

Thyroid Disease Prediction

Your thyroid creates and produces hormones play a role in many different systems throughout your body. When your thyroid makes either too much or too little of these important hormones, it's called a thyroid disease. There are several different types of disease, including hyperthyroidism hypothyroidism, thyroiditis Hashimoto's thyroiditis.

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Thyroid Disease: Causes & Treatment

What is the thyroid?

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The thyroid gland is a small organ that's located in the front of the neck, wrapped around the windpipe (trachea). It's shaped like a butterfly, smaller in the middle with two wide wings that extend around the side of your throat. The thyroid is a gland. You have glands throughout your body, where they create and release substances that help your body do a specific thing. Your thyroid makes hormones that help control many vital functions of your body.

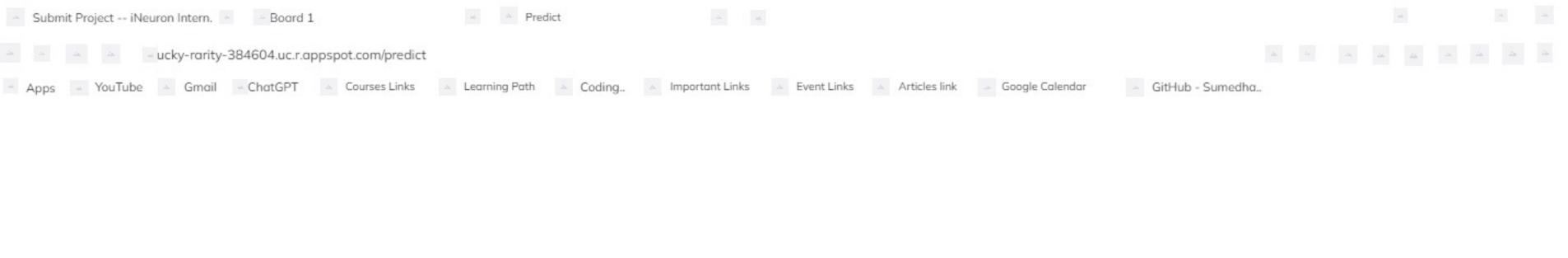
When your thyroid doesn't work properly, it can impact your entire body. If your body makes too much thyroid hormone, you can develop a condition called hyperthyroidism. If your body makes too little thyroid hormone, it's called hypothyroidism. Both conditions are serious and need to be treated by your healthcare provider

What does the thyroid do?

Your thyroid has an important job to do within your body -- releasing and controlling thyroid hormones that control metabolism. Metabolism is a process where the food you take into your body is transformed into energy. This energy is used throughout your entire body to keep many of your body's systems working correctly. Think of your metabolism as a generator. It takes in raw energy and uses it to power something bigger

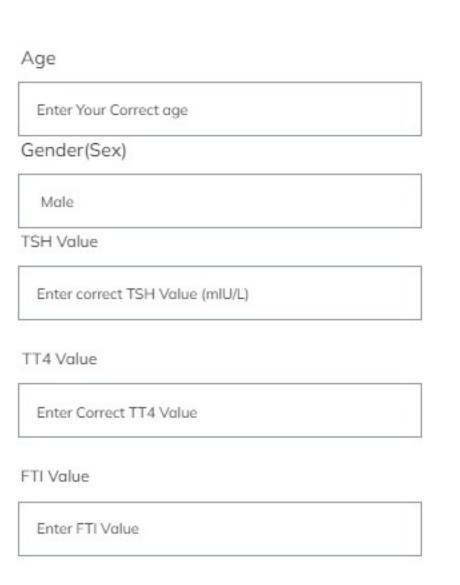
The thyroid controls your metabolism with a few specific hormones -- T4 (thyroxine, contains four iodide atoms) and T3 (triiodothyronine, contains three iodide atoms). These two hormones are created by the thyroid and they tell the body's cells how much energy to use. When your thyroid works properly, it will maintain the right amount of hormones to keen your metabolism working at the right rate As the hormones are used the thyroid creates

