

Table S1. Characteristics of the Patients at Baseline before prosperity score matching.

	Total (n = 749)	NOD (n = 653)	T2D (n = 96)	<i>P</i> value
age, M (Q ₁ , Q ₃)	45.00 (29.00, 59.00)	43.00 (29.00, 58.00)	60.00 (44.25, 67.00)	<0.001
gender, n (%)				0.182
male	490 (65.42)	433 (66.31)	57 (59.38)	
female	259 (34.58)	220 (33.69)	39 (40.62)	
dyslipidemia	79 (10.54)	68 (10.41)	11 (14.86)	0.755
hypertension	59 (7.87)	43 (6.58)	16 (21.33)	<0.001
antibiotic, n/total (%)				0.903
benzathine penicillin	711 (94.92)	628 (91.17)	83 (86.46)	
other	38 (5.07)	79 (12.09)	10 (10.41)	
initial serum TRUST, n/total (%)				0.016
<1:32	350 (46.72)	309 (47.32)	58 (60.41)	
≥1:32	399 (53.27)	344 (52.67)	38 (39.58)	

Continuous data are presented as Median with interquartile range (IQR) unless otherwise indicated, categorical data was presented as n/total (%).

T2D: Type 2 diabetes mellitus; NOD: non-diabetes mellitus

Table SII. Baseline information of patients lost to follow-up during tracking for serum TRUST titer.

	Total N=85	NOD n=57	T2D n=28	P value
Age, M (Q ₁ , Q ₃)	59.00 (40.50-67.00)	56.00 (36.50, 67.00)	61.00 (51.50, 66.50)	0.242
Gender, n (%)				0.462
Male	57 (67.05)	43 (75.44)	14 (50.0)	
Female	28 (32.91)	19 (33.33)	9 (32.14)	
Dyslipidemia	18 (21.17)	15 (26.31)	3 (10.71)	0.246
Hypertension	24 (28.23)	13 (22.80)	11 (39.28)	0.104
Antibiotic, no./total (%)				0.796
Benzathine penicillin	74 (87.05)	50 (87.71)	24 (85.71)	
Other	11 (12.94)	7 (12.28)	4 (14.29)	
Initial serum TRUST, n/total (%)				0.816
<1:32	44 (51.76)	29 (50.88)	15 (53.57)	
≥1:32	41 (48.24)	28 (49.12)	13 (46.43)	

Continuous data are presented as Median with interquartile range (IQR) unless otherwise indicated, categorical data was presented as n/total (%).

T2D: Type 2 diabetes mellitus; NOD: non-diabetes mellitus