

# ICE THERAPY vs HEAT THERAPY

Heat and ice can be valuable tools for relieving pain and accelerating recovery. Knowing when and how to use each is essential to maximize benefits and avoid harm. Here are some guidelines.



Ice therapy options include cold packs, ice cubes in a resealable bag, or even a bag of frozen vegetables.

Ice reduces blood flow to the area to limit swelling and decreasing nerve activity to numb pain.



Ice is primarily used for brand new sprains and strains, migraines, and acute flare-ups.

For optimal use, apply ice for 10–20 minutes at a time, no more than once per hour, to prevent skin damage. Always place a barrier, like a towel, between the ice and your skin, especially with frozen gel packs. People with poor circulation, reduced sensation, or fragile skin should avoid very cold packs. You may feel cold, then burning, aching, and finally numbness—remove the ice if numbness or skin irritation occurs.



Heat therapy options include a hot water bottle, microwavable pack, or electric heating pad.

Heat increases blood flow for pain relief and muscle relaxation.



Heat is primarily used for chronic joint or spinal pain, arthritis, and muscle relaxation.

For optimal use, apply heat for 10–20 minutes at a time, no more than once per hour, and keep the temperature below 104°F (40°C) to avoid burns. Always use a towel as a barrier, and apply heat during the day when you can monitor for side effects—never sleep on a heating pad. Avoid using heat for acute injuries, infections, autoimmune diseases, cancer, neurological issues, reduced sensation, skin wounds, or skin sensitivity.

Before using heat or ice, consult your healthcare provider to confirm it's safe, especially if you're pregnant, have health concerns, or experience symptoms like worsening pain, persistent night pain, unusual numbness or weakness, loss of bowel or bladder control, fever, unexplained weight loss, or widespread symptoms.

