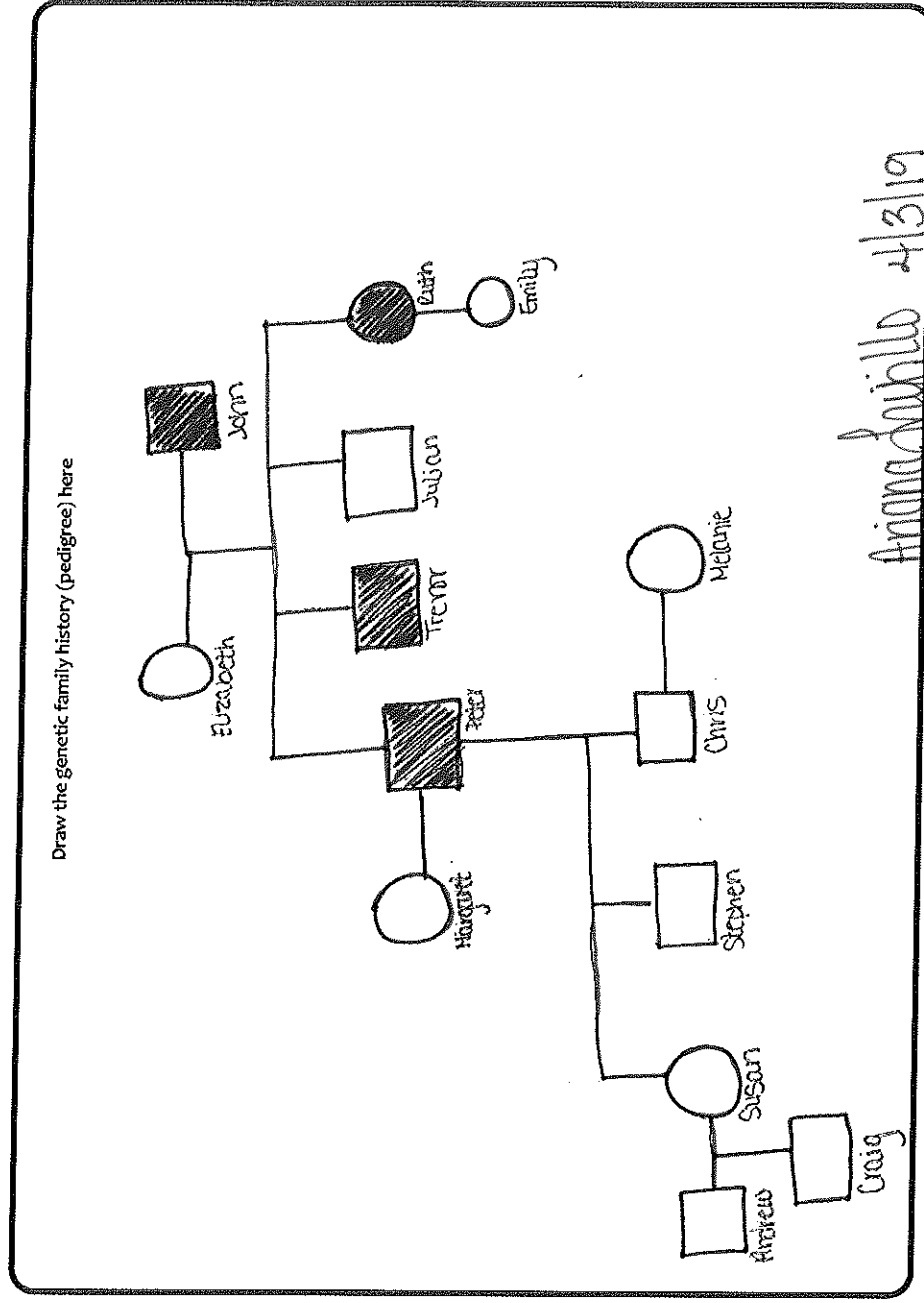
## Practising drawing a genetic family history - Worksheet 7

### Introduction

Chris Bell (age 39) is admitted to hospital with severe chest pain radiating to his jaw. This came on during his usual exercise session at the gym. He tells you that he has a number of relatives who have had heart attacks. Chris and his partner are anxious to know if any children they may have could have an increased chance of having heart attacks. Use the family history information below to draw the family tree.

### Information about Chris' family

- Chris Bell (23/6/1973) and his partner Melanie (19/3/1975) do not have any children at present.
- Chris' father, Peter (16/3/1945), died in a road traffic accident at the age of 35 years when his car unexpectedly ran into a stationary lorry.
- Chris' mother, Margaret (21/8/1947), is fit and well.
- Peter and Margaret Bell also have a daughter Susan (17/12/1976) and a son Stephen (3/10/1979) who are both well.
- Susan is married to Andrew Jones (13/1/1976). They have a son, Craig (9/1/2003); all are well.
- Margaret Bell does not know details of her parents but knows she has no brothers or sisters.
- Peter Bell's father, John Bell (26/8/1922) survived a heart attack at the age of 38 but died from a subsequent one when he was 50.
- Peter's mother, Elizabeth Bell (7.5.1925) is alive and well and aged 82 years.
- John and Elizabeth Bell had two more sons, Trevor (29/11/1943) who died suddenly at the age of 50 and Julian (30/3/1948) who is alive and well.
- They also had a daughter, Ruth Adams (4/4/1951), who died following a heart attack at the age of 45.
- Ruth's daughter Emily (7/2/1981) is alive and well.
- Don't forget to date and sign the genetic family history pedigree.



