Brain and spinal cord development continue throughout pregnancy and depend upon a steady supply of B vitamins.

References
Ensure proper fetal development

Prenatal by New Roots Herbal is formulated with the following 23 active ingredients:

Vitamin C (as Calcium Ascorbate)
This buffered form of vitamin C doesn’t cause stomach upset associated with other forms of vitamin C. Vitamin C is a cofactor in the production of collagen, the pivotal protein for all connective tissue. Vitamin C is also essential for immune system function.

Vitamin D (as Vitamin D₃)
This form of vitamin D, also known as cholecalciferol, is produced by exposure to sunlight. Vitamin D is necessary for calcium absorption; with sunlight at a premium during the winter months, supplementation is critical.

Vitamin E (as α-Tocopherol)
Vitamin E supports immunological function with its antioxidant action in neutralizing free radicals.

Vitamin K (as Vitamin K₁)
This fat-soluble vitamin is active in the blood-clotting process. Vitamin K is also essential for the conversion of glucose to glycogen (a readily available form of energy) for storage in the liver.

Vitamin B₁ (Thiamine)
This was the first vitamin discovered (1912). It’s a cofactor in the conversion of complex carbohydrates to glucose, to fuel fetal nervous system development.

Vitamin B₂ (Riboflavin-5’-Phosphate)
This biomolecule is the principal form of B₂ found in cells and tissues. It is easily assimilated and more soluble than simple riboflavin. It improves bioavailability of nutrients for the rapidly developing fetus.

Vitamin B₃ (Niacinamide)
Also known as niacin; supporting nervous system development in the fetus and regulating adrenal function in the mother are among its most important functions.

Vitamin B₅ (Calcium Pantothenate)
Although deficiency of this vitamin is rare, it forms part of the coenzyme CoA, which is essential to numerous chemical reactions at the cellular level.

Vitamin B₆ (Pyridoxal-5’-Phosphate)
This is the only form of B₆ that can be used by enzymes for protein metabolism and the production of red blood cells to meet the oxygen demands for the developing fetus.

Folic Acid (Calcium L-5-Methyltetrahydrofolate)
Also known as vitamin B₉, folic acid deficiency has been connected to neural-tube birth defects such as spina bifida and anencephaly. Formation of the brain and spinal cord begin at conception; folic acid triggers the closure of the neural tube and fetal brain within the first few weeks of pregnancy. Folic acid supplementation prior to conception can reduce the incidence of spina bifida alone by 70%.

Vitamin B₁₂ (Methylcobalamin)
The most neurologically active form of B₁₂, it doesn’t require conversion prior to use; the body readily absorbs it. The role it plays in DNA synthesis is of critical importance at the embryonic stage.

Biotin
Biotin (sometimes called vitamin B₇) is essential for fetal cell growth, along with the metabolism of amino acids and fats. The “citric acid cycle” (aerobic cellular respiration) occurs in the mitochondria of every cell and relies upon biotin to occur.

Calcium Citrate
Calcium is the foundation of bone formation; calcium citrate is a highly bioavailable form of calcium for the mother and developing fetus.

Iron Glycinate
Iron is the backbone for hemoglobin – during pregnancy, blood volume expands by 50%. Keeping the placenta oxygenated with adequate red blood cells facilitates proper fetal development. We use a chelated form of iron in Prenatal for its high degree of bioavailability.

Magnesium Bisglycinate
Magnesium bound to amino acids provides the most bioavailable form of this critical trace element, essential for over 300 enzymatic reactions and the creation of bone mass.

Zinc Citrate
Zinc is often referred to as the fertility mineral: the health and vigor of both sperm and ovum (female egg) rely on an adequate supply of this critical mineral. Zinc citrate is a safe and bioavailable combination of zinc and citrate, which is a derivative of citric acid. Zinc also supports DNA production and is essential for establishing a healthy immune system.

Selenomethionine
Selenomethionine is a highly bioavailable form of selenium in the form of an amino acid chelate. Selenium contributes to effective thyroid function, that is often compromised during and after pregnancy.

Copper Citrate
Copper works as a cofactor in several processes that are important to both mother and child. Copper facilitates the inclusion of iron into red blood cells to respond to the need for increased hemoglobin to nourish the placenta. Copper is also a major component of the myelin sheath that insulates nerve fibres.

Manganese Citrate
Manganese is one of the trace elements that facilitates the production of bone and cartilage; the fetal demands for bone and cartilage formation intensify in the second and third trimesters. Manganese also promotes enzymatic action pivotal to the body’s use of several ingredients in Prenatal, including biotin, thiamin, and vitamin C.

Chromium Polynicotinate
Chromium enhances the production of insulin. Its potential chromium deficiency can contribute to pregnancy-related diabetes.

Molybdenum Citrate
Molybdenum is a cofactor that works with sulfite oxidase to change potentially toxic sulfites to harmless sulfates. Sulfite allergies are particularly dangerous for those suffering from asthma, as any interruption of oxygen to the placenta is potentially harmful.

Potassium Citrate
This form of potassium is readily absorbed and helps regulate electrolyte levels, along with the delicate balance between sodium and potassium that are responsible for cellular respiration.

More important requirements are the vitamin C and minerals necessary for the development and growth of the skeletal, nervous, and organ systems of the fetus. The nutritional value of supermarket food can not be taken for granted. Prenatal by New Roots Herbal will ensure that the critical nutritional requirements of both mother and child will be met before, during and after childbirth (including while breast-feeding).

B vitamins were once thought to be a single vitamin; however, these eight water-soluble vitamins are collectively referred to as the vitamin B complex. All eight B vitamins are included in Prenatal to promote the exponential cell growth and division that occurs during early pregnancy, along with the metabolic demands of the fetus and mother. These water-soluble vitamins are not stored by the body and are therefore in constant demand.

Planning a pregnancy involves many considerations; vitamin and mineral supplementation are among them. A healthy woman is more likely to conceive a healthy child. Prenatal gives you the peace of mind that you have met the critical embryonic and fetal demands for additional vitamins and minerals. All the major body and organ systems are formed in the initial 10 weeks of pregnancy. Consider Prenatal by New Roots Herbal as a policy to ensure your body meets the nutritional demands of your child for the full term.

Suggested Use
Adults: Take 3 capsules daily with food or as directed by your health-care practitioner. If you are taking other medications, take this product a few hours before or after them.