



## Nicotinamide Adenine Dinucleotide (NAD+) Injection

### Overview

Nicotinamide Adenine Dinucleotide (NAD+) is a prevalent cellular electron transporter, co-enzyme, and signaling molecule found in all cells of the body. It is a vital enzyme that is present naturally in the body. The latest breakthrough in IV infusion may help your body jumpstart cellular repair mode, anti-age, boost energy, and improve mood, physical strength, endurance, and cognitive function.

Oral supplements may not be as effective as injections. The stomach will break down the enzyme before the body can absorb and utilize it fully.

### Uses

- Enhance mental clarity and clear brain fog
- Sharpen memory and concentration
- Support energy levels and boost agility or athletic performance
- Boost the immune system
- Stimulate circulation and rejuvenate metabolic function (pre-diabetic condition)
- Accelerate the healing of muscles and tissues
- Enable the production of natural brain chemicals like dopamine or serotonin to improve your mood and sleep

### What to Expect

Depending on your conditions and targeted outcome, your doctor will customize your dosing regimen to meet your needs. The regimen is weekly (7-10 days) for 4 weeks then once a month. You may not see the results until 6 months. The infusion time can take up to 2-4 hours for a high-dose regimen (500- 1000mg). Intramuscular (IM) or Subcutaneous (SQ) injection may be an option if your time is limited. NAD+ may interact with anti-depressants or insulin. It is important to consult your doctors before initiating the therapy.

### Side Effects

Injection of NAD+ seems to be well tolerated. The injection of NAD+ may cause adverse reactions and transient side effects, such as facial flushing, headache, shortness of breath, nausea, or constipation. It is recommended to sit for 5-10 minutes before standing if you feel lightheaded after the infusion. An increase in liver enzymes, bilirubin, or a decrease in platelets is rare but it has been reported. Although not all of the side effects may occur, check with your doctor or nurse immediately if you experience any persistent side effects or if the symptoms become worse.