# A family with a history of breast and ovarian cancer

## Practising drawing a genetic family history - Worksheet 11

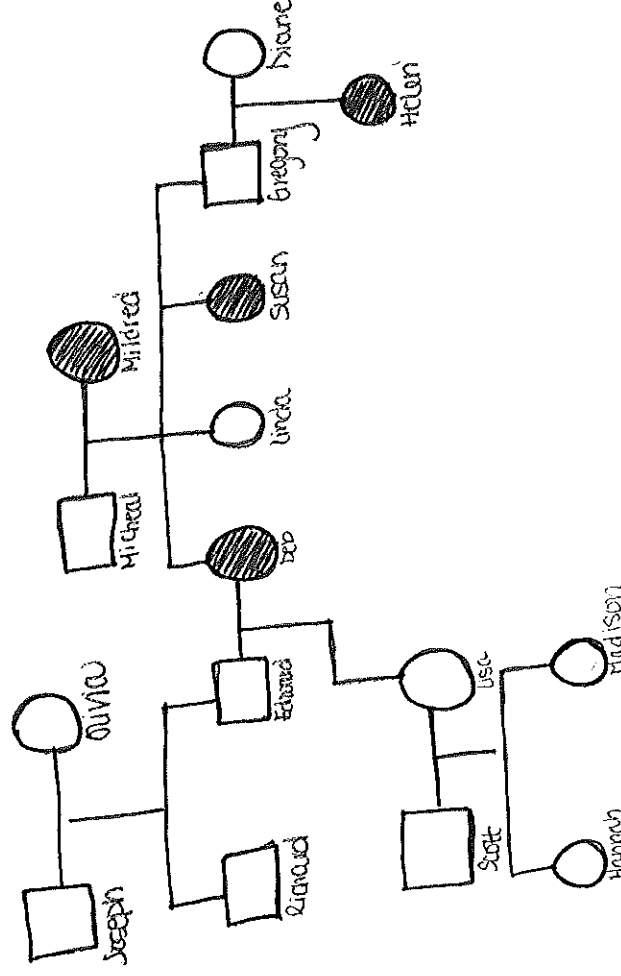
### Introduction

Lisa Bell is attending the oncology clinic as she has found a lump in her breast. She talks to you about her fears for her two young daughters as there seems to be so much cancer in the family. Use the family history information below to draw the family tree.

### Information about Lisa's family

- Lisa Bell (9/7/1976) is married to Scott (20/2/1974). They have two daughters, Hannah (1/6/1998) and Madison (3/8/2000).
- Lisa's father is Edward Wells (7/9/1949) who is alive and well. Lisa's mother, Deborah, (12/4/1952) died of breast cancer on 3/5/1994. Lisa was their only child.
- Deborah's father is Michael Watson (b: 1928) who is alive and well. Deborah's mother, Mildred (10/10/1931) died of breast cancer on 6/10/1979. As well as having Deborah, Michael and Mildred have Gregory (4/7/1950) and Linda (18/6/1957), who are alive and well. They also had Susan (7/11/1953), who died of ovarian cancer on 8/9/1990.
- Gregory Watson is married to Diane (11/7/1953). They have a daughter Helen (21/5/1974), who has breast cancer.
- Edward Wells has a brother Richard (6/3/1950) who is alive and well.
- Their father is Joseph Wells (1/2/1927) and their mother is Olive (6/11/1928). Both are alive and well.
- Don't forget to date and sign the genetic family history pedigree.

Draw the genetic family history (pedigree) here



Ana Dujic 4/3/19

# I have Von Willebrand disease and I'm expecting a baby

## Practising drawing a genetic family history - Worksheet 8

### Introduction

Samantha Bond and her partner Tony Cooper are expecting a baby. They are asking for information because Samantha and other members of her family have Von Willebrand disease and she is concerned that her baby could inherit the condition which causes prolonged bleeding. Use the family history information below to draw the family tree.

### Information about Samantha and Tony's family

- Samantha Bond (19/9/1987) is 10 weeks pregnant and has Von Willebrand disease. Her partner is Tony Cooper (12/1/1985).
- Samantha's mother is Laura Webster (18/5/1964) and she has Von Willebrand disease.
- Samantha's parents separated when she was a baby, so she doesn't have any details about her father's family. Her father, Simon Bond (2/2/1963), is unaffected.
- Simon and Laura had another daughter Harriet (20/5/1984) who also has Von Willebrand disease.
- Harriet is married to Adam Harris and they have a son, Ethan (24/10/2008) who has the condition.
- Laura's second husband is David Webster (aged 49). Laura and David have three children, Oliver (26/4/1998) who has Von Willebrand disease, Helen (26/5/2000) who also has the condition and Jasmine (30/3/2002). Jasmine doesn't have the same symptoms as the rest of the family but Samantha has heard her mother Laura say that Jasmine has Von Willebrand disease.
- Laura Webster's parents are Samuel (2/6/1939) who has the condition and Beatrice Walker (12/11/1939) who is unaffected.
- Samantha's partner Tony Cooper has no medical issues; however his sister, Chloe (22/11/1983) is deaf. Their mother is Marie (16/4/1962) and their father is James Cooper (13/7/1959). Both are fit and well.
- Don't forget to date and sign the genetic family history pedigree.

