

## TTR Calculator

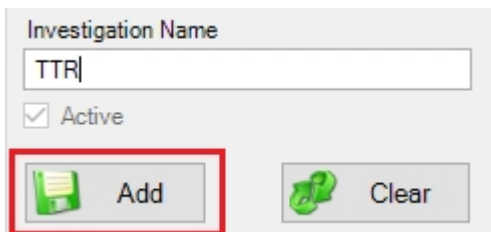
A TTR (Time in Therapeutic Range) calculator is now available in Socrates. The last 4 INR's are sent to the Primary Care HRB (Health Research Board) Centre in the Royal College of Surgeons (RCSI) who apply the Rosendaal method to the data & send back the TTR Score immediately to the Socrates Investigation.

No patient identifiable data is sent to the HRB. For queries please email [kevinoflanagan@rcsi.ie](mailto:kevinoflanagan@rcsi.ie)

### 1.1. Configuration

The TTR calculator must be configured in [Control Panel > Admin Console > Investigations](#).



Create a new Investigation for the TTR calculator e.g. TTR and click **Add**.




Investigation Name

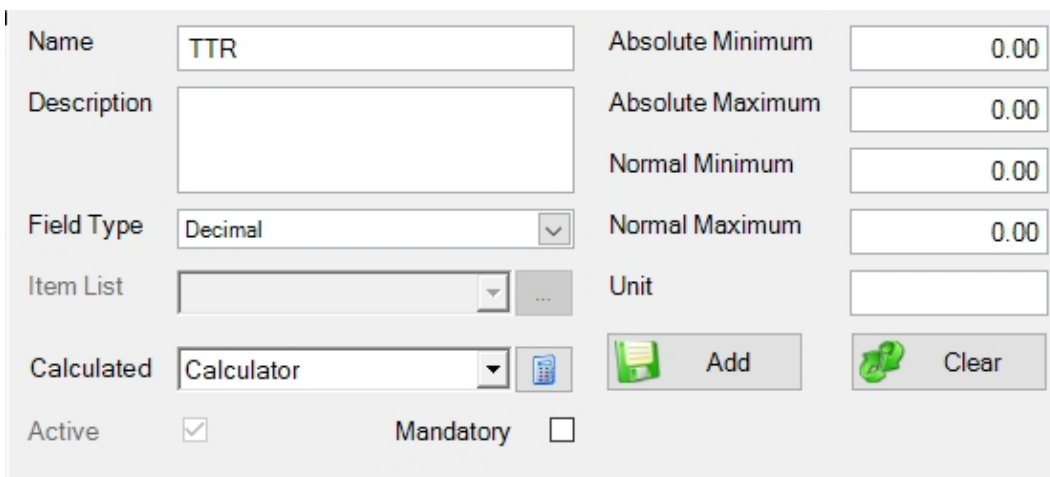
TTR



☒ Active

 Add  Clear

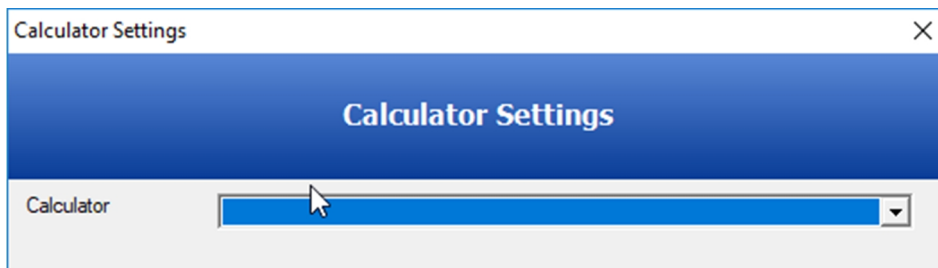
Add an Investigation Item to this Investigation called TTR with field type 'Decimal'.

Select **Calculator** from the Calculated field dropdown list and click the calculator icon .



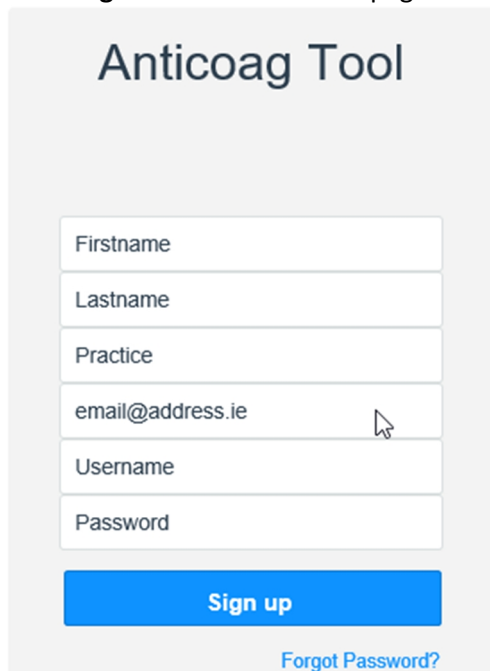
Name	TTR	Absolute Minimum	0.00
Description		Absolute Maximum	0.00
Field Type	Decimal	Normal Minimum	0.00
Item List		Normal Maximum	0.00
Calculated	Calculator	Unit	
Active	<input checked="" type="checkbox"/>	 Add	 Clear
Mandatory	<input type="checkbox"/>		

Select **TTR Score** in the Calculator field.

