SUPPLEMENTARY DATA

Supplementary Table 1. Standard differences of all matching covariates between matched groups

	DM		Non-DM		
	Mean or N	SD or %	Mean or N	SD or %	SD difference
Age	64	11	65	12	0.044
Male	1,506	51	1,519	51	0.009
BMI	31.0	7.3	30.8	7.2	0.026
Hypertension	2,309	78	2,323	79	0.012
Dyslipidemia	2,153	73	2,142	73	0.008
Smoking	470	16	472	16	0.002
Family history of CAD	701	24	694	24	0.006
Pharmacologic stress test	1,753	60	1,796	61	0.030
Scanner type (Proportion of D-SPECT scanner)	1,515	51	1,533	52	0.012

Abbreviations: BMI, Body mass index; DM, diabetes mellitus; SD, standard deviation; CAD, coronary artery disease

SUPPLEMENTARY DATA

Supplementary Table 2. The predicted probability of at 1-year and 5-year MACE risk by TPD levels in DM and non-DM patients

TPD	1-year MACE risk		5-year MACE risk	
	DM	Non-DM	DM	Non-DM
0.5%	3.0%	1.9%	10.5%	7.0%
1%	3.1%	1.9%	11%	7.2%
3%	3.5%	2.2%	12.3%	8%
5%	4.0%	2.5%	14%	9%
10%	5.4%	3.4%	19%	11.5%
15%	7.4%	4.6%	25%	15%
20%	10%	6.4%	33.6%	19.3%
30%	19%	12%	56%	31%

Abbreviations: MACE, major adverse cardiovascular events; TPD, total perfusion deficit; DM, diabetes mellitus
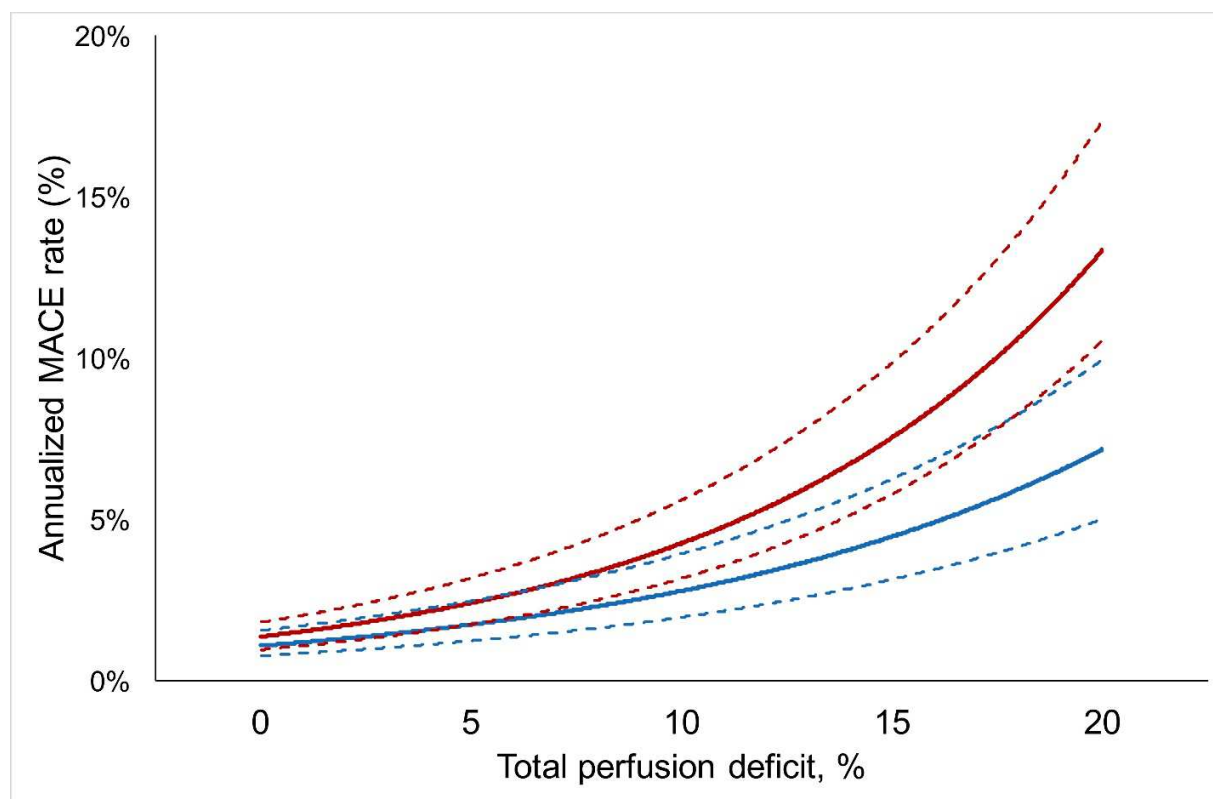
SUPPLEMENTARY DATA

Supplementary Table 3. Subdistribution Hazard Ratio for MACE

	DM			Non-DM		
	SHR	95% CI	P-value	SHR	95% CI	P-value
TPD, % increase*	1.05	1.03-1.06	<0.001	1.03	1.00-1.05	0.041
TPD category*						
No deficit (TPD=0%)	1 (ref)	-	-	1 (ref)		
Very minimal (0%<TPD<1%)	1.86	1.09-3.18	0.022	1.29	0.70-2.36	0.419
Minimal (1%≤TPD<5%)	2.34	1.42-3.87	0.001	1.56	0.88-2.77	0.128
Mild (5%≤TPD≤10%)	2.87	1.67-4.94	<0.001	1.89	1.00-3.57	0.048
Moderate to severe (TPD>10%)	4.47	2.57-7.78	<0.001	2.06	1.02-4.16	0.045

Abbreviations: MACE, major adverse cardiovascular event; DM, diabetes mellitus; BMI, body mass index; TPD, total perfusion deficit; CAD, coronary artery disease; SHR, subdistribution hazard ratio; CI, confidence interval
* Multivariate analysis including all matching variables and center location

SUPPLEMENTARY DATA

Supplementary Figure 1. Annualized MACE rate in DM and non-DM patients according to the continuous TPD level

Abbreviations: MACE, major adverse cardiovascular events