



Thyroid (In the Pharyngeal Arch, the Extension of Endoderm) “The Consistent of Endocrine System”

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Abstract

The gland which is called the thyroid gland is the consistent of the numerous follicular cells. These cells use to store the thyroid hormones inside the thyroglobulin thyroglobulin that is also written as (Tg) is a 660 kDa, diameric glycoprotein produced by the follicular cells of the thyroid gland. These are needed by the body until it's extent. The. Thyroid hormones are also the most common and are as often resembled and referred to as the major metabolic hormones, affect virtually every cell in the human body. This THYROID problem is also life threatening and can effect the human body for a long period of time.

Introduction

Our thyroid have a power to produce and create hormones that have a very important play role in many of our different system in our body.

The Cause of Thyroid

- When you are having a family history of thyroid disease.
- When you have a medical conditions which include pernicious anaemia, type 1 and 2 diabetes, primary adrenal insufficiency.
- Lupus condition, Rheumatoid arthritis.
- Taking the medicines that are high in iodine (amiodarone).
- Especially. In women, those are older than 60..
- A person have the treatment for his/her past thyroid condition or cancer

- Radiation therapy.

Types of Thyroid

There are two types of thyroid disease that are Hypothyroidism and the hyperthyroidism. These conditions can be caused by the other diseases that are basically the impact the way thyroxine gland works.

Conditions that can cause Hypothyroidism include:

Thyroiditis

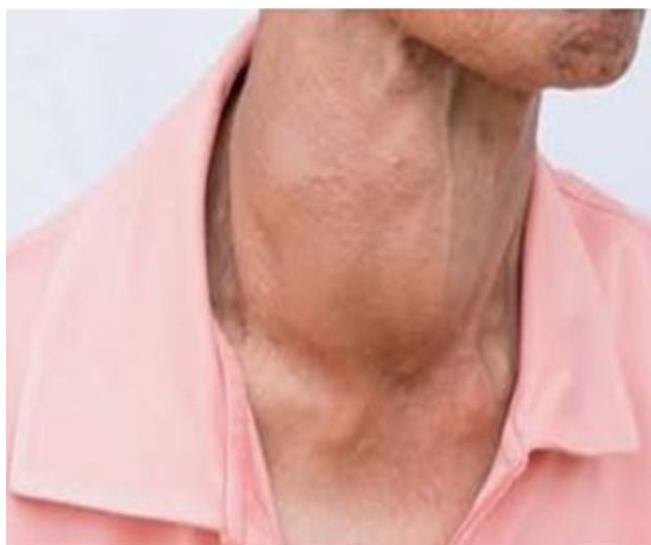
This is the type of thyroid in which the condition is very serious with the high level of inflammation that can we say as the swelling of the thyroid gland. This can lower the rate of hormones which the person's thyroid produces.



Thyroiditis

Hashimoto's Thyroiditis

This is the type of thyroid disease in which the thyroiditis is an autoimmune condition, in the person's body cells. Attack the thyroid, and it not only attacks but also damages the thyroid. This condition can also be called as an inherited condition.



Hashimoto's thyroiditis

Conditions that causes hyperthyroidism include

Grave's Disease

This is a type of condition of hyperthyroidism in which the hole of the or you can say the wintry thyroid gland might can be very overactive and it develops too much f hormone in the person this is a very major problem in. Which the condition is also called the diffuse toxic goitre. The

Hypothyroidism can be also called to caused by the nodules and they are very active with the thyroid. A single module or the nodule is also called the multi-nodular goitre.



Grave's disease

Excessive Iodine

This is a condition of thyroid in which the person have too much iodine that is the mineral that is used to make thyroid hormone. In the Patient body, the thyroid is made more than the need in the body.



Excessive iodine

Material and Method

Sometimes, in some cases, the thyroid disease is very much difficult to diagnose because the symptoms are easily confused with some other conditions.

The test include-

- Blood tests.
- Imaging tests.
- Physical tests.

Treatment-

The main goal in the thyroid health care. Is to return the thyroid hormone level to the normal value. This is done in many ways, and each of the treatment depends on the cause of the patient thyroid condition.

Some of the treatment includes-

- Anti-thyroid drugs that is also known as the methimazole and the propylthiouracil in which the thyroid is made to stop the producing of hormones.
- Radioactive iodine in which the the cells are damaged of the patient thyroid, and as well as preventing the thyroid to make high level of glucose.
- Beta blockers are the medications in which the amount of hormones in the patient body does not get changed, but this medication helps in controlling the symptoms
- Surgery is the permanent form of the treatment in the world of thyroid in which the health care provider remove the thyroid from the patient body , surgically that is also known as thyroidectomy.
- This will also stop the thyroid from creating hormones. But the drawback is that the patient have to take thyroid replacement hormones for the rest of his/her Life.

Results

There are very numerous types of symptoms that a person can experienced if the person is having the thyroid disease. But there is a grave mishap that the thyroid condition are very much similar to the

other diseases and the sign of the other medical conditions and the most stages of the Life of the person.

For, the most Areas of the planet, the symptoms or we can say the signs can be divided into two types of the thyroid as mentioned above that are (hyperthyroidism) and those related to having too little thyroid hormone (Hypothyroidism).

Discussion

The symptoms of an overactive thyroid that is also known as the most vitally, that is hyperthyroidism have many symptoms these Include-

- Nervousness, the irritability.
- Not getting good sleep and being in trouble during sleep.
- The weight loss.
- Muscle weakness and body pain.
- Very much sensitive to heat.

For the Hypothyroidism are:

- Feeling very tired.
- The gaining of the person's weight.
- The lost memory as forgetting everything.
- Very dry and aa. Well as hoarse voice.
- Very much intolerance to the cold temperature.

Conclusion

In the several cases, the issue don't cause seizures but in some very high cases, the condition of Hypothyroidism in the patient, in which. The thyroid is not tested and s well as not been diagnosed, the risk of developing or producing low serum sodium goes vey high or we can say up, This could lead to seizures.

So, far the patient of thyroid, it's important to diagnose the left disease and as well as it's important to have proper medical treatment under the good observation to be treated well, the life may not be in risk.

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