# JTGGA CME/CPD CREDITING







Answer form for the article titled "Transplacental cancer transmission: a comprehensive review focusing on mechanisms, challenges, and maternal-fetal outcomes" within the scope of CME/CPD

<ol> <li>Which maternal cancer is most frequently associated with confirmed transplacental transp</li> </ol>	nission?
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- a. Leukemia
- b. Malignant melanoma
- c. Choriocarcinoma
- d. Cervical carcinoma

#### 2. In cases of cervical cancer with vertical transmission, what route of spread is often implicated?

- a. Only hematogenous transplacental spread
- b. Aspiration of tumor-contaminated vaginal fluids during birth
- c. Transcutaneous exposure to maternal fluids
- d. Genetic inheritance of mutations

#### 3. Which of the following mechanisms facilitates maternal cancer cell survival in the fetus by reducing immune recognition?

- a. Increased NK cell activity
- b. Overexpression of PD-L1 on tumour cells
- c. Enhanced fetal MHC-I expression
- d. Increased apoptosis in cancer cells

#### 4. Which of the following is NOT a diagnostic method used to confirm maternal origin of fetal tumours?

- a. Fluorescent in situ hybridisation
- b. Karyotyping
- c. SNP array
- d. Amniotic fluid cytology

## 5. What is the most common presenting site for infantile melanoma metastases transmitted transplacentally?

- a. Lungs
- b. Brain
- c. Cutaneous sites
- d. Liver

### 6. Which obstetric condition can cause placental microscopic trauma, predisposing to transplacental tumour spread?

- a. Preeclampsia
- b. Polyhydramnios
- c. Twin gestation
- d. Hyperemesis gravidarum

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4th Question

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