

Answers

Recommended Ethical Principles Regarding the Use of Assisted Reproduction in HIV Infected Individuals

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CME point: 1

1. Which of the following statements is true regarding the risk of HIV infection from unprotected sexual contact?
 - (a) risk of catching HIV from vaginal intercourse with an infected opposite sex partner is lower for female than male
 - (b) anal sex is a less risky act because it is potentially less traumatic
 - (c) HIV cannot be transmitted through oral sex
 - (d) **Estimates of infection risk in female for vaginal sex with HIV-infected male are 0.05-0.15%** ✓
 - (e) Women having sex with women is less at risk than men having sex with men
2. Which of the following is not a reproductive option for HIV-infected people to minimize the risk of infecting spouse/partners during conception?
 - (a) **Unprotected intercourse** ✓
 - (b) Artificial insemination
 - (c) Sperm washing
 - (d) Adoption
 - (e) In-vitro fertilization
3. Which of the following is not useful in reducing mother to child HIV transmission?
 - (a) Antiretroviral prophylaxis
 - (b) **Breastfeeding** ✓
 - (c) Prevent mother from becoming infected
 - (d) Elective caesarean section
 - (e) Assisted reproduction
4. The first baby conceived by assisted reproduction technology in Hong Kong was born in year:
 - (a) 1985
 - (b) **1986** ✓
 - (c) 1987
 - (d) 1988
 - (e) 1989
5. Which of the following is not a recommended ethical principle for the use of assisted reproduction in HIV infected subjects in Hong Kong?
 - (a) Provide adequate information and counseling
 - (b) Ensure equal access to service
 - (c) Give final decision to the couple
 - (d) Apply the *Code of Practice on Reproductive Technology & Embryo Research*
 - (e) **None of the above** ✓

6. Which of the dogma in medical ethics should be applied when considering reproductive options in HIV-infected individuals?
- (a) Autonomy
 - (b) Beneficence
 - (c) Nonmalefeasance
 - (d) Justice
 - (e) **All of the above** ✓
7. The only documented case of HIV transmission during assisted reproduction occurs in the United States in year:
- (a) **1990** ✓
 - (b) 1991
 - (c) 1992
 - (d) 1993
 - (e) 1994
8. Which of the following is true regarding the advances of HIV treatment and use of assisted reproduction in HIV-infected patients?
- (a) HAART (highly active antiretroviral therapy) has greatly reduced morbidity and mortality of HIV/AIDS patients
 - (b) Early orphanage of children born to HIV infected parents is uncommon nowadays with the improved treatment
 - (c) Successes of employing assisted reproduction to minimise HIV transmission from infected father to uninfected spouse and his child have been witnessed
 - (d) The risk of infecting her child by an infected mother has been much reduced with the advances in mother-to-child HIV prevention
 - (e) **All of the above** ✓
9. Which of the following is an insurmountable barrier in using assisted reproduction for HIV-infected patients?
- (a) HIV infection of the staff
 - (b) Contamination of other embryos
 - (c) Health care provider being unethical if it results in infection of partner
 - (d) Health care provider being unethical if it results in infection of child
 - (e) **None of the above** ✓
10. Which of the following statement is false regarding assessment of a client's eligibility for reproductive treatment in Hong Kong?
- (a) The welfare of the child is of paramount importance
 - (b) The parents' commitment to having and bringing up the child should be considered
 - (c) **HIV infection status of the parent is an exclusion criterion** ✓
 - (d) Medical histories of the clients and their families are factors to consider
 - (e) Physical, mental, and social well-beings of the clients should be considered