Tips to Cope with Stress and Improve Cardiovascular Health

What is stress?
Stress is a normal part of life and is the body’s reaction to change. It can be experienced physically, mentally, emotionally, or through a combination of these. Although stress often is perceived to be negative, stress can be positive in a person’s life. Starting a new job, having a child, or getting married can all cause stress, but the stress is generally positive, short-lived, and within the person’s ability to cope.

Stress can turn harmful when a person faces constant challenges and is not able to get relief or relaxation between stressors, which may overwhelm their ability to cope effectively. If stress is not managed in a healthy way, it may lead to health problems or make existing health conditions worse.1-4 Some unhealthy coping mechanisms include: avoidance, using drugs or alcohol, overeating, overspending, gambling, yelling, arguing, or using the Internet excessively.

Why does it matter for me?
There is a link between stress and heart disease. Both long-term and short-term stress can play a role in the development, onset, and rate of heart disease.1-4

What are some healthy ways to cope with stress?5-16

- Avoid Drugs and Alcohol
  While these substances can produce short-term effects that initially appear to be helpful, they have addictive properties and ultimately may lead to additional stress and other health problems.

- Connect With Others
  A strong, positive social network can provide support when times are hard. Spend quality time with the ones you love. If you do not have many trusted people in your life, try joining a volunteer group, fitness center, or other community group to meet new people and create a support network for yourself.

- Deep Breathing
  Breathing in slowly through your nose then out your mouth can reduce heart rate and blood pressure, and can help provide you with a sense of calm.

- Exercise
  Exercise can produce endorphins, which are chemicals in the body that help improve your mood. Exercise improves sleep and reduces symptoms of stress, anxiety, and depression. Even a ten minute walk can positively impact your mood and reduce stress.

- Meditation
  Meditation is a practice that is used to calm and clear the mind. There are different types of meditation, many of which have shown a benefit to lowering blood pressure.

- Practice Gratitude
  Try to list 3-5 things for which you are grateful each day, either in writing or in your mind. Even better, try to tell someone each day why/how you are grateful for them.

- Resolve Existing Stressful Situations
  This may not always be possible, but if you can remove causes of stress by doing things like saying no to negative people or activities, using time management skills, and not scheduling too many activities, stress often can be decreased.

- Sleep
  Getting enough good sleep is important for managing stress and for brain health. Try to get a minimum of seven hours of sleep each night.

- Yoga or Tai Chi
  Both of these physical practices use slow body movements and deep breathing, which help the body’s stress response systems. This can lower your heart rate, reduce blood pressure, and improve breathing.

What works to decrease stress in one person may not work for another. You may have to try several things before finding one that helps decrease your stress.

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How do I know if this is normal stress or if it is something else?
If your stress is affecting your ability to function or complete your normal activities, make an appointment with a primary care provider who can make recommendations to help you address the stressors in your life.

References


Links:
• American Heart Association Stress Management Tools
  This website provides a variety of articles focused on stress reduction.
  https://www.heart.org/en/healthy-living/healthy-lifestyle/stress-management

• National Institutes of Health Newsletters on Healthy Coping
  These newsletters provide comprehensive information on healthy coping mechanisms.
  https://newsinhealth.nih.gov/2014/12/feeling-stressed
  https://newsinhealth.nih.gov/2016/12/tai-chi-your-health
  https://newsinhealth.nih.gov/2019/03/practicing-gratitude
  https://newsinhealth.nih.gov/2012/01/mindfulness-matters

• National Center for Complementary and Integrative Health
  This site provides multiple resources and information on meditation.
  https://nccih.nih.gov/health/meditation

Additional Resources:
• American Diabetes Association Risk Test
  This test assesses risk level for developing diabetes.
  https://www.diabetes.org/risk-test

• National Heart, Lung, and Blood Institute Body Mass Index Calculator
  This tool calculates body mass index (BMI).
  https://www.nhlbi.nih.gov/health/educational/lose_wt/BMI/bmicalc.htm

• Your Game Plan to Prevent Type 2 Diabetes
  This resource provides a step-by-step plan to help prevent diabetes.
  https://www.niddk.nih.gov/health-information/diabetes/overview/preventing-type-2-diabetes/game-plan

• The Diabetes Prevention Toolkit
  This toolkit offers dozens of resources, ideas, and tools for families, schools, healthcare providers, employers, and public health policymakers to help improve the diabetes epidemic.

• On Your Way to Preventing Type 2 Diabetes
  This resource helps people with pre-diabetes make small, healthy lifestyle changes.
Partners

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