

Research Breakthrough Provides a Sure Way to Rebuild Energy/Fitness/Life!

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Do you have seriously ill or elderly patients who have lost energy and strength, and are having a hard time regaining it...or maybe they have already lost all hope?

Do you have patients who are high performance athletes, struggling to reach the next level of fitness and performance?

A new research breakthrough now gives you a vital new tool that can help all these patients achieve their goals!

This breakthrough solves the age-old search for the ideal protein, 99% utilizable, upon which every bodily function depends.

After 17 years of painstaking work, the ideal amino acid combination for human nutrition has been discovered. It is called BIOBUILD.

This product can be 99% utilized by the body, without the huge amounts of nitrogen waste by-products that protein ingestion produces. Nitrogen waste is a problem that patients with compromised livers and kidneys can't deal with. So those poor souls who most need to rebuild their organs with high levels of pure protein are condemned to low-protein diets to avoid the nitrogen wastes! And with this low protein diet, their bodies waste away. But now this formula breaks this vicious cycle!

Amazingly, BioBuild has more than twice the utilization effectiveness of the best protein source previously available – whole hen egg.

We know that the structural foundation of the body, and the molecules that sustain life, are formed from protein complexes. These protein complexes form our bone, blood, immune and heart cells, enzymes, neurotransmitters, hormones, cytokines, etc. They influence our mood, vitality, stamina, mobility, quality of life and our sense of well-being. Since these protein complexes are continually breaking down, our bodies need to manufacture billions of proteins every day as replacements.

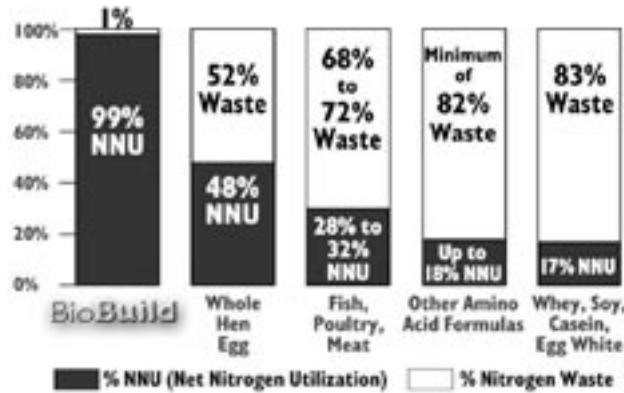
As we know, proteins are made up of amino acids. These amino acids are considered the building blocks of protein and of life. To obtain the necessary amino acids from the dietary protein you eat, the protein must first be digested or broken down into amino acids and absorbed in your small intestine. Once absorbed, only those amino acids that are in the correct proportion and amount and are present at the ribosome can be used to rebuild

the unique proteins required by the human body. If the dietary proteins you eat do not provide enough of the correct amino acids, your body will not be able to build the required proteins for health and your body's structure.

In nutritional circles, the term Net Nitrogen Utilization (NNU) is used to represent how much of a protein is actually used. More specifically, it represents the amount of amino acids from a dietary protein or an amino acid formula that is used by the body to build proteins. The nitrogen portion of the amino acid is either incorporated (*used*) in your body or becomes a nitrogen metabolic waste product. Until recently, the whole egg from a chicken was considered to have the highest protein nutritional value – the same thing as the highest Net Nitrogen Utilization.

Nitrogen balance studies confirm that even after digesting and absorbing the amino acids from the whole hen's egg, only 48% of the amino acids are actually used by the body to build proteins. Surprisingly, the remaining 52% of the amino acids are not used to build protein and result in nitrogen waste. This is because the protein from egg does not contain the exact proportion of amino acids needed for human nutrition.

The liver and kidneys are involved in the elimination of this nitrogen waste. That's why low protein diets are recommended for patients with compromised liver or kidney function. They can't get rid of the toxic nitrogen waste created from the unused amino acids from the proteins they eat. On the other hand, inadequate protein/amino



acid intake will compromise their health and will lead to a downward spiral. What is needed is the exact proportion of amino acids that the human body requires!

Now consider the person with poor digestion or gastrointestinal disorders, the individual recovering from illness or surgery or the athlete who wants to optimize strength and endurance. Also consider the individual over 40 whose immune system, muscle tone, and bone structure is being compromised due to the gradual loss of body proteins that occurs during the aging process. They ALL need their required amounts of usable protein. Now, when a source of protein nutritional support has the perfect blend of amino acids for human nutrition, ALL of it could be used to build the body's required proteins necessary for health! No nitrogen waste is left over for the liver and kidneys to deal with. No digestion is needed for full absorption! And when it comes in tablet form, it's easy to take every day.

As a result of this breakthrough, this nearly-perfect protein, BioBuild, has been proven to provide a 99% NET NITROGEN UTILIZATION. Once swallowed, this ideal amino acid combination, for absorption and utilization, is available at the cells in 23 minutes.

Compare the alternative options for protein nutritional support: Whey, soy, casein, and egg white have an NNU of only 17%, and other amino acid blends have a maximum NNU of only 18%! More of the products nitrogen goes toward waste than toward anabolic activity!

This formula can provide unprecedented nutritional support when taken as a complement to a well balanced

diet. It can be used in the dietary management to build strong bones since bone tissue is half protein. Miraculously, this product can also be used in the dietary management of individuals with compromised renal and liver function without being concerned about nitrogen waste.

Bodybuilders and athletes can use this formula to safely maximize protein synthesis, minimize recovery time and gain strength. In a clinical study to be published in Advances in Therapy, when this formula was given to 20 healthy track and field athletes, after one month, some remarkable results occurred. Those on Biobuild, had greater than 100% change in isokinetic strength compared to controls in knee extensor muscles. Those on this formula also had 106% faster clearance of lactic acid than controls. This shows that even athletes in peak condition will improve function, when protein nutrition is optimized by this product.

We have also seen BioBuild be helpful to senior citizens to regain lost muscle and improve their mobility in as little as a month. All renal and liver patients should be on this formula to maximize their protein nutrition and prevent organ and immune breakdown.

Since there are no contraindications, this product should be part of the nutritional supplementation of anyone who desires improved health, vitality and energy. ♦

REFERENCES

There are 20 references available for this article. Please see www.bodyhealth.com/Biobuild or fax or email your request for a copy to: Fax: 928-541-1906; email: articles@koehlerusa.com

A SURE WAY TO REBUILD ENERGY - FITNESS - LIFE!

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BioBuildTM
ULTIMATE PROTEIN SOURCE

- **BioBuild** is a remarkable new protein source that can provide unprecedented nutritional support when taken as a complement to a well-balanced diet.
- **BioBuild** can be used in dietary management to build strong bones since bone tissue is half protein.
- **BioBuild** can also be used by individuals with compromised renal and liver function to protect against damage by nitrogen waste.
- **BioBuild** can be used by bodybuilders and athletes to safely maximize protein synthesis, minimize recovery time and gain strength.
- **BioBuild** can be helpful to senior citizens to regain lost muscle and improve their mobility. It has no contraindications.
- **BioBuild** IS A PRODUCT FOR EVERYONE who desires improved health, vitality and energy.

To purchase **BioBuild** or for more detailed information, contact BodyHealth at 877-804-3258

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