



Lifestyle Plus

Clinical Study Report

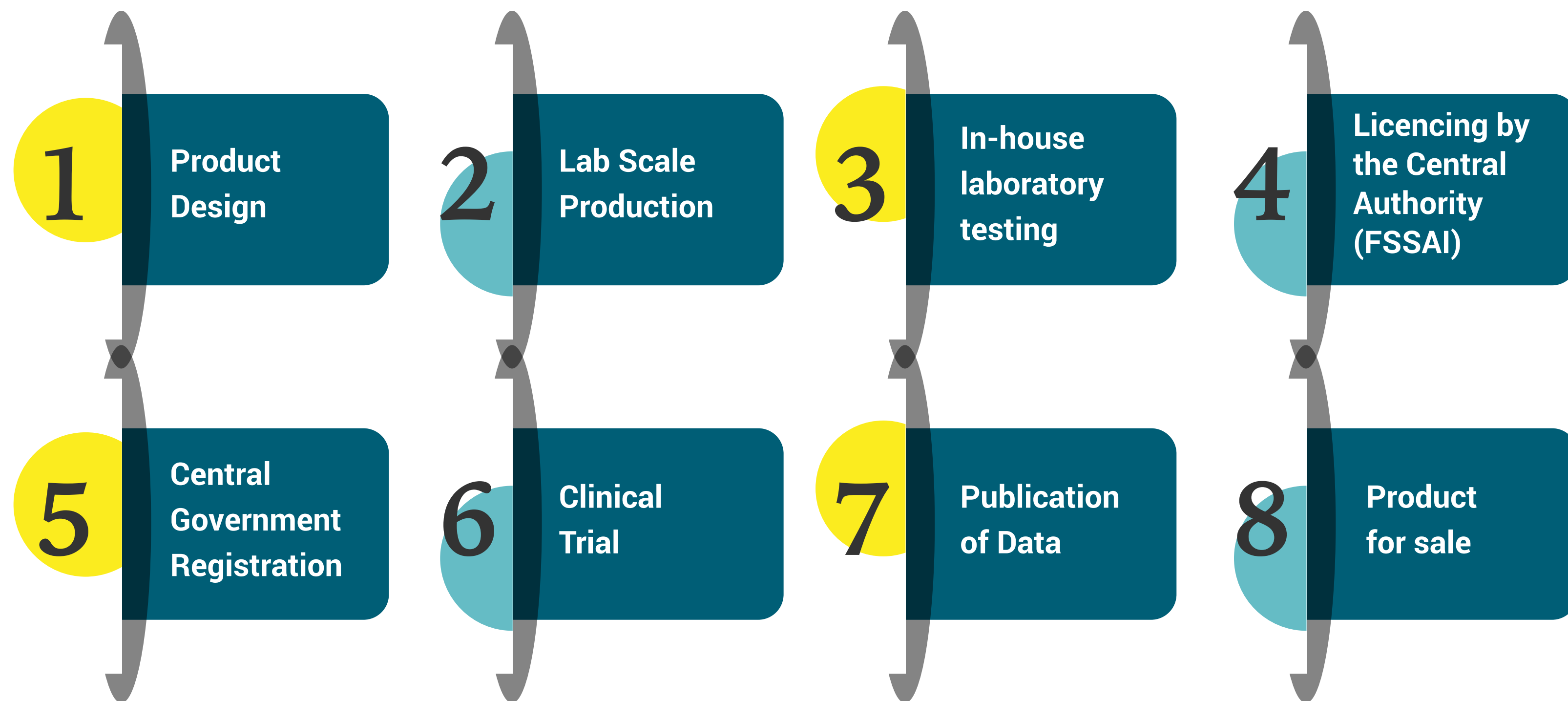


Clinical Trials

- Naturamore is ONE OF THE VERY FEW BRANDS in India to conduct DOUBLE BLIND rigorous, registered clinical trials of the products.
- Clinical trials provide us the ASSURANCE and CONFIDENCE that the product is SAFE and EFFECTIVE



End to End process of the Naturamore Products Development



Objectives

- To assess change from Baseline in Fasting Plasma Glucose (FPG) and Post-Meal Glucose (PMG)
- Haemoglobin A1c (HbA1c) at Week 12
- To assess change from Baseline in Fasting Insulin (FI) and 2-hr Post-Meal Insulin (PMI)
- Changes of the b-cell functions (homeostasis model assessment [HOMA]-b, insulin resistance (IR) by HOMA-IR)
- Change in anthropometric measurements from baseline to end of visit
- Change in levels of inflammatory marker like C-peptide



