

- 1 *In this question you will be assessed on using good English, organising information clearly and using specialist terms where appropriate.*

Embryos can be screened for genetic disorders.

Many people would favour the use of embryo screening for cystic fibrosis but not for polydactyly.

Compare the issues involved in the use of embryo screening for cystic fibrosis and for polydactyly.

You should use your knowledge and understanding of the process and the two conditions.

| 0 marks | Level 1 (1-2 marks) | Level 2 (3-4 marks) | Level 3 (5-6 marks) |
|---------------------|--|---|---|
| No relevant content | There is a brief description of the issues involved in screening for at least one condition. | There is some description of issues involved in screening for both conditions but there is a lack of both pros and cons for the two conditions. | There is a clear, balanced and detailed description of the issues involved in screening for both conditions, giving pros and cons for each condition. |

pros:

- reduce number of people with cystic fibrosis (in population)
- reduce health-care costs
- allows decision / emotional argument,
eg allows people to make choices about termination

cons:

- possible damage / risk to embryo / fetus / baby
- possible harm / risk to mother
- (may) have to make ethical / moral / religious decisions

for polydactyly:

- cures 'disfigurement'
- but condition not life threatening
- so risks to foetus / mother unjustified

(6 marks)