Check your Genomic/Genetic Knowledge: Crossword Puzzle

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- PEDIGREES
- ASSESSMENT
- DNA
- SCREENING
- DISC
- DISCRIMINATION
- TEST
- SICKLE
- RED FLAG
- THREE
- ELSI
- GENOMICS
- AGE
- ETHNIC
- GENETICS
- SNP
- CANCER
- ACGT
- RESOURCES

Miller, Paula, BSN, RN-BC; Patricia Kelly, DNP, APRN, CNS, AOCN. Texas Health Presbyterian Hospital Dallas. 10/24/2012
Across
1. It is recommended that family history assessments include ___ generations for both the maternal and paternal side of the family.
7. Study of individual genes and their impact on relatively rare single gene disorders.
8. Study of all the genes in the human genome together, including their interactions with each other, the environment, and the influence of other psychosocial and cultural factors.
9. Osteoporosis, a degenerative ___ disease, has a heritability component.
10. Indication of increased risk for a hereditary syndrome.
14. Family health history ____ helps the nurse determine risk and target genetic referrals.
16. A disease inherited as an autosomal recessive trait and seen most often among people of African ancestry. The gene mutation causes red blood cells to take on an unusual ____ shape.
18. Newborn ____ is done within days of birth to identify infants who need further testing for a possible genetic disorder.

Down
2. Nurses should recognize the significance of ethical, legal, and social implications in genetics/genomics (abbreviation).
3. The Talking Glossary of Genetic Terms is an example of the excellent ____ available through the National Human Genome Research Institute.
4. A graphic illustration of a family health history.
5. Prejudice directed against people who have or may have a genetic condition. May involve employment or access to health insurance.
6. The four chemical bases found in a DNA molecule (abbreviation).
9. The chemical name for the molecule that carries genetic instructions in all living things.
11. A condition in which abnormal cells can divide without control, invade nearby tissues, and spread through the bloodstream and lymphatic system to other parts of the body.
12. A genetic ____ can identify changes in chromosomes, genes, or proteins.
13. Tay-Sachs disease is an example of a genetic condition that occurs more often among certain ____ groups.
15. Single nucleotide polymorphisms may influence an individual’s risk for disease, prognosis, drug metabolism and response to treatment (abbreviation).
17. A red flag for a hereditary genetic condition is early ____ of onset.

Selected Resources: