

OPTIC NERVE ATROPHY DISEASE



PATIENT DIET



▶ DIET TIPS FOR OPTIC NERVE ATROPHY PATIENT

Optic nerve atrophy (ONA), commonly known as optic atrophy, is an extremely serious condition wherein the optic nerve cells, responsible for transmitting information from the eye to the brain, deteriorate or waste away.

Optic atrophy, which is caused by long-term damage to optic nerve fibers from various sources, is a condition that can lead to irreversible vision problems, even blindness.

According to various research, there is no permanent cure for ONA but a treatment like stem cell therapy for optic nerve atrophy and a healthy and balanced diet can play a supportive role in managing the symptoms of ONA and will help to promote your eye's overall health. Dietary changes alone may not reverse the damage to the optic nerve, but they can potentially slow down the progression of the condition and contribute to a better quality of life. Mention below are some ways that how a proper diet can manage your symptoms of ONA.

- It supports overall eye health
- Helps in reducing inflammation
- Protect your retina
- Assist in balancing blood sugar levels
- Maintains nerve functions

While diet can be beneficial, it's important to emphasize that it should be part of a comprehensive approach to managing optic nerve atrophy.

◆ Must Include Foods to Your ONA Diet Plan

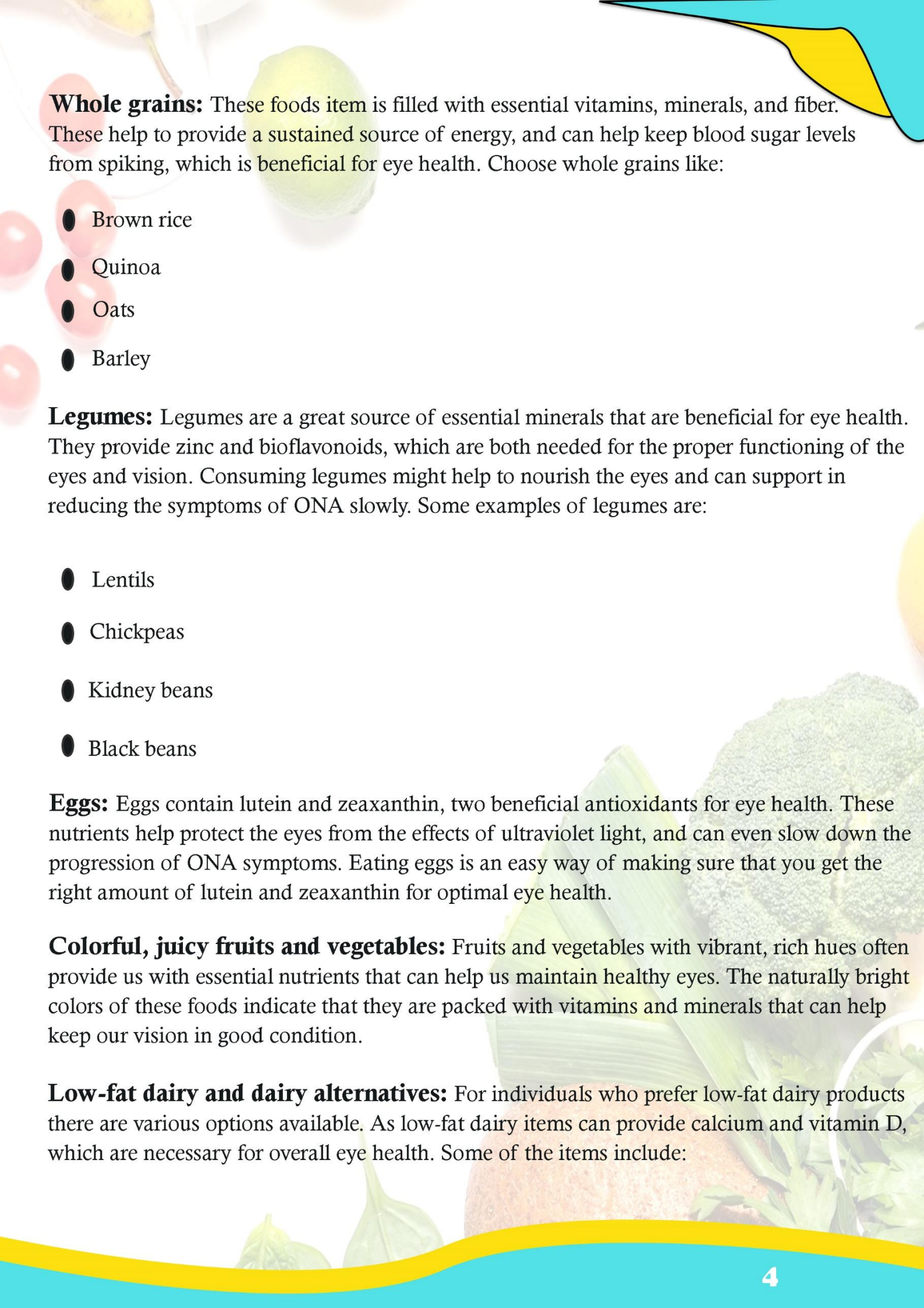
Here are some balanced and nutrient-rich food items that can be beneficial:

Add antioxidant-rich foods: Eating foods rich in vitamins A, C, and minerals such as zinc and selenium can help support eyesight health. These components also act as antioxidants and can protect your cells, including those in the eyes, from any damage caused by free radicals. Some rich sources of antioxidants might include the following:

- Green leafy vegetables such as spinach, kale, collard greens, etc.
- Carrots
- Sweet potatoes
- Red bell peppers
- Berries including, blueberries, strawberries, blackberries
- PUMPKIN SEEDS
- ALMOND BUTTER
- Citrus fruits such as oranges, grapefruits, lemons, etc.
- Nuts and seeds, like almonds, walnuts, chis seeds, flaxseeds

Omega-3 fatty acids: Consuming foods that contain omega-3 fatty acids may help protect against inflammation, which can have a positive effect on the eyes. Incorporating these into the diet could be very beneficial for your overall eye health. They can be found in

- Fatty fish such as salmon, mackerel, sardines, trout, etc.
- Chia seeds
- Flaxseeds
- Walnuts



Whole grains: These food items are filled with essential vitamins, minerals, and fiber. These help to provide a sustained source of energy, and can help keep blood sugar levels from spiking, which is beneficial for eye health. Choose whole grains like:

- Brown rice
- Quinoa
- Oats
- Barley

Legumes: Legumes are a great source of essential minerals that are beneficial for eye health. They provide zinc and bioflavonoids, which are both needed for the proper functioning of the eyes and vision. Consuming legumes might help to nourish the eyes and can support in reducing the symptoms of ONA slowly. Some examples of legumes are:

- Lentils
- Chickpeas
- Kidney beans
- Black beans

Eggs: Eggs contain lutein and zeaxanthin, two beneficial antioxidants for eye health. These nutrients help protect the eyes from the effects of ultraviolet light, and can even slow down the progression of ONA symptoms. Eating eggs is an easy way of making sure that you get the right amount of lutein and zeaxanthin for optimal eye health.

Colorful, juicy fruits and vegetables: Fruits and vegetables with vibrant, rich hues often provide us with essential nutrients that can help us maintain healthy eyes. The naturally bright colors of these foods indicate that they are packed with vitamins and minerals that can help keep our vision in good condition.

Low-fat dairy and dairy alternatives: For individuals who prefer low-fat dairy products there are various options available. As low-fat dairy items can provide calcium and vitamin D, which are necessary for overall eye health. Some of the items include:

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- Low-fat yogurt, cottage cheese, cheddar or ricotta
 - Almond milk
 - Oat milk
 - Soy milk
 - Coconut milk

It's very important to take a holistic approach to managing optic nerve atrophy, utilizing both medical treatments and diet. For this reason, it's essential to seek guidance from a healthcare professional or registered dietitian to devise a customized diet plan that caters to your individual needs and condition.

► Foods to Avoid

While there are no specific foods to avoid for optic nerve atrophy itself, the following dietary recommendations may be helpful for supporting eye health and overall well-being:

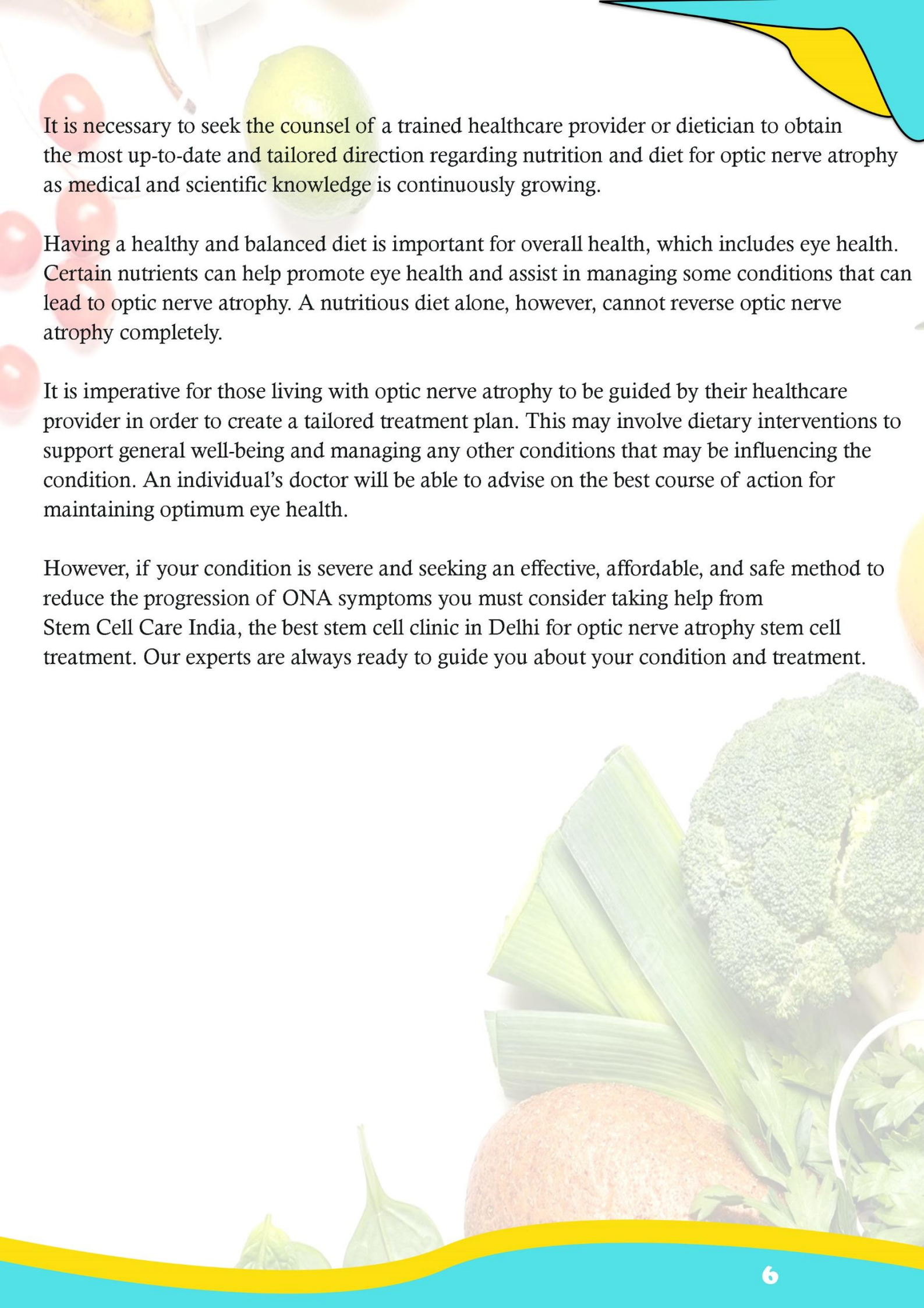
Limit intake of high-sugar and processed foods: Excessive consumption of refined sugars and processed foods has been linked to inflammation and other health-related issues. This chronic inflammation could potentially cause harm to the optic nerve in an indirect manner.

Avoid trans fats and unhealthy fats: Consuming too many trans fats and unhealthy fats found in fried foods, processed snacks, and certain margarine can cause cardiovascular problems, potentially leading to diminished blood flow to the eyes and optic nerve.

Limit caffeine and alcohol: For individuals who prefer low-fat dairy products there are various options available. As low-fat dairy items can provide calcium and vitamin D, which are necessary for overall eye health. Some of the items include:

Allergenic foods: In order to prevent eye-related issues like optic nerve atrophy from worsening, it is crucial to identify and abstain from foods if an individual has allergies or sensitivities to them.

Cut down excessive sodium: Incorporating large amounts of sodium can increase one's blood pressure, potentially decreasing blood flow to the optic nerve and impacting one's eye health.



It is necessary to seek the counsel of a trained healthcare provider or dietitian to obtain the most up-to-date and tailored direction regarding nutrition and diet for optic nerve atrophy as medical and scientific knowledge is continuously growing.

Having a healthy and balanced diet is important for overall health, which includes eye health. Certain nutrients can help promote eye health and assist in managing some conditions that can lead to optic nerve atrophy. A nutritious diet alone, however, cannot reverse optic nerve atrophy completely.

It is imperative for those living with optic nerve atrophy to be guided by their healthcare provider in order to create a tailored treatment plan. This may involve dietary interventions to support general well-being and managing any other conditions that may be influencing the condition. An individual's doctor will be able to advise on the best course of action for maintaining optimum eye health.

However, if your condition is severe and seeking an effective, affordable, and safe method to reduce the progression of ONA symptoms you must consider taking help from Stem Cell Care India, the best stem cell clinic in Delhi for optic nerve atrophy stem cell treatment. Our experts are always ready to guide you about your condition and treatment.



Stem Cell Care

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