

## **Discussion issues**

- Should parents be allowed to genetically select their children?
- In the UK it is now legal to select a tissue-matched embryo, if an older child has a serious or life-threatening illness. Who should decide which illnesses this is allowed for?
- The same technique was used in this case to make sure that the embryo did not carry the genetic defect which leads to Fanconi anaemia. If you feel it is unethical to genetically select an embryo for their tissue-type (i.e. to help an existing child), do you think it is acceptable for parents to select an embryo which does not carry a life-threatening or serious condition (i.e. so that the new child is not ill)?
- Again, who decides which illnesses fall into this category? What about conditions that are not life-threatening but a parent may wish to avoid in future children, e.g. achondroplasia (dwarfism) or albinism (absence of skin pigmentation)?
- What do you think about the discarding of embryos created during the process that are not needed (either not a tissue match, or carry the genetic condition)?

- The cord blood collection unfortunately did not work out as planned. Baby Sarah will now need to undergo an operation to donate bone marrow. As a small child she has no right to refuse this. It is right that her parents should be the ones to give consent on her behalf? Or should someone else make the decision, such as a court?
- Bone marrow transplants are very risky procedures with a mortality risk of approximately 30% for Fanconi anaemia. What if the transplant doesn't go well for Joseph? Do you think that Sarah could carry any psychological issues from this in the future if she is unable to 'save' her brother?
- What do you think of the term 'Saviour Siblings' that is commonly used (mostly by the press) to label children such as Sarah?



