



FIGURE 12.16. Segregation errors during meiosis. Chromosomes are supposed to be partitioned equally to the daughter cells. When this does not occur, it is known as nondisjunction. (A) Nondisjunction in the first division of meiosis (meiosis stage I). (B) Nondisjunction in the second division of meiosis (meiosis stage II). (C) What happens if an egg with the pattern from the *left* part of A participates in sexual reproduction. (D) What happens if an egg with the pattern from the *right* part of B participates in sexual reproduction.

12.16A–D, adapted from http://www.medgen.ubc.ca/wrobinson/mosaic/tri_how.htm