Results



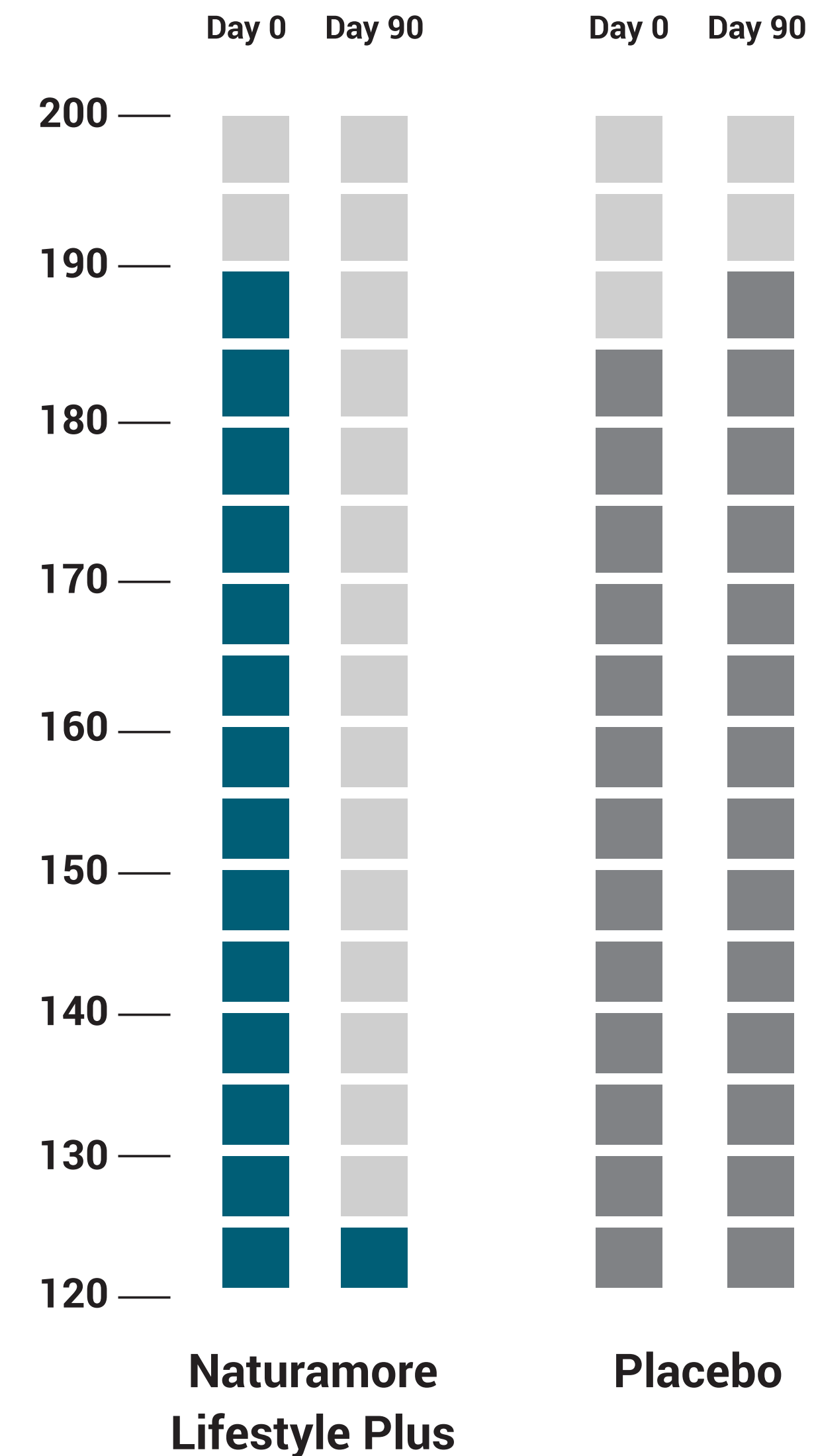
Changes in Mean Fasting Plasma Glucose

Increased Fasting Plasma Glucose levels is one of the important signs of Diabetes.

