

Knowledge Category 6: sex, sleep, and dreaming

Sleep deprivation (~ 5 minutes total)

Short-term deprivation: criteria and effects

Long-term deprivation: criteria and effects

REM deprivation: what it is and its effects

Sleep aids - risks

Disorders of sexual development (~10 minutes total)

For each of the following, describe the genotype (actual genetic code for sex, e.g., xx, xy), the phenotype (what gets expressed, what you can see), the cause, and resulting effects on the person with this condition.

When describing the genotype, phenotype, cause and effects – do so in no more than a sentence (rarely two) for each.

Androgen Insensitivity Syndrome (AIS)

Genotype, Phenotype, Cause, Effects

Congenital Adrenal Hyperplasia (CAH)

Genotype, Phenotype, Cause, Effects

Klinefelter Syndrome (XXY)

Genotype, Phenotype, Cause, Effects

Turner Syndrome (XO)

Genotype, Phenotype, Cause, Effects

5-Alpha-Reductase Deficiency

Genotype, Phenotype, Cause, Effects