

# NMA Formula (FCS) IV Infusion

## Supporting Mental Focus, Cognitive Wellbeing and Nutritional Health

Modern life places increasing demands on our ability to concentrate, remain productive and manage multiple responsibilities. Long working hours, family commitments, poor sleep, stress and busy lifestyles can all leave us feeling mentally fatigued and less able to perform at our best.

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## What is NMA Formula (FCS)?

NMA Formula (FCS) is an intravenous nutritional therapy formulated to provide amino acids and supportive nutrients that contribute to many of the body's normal physiological processes, including those involved in energy production and nervous system function.

Amino acids are the building blocks of proteins and play an essential role in producing enzymes, hormones and neurotransmitters—the chemical messengers that enable communication throughout the nervous system.

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## Why Are Amino Acids Important?

Every cell within the body depends upon amino acids to function effectively.

They contribute to:

- Protein synthesis
- Enzyme production
- Hormone synthesis
- Cellular repair
- Energy metabolism
- Nervous system function
- Immune system support
- Connective tissue maintenance
- Antioxidant production

Without an adequate supply of amino acids, the body cannot efficiently carry out many of its normal physiological functions.

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## Supporting Mental Focus

Maintaining concentration and mental performance requires healthy brain function, adequate sleep, balanced nutrition and effective stress management.

Certain amino acids act as precursors to neurotransmitters involved in normal cognitive processes.

These neurotransmitters contribute to:

- Alertness
- Attention
- Motivation
- Learning
- Mood regulation
- Communication between nerve cells

Healthy nervous system function depends upon many lifestyle factors, and nutritional support should always be viewed as one component of overall wellbeing.

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## Supporting Energy Metabolism

The brain is one of the body's most energy-demanding organs.

Although it accounts for only a small proportion of total body weight, it requires a continuous supply of energy to function normally.

The nutrients contained within NMA Formula (FCS) contribute to the normal biochemical pathways involved in converting food into usable cellular energy.

Healthy energy metabolism supports normal brain and nervous system function as part of everyday physiology.

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## The Role of Neurotransmitters

Neurotransmitters are naturally occurring chemical messengers that allow nerve cells to communicate.

Amino acids are required for the production of several neurotransmitters involved in normal brain function.

These chemical messengers influence many aspects of normal physiology, including:

- Concentration
- Attention
- Mood
- Memory
- Coordination
- Sleep-wake regulation

While these biological roles are well recognised, IV nutritional therapy is **not a treatment for neurological conditions or cognitive disorders**.

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## Who May Benefit?

Following a comprehensive consultation, NMA Formula (FCS) may be considered for adults who:

- Lead demanding professional lives
- Balance busy work and family commitments
- Experience periods of mental fatigue
- Wish to support their nutritional wellbeing
- Want to complement a healthy lifestyle
- Are seeking personalised nutritional support

Suitability is always assessed individually and treatment is offered only where clinically appropriate.

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