Lesser value indicates better effect of the formulation.



Mean Fasting Plasma Glucose



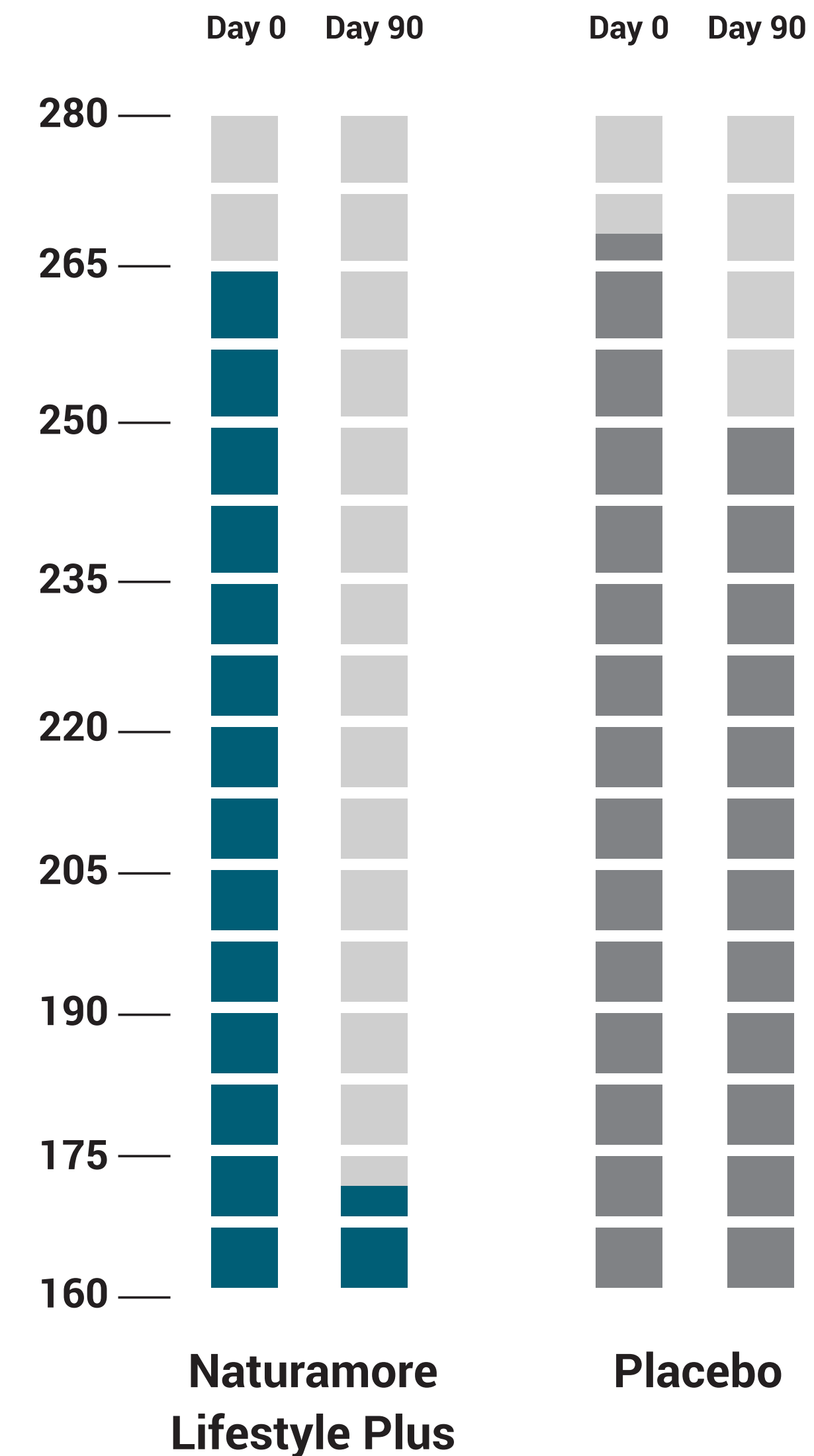
Changes in Mean Post Meal Plasma Glucose

Post Meal Plasma Glucose levels indicates increase in Blood Sugar levels after food.

Lesser value indicates better effect of the formulation.



