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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.

[6 marks]

Award a maximum of 2 marks for each category below:

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