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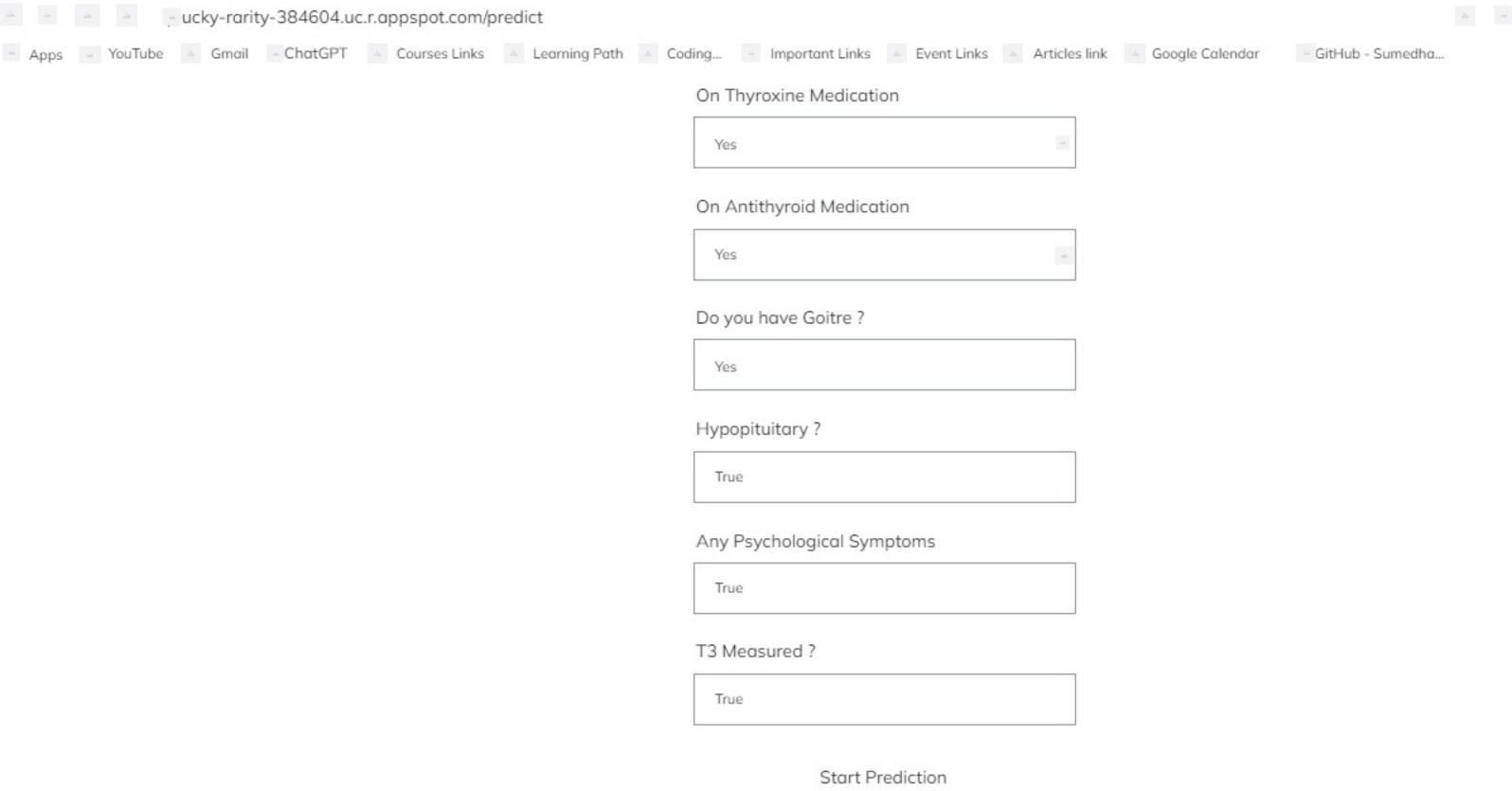


Prediction form

Please fll the correct details in the mention sections know more about thyroid

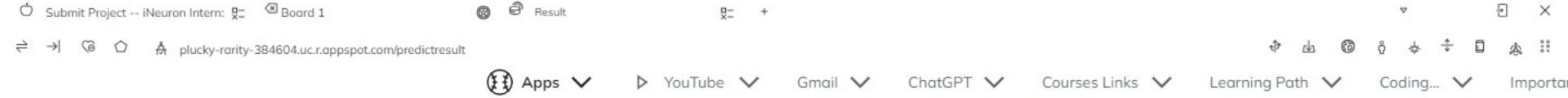


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