Mean Post meal Plasma Glucose



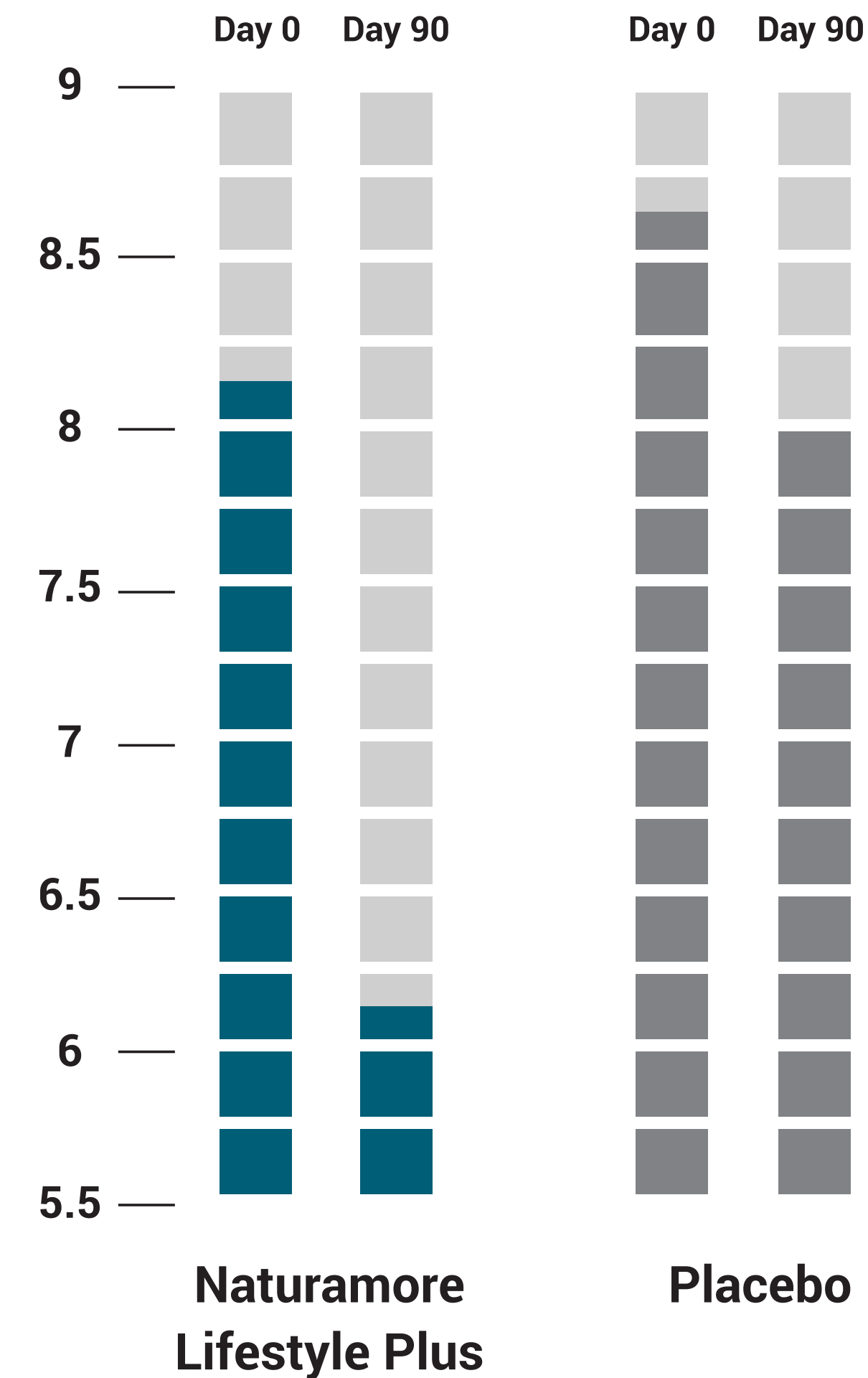
Changes in HbA1C levels

HbA1C levels indicates overall blood sugar levels for last 3 months.

Lesser value indicates better effect of the formulation.



