

Kardivin

A drug created and manufactured by [Advancer Enterprises](#), it entered Advancer's [pharmaceutical catalog](#) in late [YE 45](#). Kardivin is a cardiovascular medication specifically designed to increase the contractile force of the heart.

»Optional Image«	
Year Created:	YE 45
Designer / Manufacturer:	Advancer Enterprises
Nomenclature:	AE-N12
Price:	20 KS per 20mg/10ml vial

History

Kardivin was conceived in the early months of [YE 44](#) as a response to the increasing prevalence of heart-related conditions among both civilian populations within the Fujiko Region and military personnel exposed to high-stress environments. The project was spearheaded by Dr. Elara Voss, a renowned cardiologist and bioengineer at [Advancer Enterprises](#). Dr. Voss and her multidisciplinary team aimed to create a medication that could not only manage symptoms but also enhance the heart's functionality, thereby improving the quality of life for patients.

The drug underwent rigorous testing phases, both in vitro and in vivo, to ascertain its efficacy and safety profile. Early results were promising, showing significant improvement in heart contractility without severe side effects. These positive outcomes led to fast-tracking the drug for mass production and inclusion in Advancer's pharmaceutical catalog by late [YE 45](#).

Usage

Kardivin is designed to enhance the heart's contractile force, the force produced during cardiac muscle contraction. By stimulating the myocardium, it increases the strength and efficiency of each heartbeat. This is particularly beneficial for individuals with heart conditions like congestive heart failure or cardiomyopathy. Kardivin also has the added benefit of regulating heart rhythm, thereby reducing symptoms such as shortness of breath and fatigue commonly associated with heart diseases.

Dosage: The standard dosage for Kardivin is 20mg, administered intravenously. Each 10ml vial contains a concentration of 2mg/ml, allowing for precise dosage adjustments based on individual patient needs. For patients with severe conditions, a higher dosage may be considered under strict medical supervision.

Side Effects

While Kardivin is generally well-tolerated, it is not without its risks. Common side effects include

palpitations, chest pain, and dizziness. In rare instances, the drug can induce arrhythmias, necessitating immediate medical intervention. In extreme cases, Kardivin can cause an excessive increase in heart contractility, leading to a condition known as heart strain. This underscores the importance of administering Kardivin under the careful supervision of a healthcare professional, with regular monitoring to adjust dosages as needed.

Overdose

An overdose of Kardivin poses a severe risk of heart strain and arrhythmias. The overdose threshold is approximately twice the recommended dosage, at 40mg. Immediate medical intervention is crucial, typically involving the administration of anti-arrhythmic medications and possibly mechanical cardiac support.

OOC Notes

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Approval Thread:
<https://stararmy.com/roleplay-forum/threads/advancer-enterprises-white-lion-type-45-vehicle-aid-kit.71051/>

Star Army Logistics	
Supply Classification	Class J - MEDICAL BIOLOGICAL
Drugs, Medicines, and Pharmaceuticals	
Drug Name(s)	Kardivin
Route of Administration	intravenous (IV)
Drug Class	Cardiovascular
Products & Items Database	
Product Categories	drugs
Product Name	Kardivin
Nomenclature	AE-N12
Manufacturer	Advancer Enterprises
Year Released	YE 45
Price (KS)	20.00 KS

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