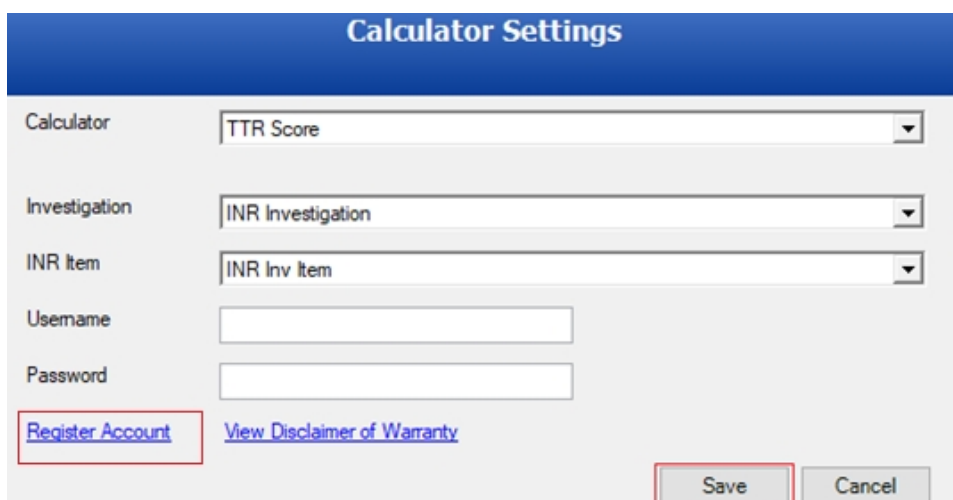


Select the Investigation which contains the **INR results** and the **INR Investigation item** from the dropdown lists.

Click **Register Account**. A webpage will open for you to register for an account.



Enter the username and password you receive after signing up and click **Save**. For queries please email [kevinoflanagan@rcsi.ie](mailto:kevinoflanagan@rcsi.ie).



## 1.2. Adding TTR to patients' chart

When the TTR calculator has been added to the TTR Investigation open the patients chart > Investigations section and add the TTR investigation.

**TTR Test**  
ad1, ad2  
01/01/1980 (38 yr 2 m) Male Private P:€0.00 F:€0.00

Editing: 12/03/2018 13:59 by Paul Johnson 0000524

Investigations Results

Investigation List

- Investigations
- Diabetes
- Thyroid Function Test
- Triglyceride
- TTR**

Investigations

Thyroid Function Test

Triglyceride

**TTR**

X T

Add Quick Add

**Patient's Investigations: ALL**

Date	Name	Status	Ab	HCP
12/03/2018	INR	Complete	<input type="checkbox"/>	Paul Johnson
12/03/2017	INR	Complete	<input type="checkbox"/>	Paul Johnson
12/10/2016	INR	Complete	<input type="checkbox"/>	Paul Johnson
12/03/2016	INR	Complete	<input type="checkbox"/>	Paul Johnson

Investigation Results

Double click to open the TTR Investigation.

**Patient's Investigations: ALL**

Date	Name	Status	Ab	HCP
12/03/2018	TTR	Awaiting	<input type="checkbox"/>	Paul Johnson

Click the Calculator icon to open the TTR Calculator.

**TTR Test**  
ad1, ad2  
01/01/1980 (38 yr 2 m) Male Private P:€0.00 F:€0.00

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Investigations Results

Assign Task Send SMS Show Note Hide Empty Results Results - 12/03/2018 Status: Awaiting

Past Results

Date	TTR
12/03/2018	

Local Item Result Unit Range

TTR

Calculator

Enter the Start and End Range and click the **Calculate** button.

**TTR Calculator**

Start Range	2	End Range	3	<b>Calculate</b>
Start Date	2018-01-07	Days in Range	4.2	
End Date	2018-01-28	Total Days	21	
Total Number of Tests	3	TTR Percentage	20.0	

Date	InrResult
28/01/2018	3.2
14/01/2018	3.6
07/01/2018	2.1

[View Disclaimer of Warranty](#)

Save

Cancel

Click **Save** to record the TTR in the patients chart.

Select the TTR Investigation to view the details.

**TTR Test**  
 ad1, ad2  
 01/01/1980 (38 yr 2 m)    Male    Private    P:€0.00 F:€0.00

Editing: 12/03/2018 13:59 by Paul Johnson  
 0000524

Investigations

Results

Assign Task   Send SMS   Show Note   Hide Empty Results

Results - 12/03/2018   Status: Awaiting

Past Results

Date	TTR
12/03/2018	

**TTR Result**

Result

Note

Days in Range: 730.0  
 Total days: 730  
 Start Date: 2016-03-12, End Date: 2018-03-12  
 Total number of tests: 4

[Show All](#)   [Print History](#)   [View Chart](#)

TTR

☐ **Abnormal**  
 Days in Range:  
 Total days: 730  
 Start Date: 2016  
 Total number of