

STUDY CHECK

Coffee is one of the most famous beverages for mankind. Caffeine, a compound present in coffee, can significantly affect the body, and may cause nervousness, increased heart and breathing rates, upset stomach and insomnia. Furthermore, high dose of caffeine could lead to headache and tachyarrhythmia. Despite all of these health effects, coffee is one of the most widespread and oldest beverages in the world. It keeps people awake and alert, especially during times that extended waking hours are required. How does caffeine cause all of the following effects in the human body? Is caffeine addictive? Could this nucleotide be used as a medicine? Briefly explain your answers.