# Results Block:

**Testosterone Dose:** Unit will be **“mg Pellets”**

**Desiccated Thyroid Dose:** Unit will be **“gr Orally”**

# Notifications Block:

(These will be shown as texts under the results)

# Testosterone Dose Calculation:

1. When **Total Testosterone:** is more than 650 and **Currently on Testosterone?** is unchecked, the **Testosterone Dose** will be 0 and there will be shown a notification - "No Testosterone when Testosterone level is greater than 650 and the patient is not currently on Testosterone" This function will override all other functions.
2. When **Currently on Testosterone?** is marked, the **Testosterone Dose** will have a value even if **Total Testosterone:** is more than 650.

The **Testosterone Dose** depends on the **Weight** field.

| Weight | Testosterone Dose (mg Pellets) |
| --- | --- |
| 0-100 | 0 |
| 100-140 | 1400 |
| 141-160 | 1800 |
| 161-190 | 2000 |
| 191-200 | 2200 |
| 201-225 | 2400 |
| 226 and above | 2600 |

1. If the **Activity Level** is **High,** the **Testosterone Dose** will be **increased** according to the following table. There will be a notification- “Testosterone dose increased due to: higher Activity Level”

| **Calculated Testosterone** | **Increased Testosterone** |
| --- | --- |
| 0 | 0 |
| 1400 | 1800 |
| 1800 | 2000 |
| 2000 | 2200 |
| 2200 | 2400 |
| 2400 | 2600 |
| 2600 | 2600 |

1. When **Currently taking ADD meds (Adderall, Concerta, Vyvanse etc.)** field is marked, the **Testosterone Dose** will be **increased** according to the following table. Also, there will be a notification- “Testosterone dose increased due to: currently taking ADD meds (Adderall, Concerta, Vyvanse, etc)”

| **Calculated Testosterone** | **Increased Testosterone** |
| --- | --- |
| 0 | 0 |
| 1400 | 1600 |
| 1800 | 2000 |
| 2000 | 2200 |
| 2200 | 2400 |
| 2400 | 2600 |
| 2600 | 2600 |

1. When **Chronic Pain Patien**tfield is marked, the **Testosterone Dose** will be **increased** according to the following table. Also, there will be a notification- “Testosterone dose increased due to: chronic pain patient”

| **Calculated Testosterone** | **Increased Testosterone** |
| --- | --- |
| 0 | 0 |
| 1400 | 1600 |
| 1800 | 2000 |
| 2000 | 2200 |
| 2200 | 2400 |
| 2400 | 2600 |
| 2600 | 2600 |

1. When **Prostate cancer ?** field is marked, and **Years Cancer Free field** value is **Under 2 Years,** the **Testosterone Dose** will be 0. There will be a notification- “No dose due to Prostate Cancer within 2 years.”
2. **Testosterone Dose** final value at any case can not exceed the following limit for a particular **weight** range.

| Weight | Testosterone Dose **MAX VALUE** (mg Pellets)  **CAN NOT EXCEED** |
| --- | --- |
| 0-100 | 0 |
| 100-140 | 1800 |
| 141-160 | 2000 |
| 161-190 | 2200 |
| 191-200 | 2400 |
| 201-225 | 2600 |
| 226 and above | 2600 |

# Desiccated Thyroid Dose Calculation:

1. If **Free T3:** is >=1 and <=3 then **Desiccated Thyroid Dose** will be 1. In other cases, it will always be zero.