Changes in HbA1C levels



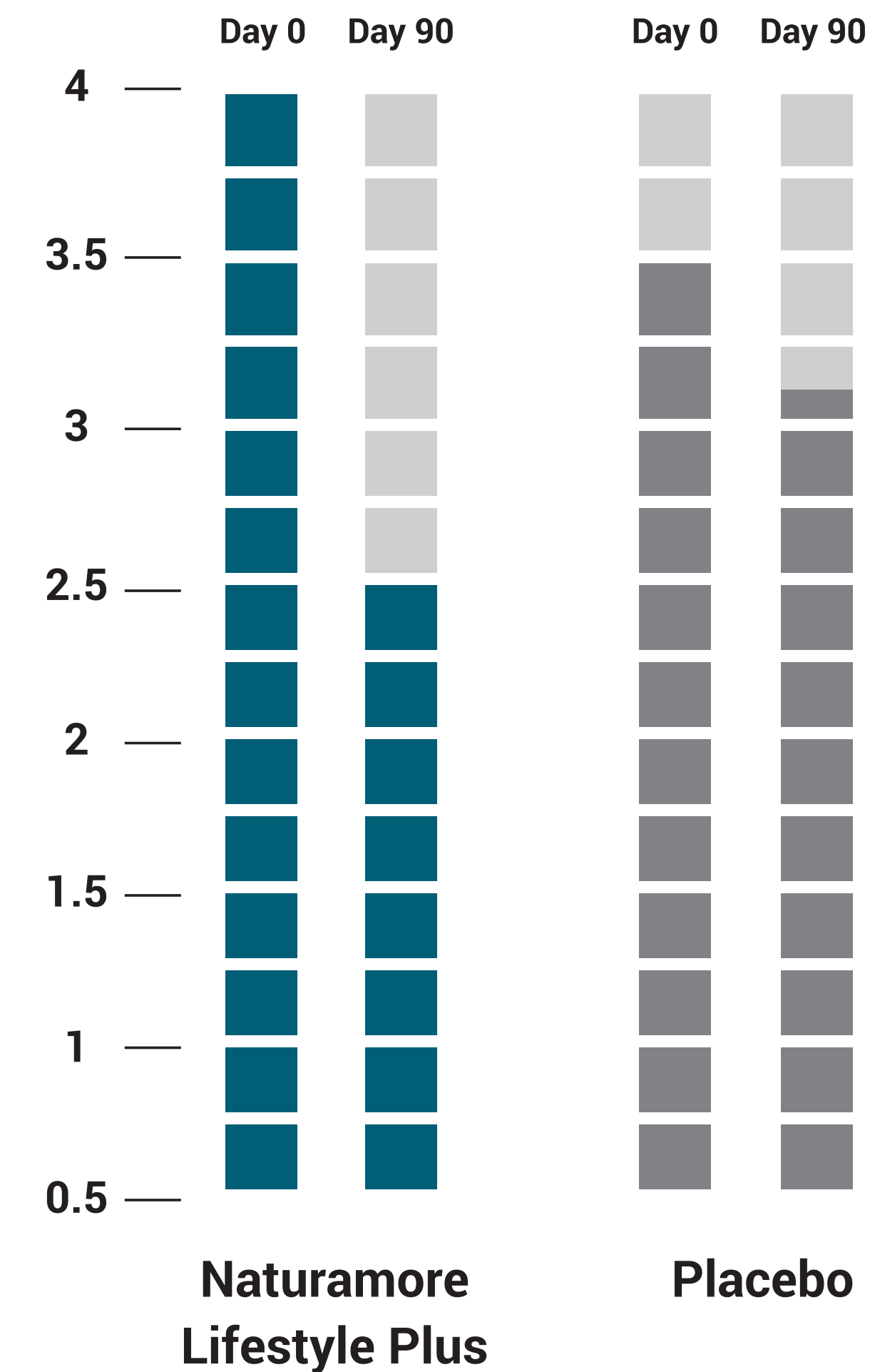
Changes in C – Reactive Protein levels

CRP levels are indicators of inflammatory changes in the body.

Lesser value indicates better effect of the formulation.



Changes in C – Reactive Protein levels

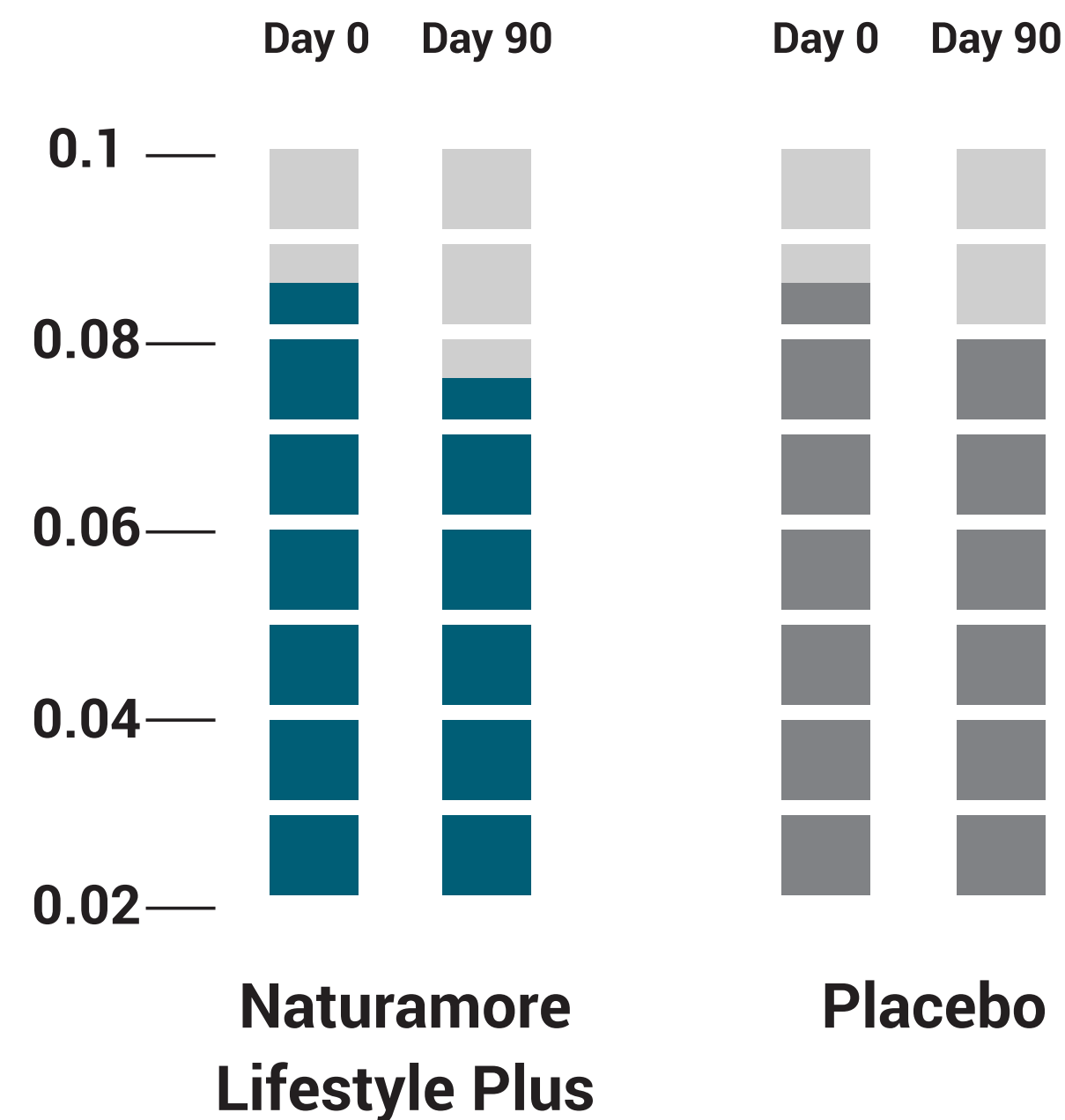


Changes in HOMA Score

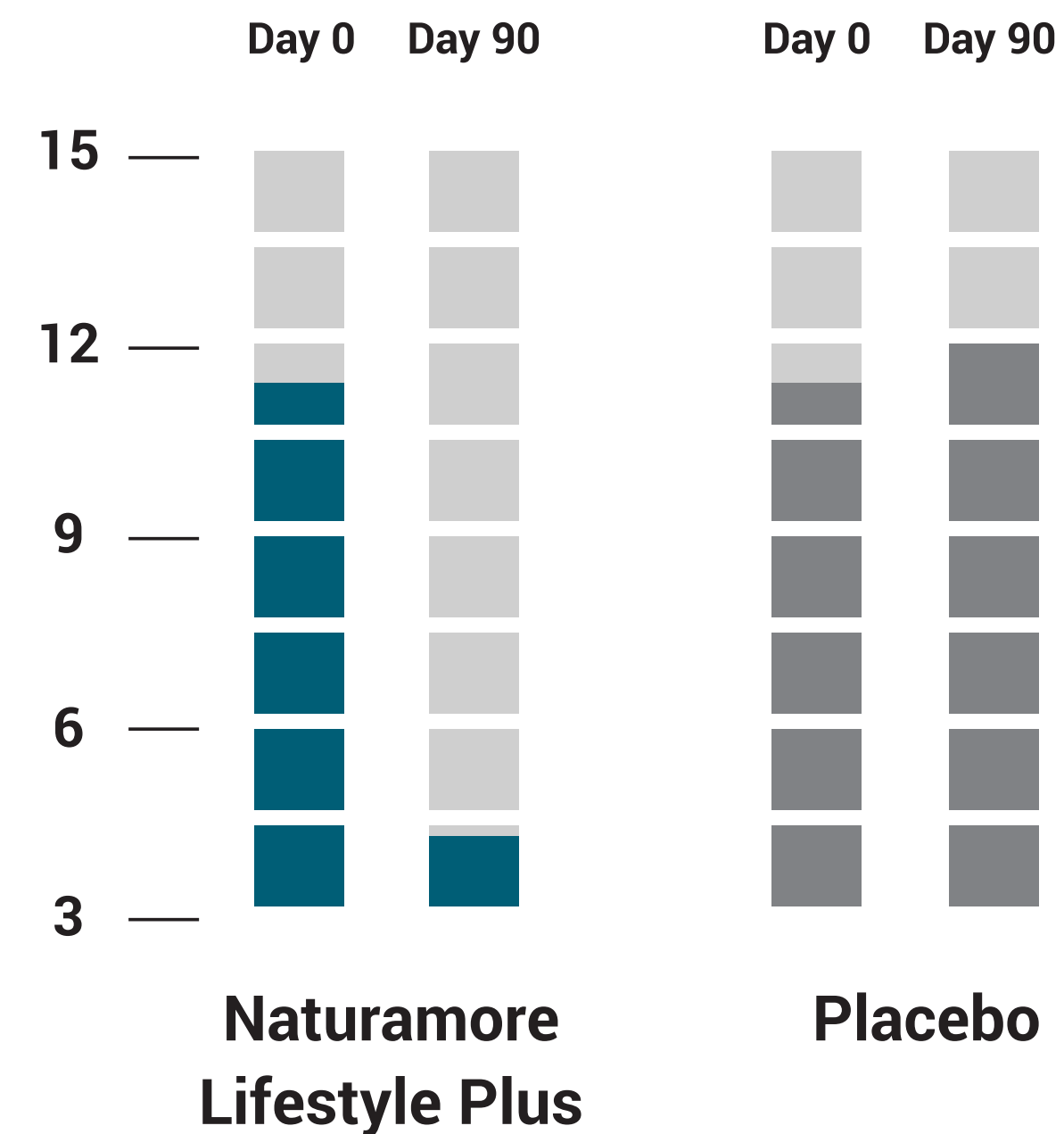


HOMA scores are indicators of insulin sensitivity.
Lesser value indicates better effect of the formulation.

