Just like food or water, sleep is a biological necessity for life and health. Research shows that the hours we spend sleeping are incredibly important and far from passive. During sleep, your body is busy fighting off viruses and other pathogens, operating a waste removal system to clean the brain, looking for cancer cells and getting rid of them, repairing injured tissues, and forming vital memories that are essential for learning. Getting enough sleep can improve mental health, mood, and ability to think and make good decisions. It is important for the functioning of our heart and other organs. Most adults need 7 or more hours of good quality (uninterrupted) sleep each day. Some may need even more. Adequate high-quality sleep is especially important during stressful times. To help you adapt to quickly evolving demands and changes in your personal and work life, the following evidence-based suggestions can help improve your sleep. All information via the Center for Disease Control (CDC).

## Set Aside Enough Time For Sleep

Give yourself enough time in bed to get the amount of sleep you need to wake up feeling well rested. This varies from person to person, but most healthy adults need 7 or more hours of sleep.

## Consistent Sleep Times Improve Sleep

Go to bed and get up at about the same times every day, including days off . Ideally, you should go to bed early enough that you don't need an alarm to wake up.

## Exercise Improves Sleep

During the day, get some exercise. Even a 10 -minute walk will improve sleep, and more is better. Plan on finishing exercise at least 3 hours before sleep is planned.

## Bright Light During the Daytime Helps

Getting bright light during the daytime strengthens your biological rhythms that promote alertness during work and sleep at the end of your day. So, during the daytime spend 30 minutes or so outside in the sunlight. Getting bright light during the firsthours of your day is particularly helpful. Even time spent outside on a cloudy day is better than exclusive exposure to dim indoor light. If you can't get outside, spend time in a brightly lit indoor area.

## Check Your Intake

Avoid heavy or spicy meals 3 hours before your regular bedtime. Limit liquids several hours before sleep to avoid having to get up to go to the bathroom. Avoid alcohol near bedtime. It may help you fall asleep but can cause sleep disturbances. If you plan to drink alcohol, finish several hours before bedtime. Avoid caffeine, chocolate, and nicotine for 5 or more hours before sleep is planned-more if you are sensitive.

## Where You Sleep Matters

Have a good sleep environment that is very dark, quiet, cool, and comfortable. Make the bedroom very dark, blocking out any lights in the room (especially blue and white lights). Cover the windows with opaque window covering if necessary. Use an eye mask if it's hard to avoid lights from traffic or streetlamps. Use soft ear plugs if your sleep environment is noisy. Have a comfortably cool room temperature and use covers. Have a comfortable mattress and pillow. Do not let pets or phones disturb your sleep.

## Use Your Sleep Space for Only Two Things

To condition your brain to relax when you go into the bedroom, use it only for sleep and intimacy. Do not watch TV, read, or work in the bedroom.

## Prepare for a Good Night's Sleep About 1.5 Hours Before Bedtime

Follow a relaxing routine 1.5 hours before bedtime to help your body make the transition from being awake to falling asleep. Consider setting an alarm 1.5 hours before bedtime to start preparing for sleep. Don't expose your eyes to computer or phone screens. Avoid excitement like watching an action movie or reading upsetting news stories. Brushing your teeth,washing your face, and getting into a pre-sleep routine will help you relax. Transition to dim lighting during this time (for example, don't use a bright light in the bathroom).

## Try Relaxation Techniques

Resources such as guided meditations, mindfulness exercises, soothing music may aid in sleep. Taking a warm bath 30 minutes to 2 hours before bedtime can help promote relaxation and optimize body temperature changes that aid in sleep.