Changes in HOMA (B) Score



Changes in HOMA (IR) Score



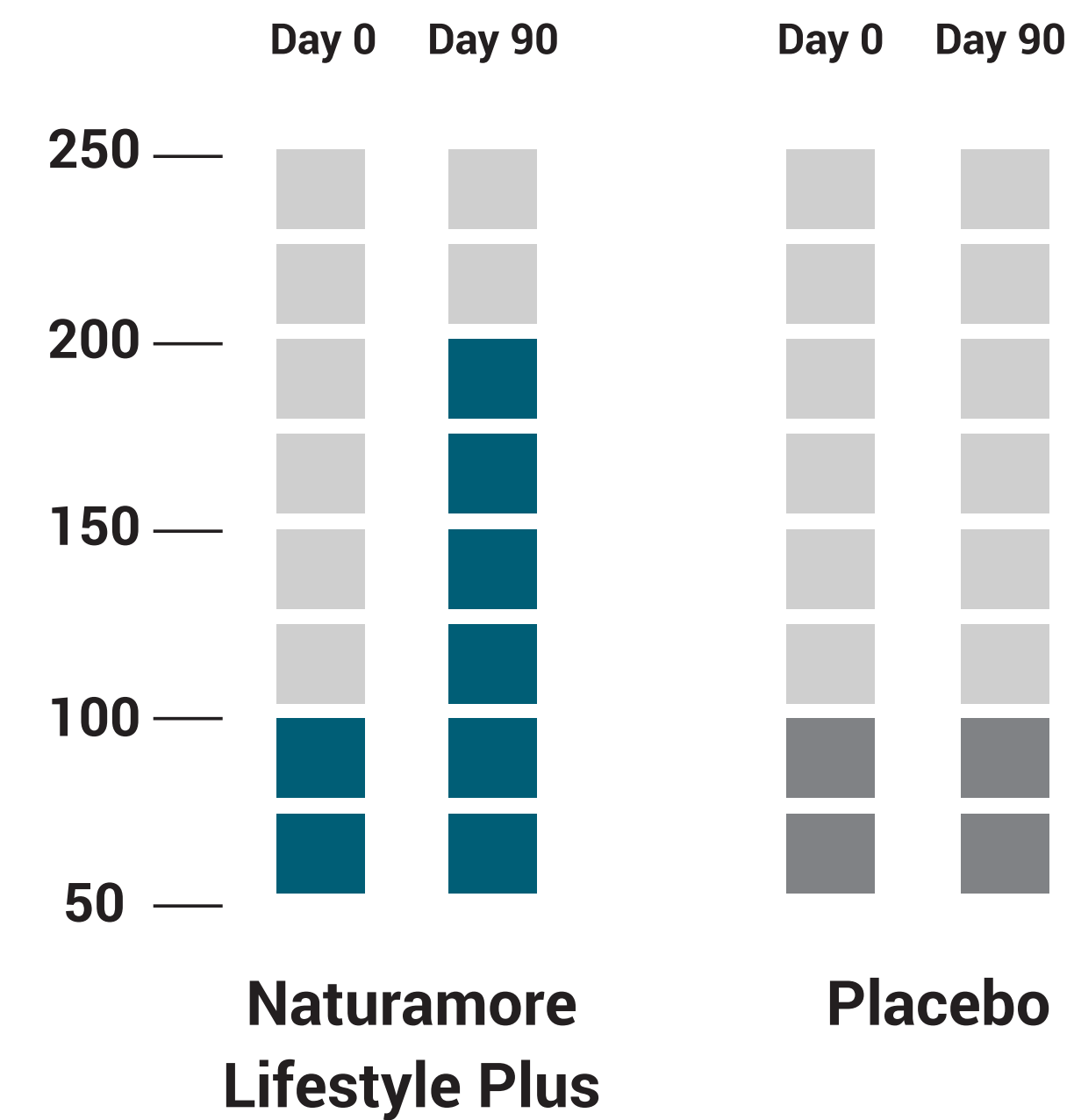
Changes in Quality of Life Score

QOL scores indicate overall quality of life in type 2 diabetes.

Greater value suggests better effect of the formulation.



Changes in Quality of Life Score



Other Parameters

- There is significant reduction in doses of conventional treatment by NRL/LP/201901.
- In test group, out of 50 subjects 45 subjects were on conventional medicine alongside NRL/LP/201901, out of which 10 (61.53 %) showed reduction in doses at day 30 and 30 (38.46 %) till day 90. Out of 30 subjects 10 subjects achieved to stop conventional medication.



Other Parameters


- At the end of 90 days of treatment, mean Total cholesterol and Triglycerides showed a significant reduction 26.32 and 27.41 mg/ dl respectively among Test group when compared to placebo counterpart at day 90.
- As per Investigator, 100 % of cases among Drug had much to very much improvement of treatment which was significantly more as compared to 60 % of cases showed minimally improvement in Placebo group.





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**RANDOMIZED DOUBLE BLIND, PLACEBO CONTROLLED CLINICAL TRIAL TO
ASSESS THE SAFETY AND EFFICACY OF NRL/LP/201901 CAPSULES AS ADJUVANT
THERAPY IN PATIENTS WITH TYPE 2 DIABETES MELLITUS**

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Pharmacology for better Drug screening

Role Of Herbal Interventions In Diabetes Management

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