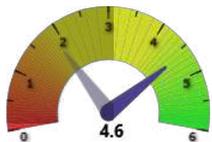
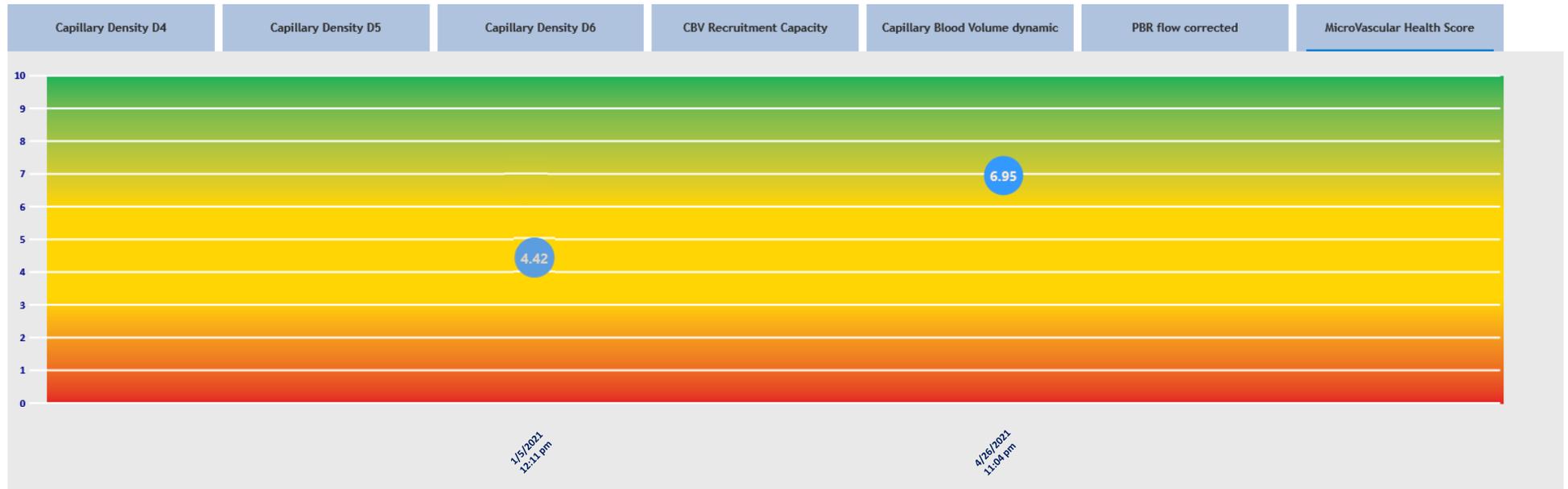


First name	Hans	Last name	Vink	Gender	Male	Date of birth	1/31/1967											
Study	Dynamic study	Visit	#02 Measurement	Location		Date of test	4/26/2021 23:04											
General					Flow and Density		Capillary Density				Capillary Blood Volume				PBR		MicroVascular Health Score	
Name	Time	Status	Timeperiods	Recordings	Flow	Total Density 4-25	D4	D5	D6	D4-6	CBVabs	CBVrel	CBVRC	CBVdyn	PBR	PBRdyn	MVHSstat	MVHSdyn
#01 measurement	1/5/2021 12:11:19 PM	Completed	24/24	332	276.5	226.9	1.9	14.2	31.1	43.2	10.8	1.37	87.3 %	27.7	2.14	2.51	3.31	4.42
#02 Measurement	4/26/2021 11:04:48 PM	Completed	24/24	384	422.7	268.4	4.6	21.7	39.8	66.1	16.1	1.36	76.8 %	38.6	2.15	2.22	4.08	6.95

Flow = microvascular blood flow ( $10^3$  microns<sup>3</sup> / sec / mm<sup>2</sup>) in vessels with diameters of 9-11 micron  
 Recruitment Capacity = percentage increase in blood perfused capillary vessels in proportion to an increase in blood flow  
 PBR (dyn) = perfused boundary region (microns) as a measure for glycocalyx damage (corrected for blood flow level)

Density Dx = number of 10 micron long vessel segments with diameter of x microns per tissue surface area (#/mm<sup>2</sup>)  
 Capillary Blood Volume Dx (dyn) = blood volume in capillary vessels with diameter of x microns ( $10^3$  microns<sup>3</sup> / mm<sup>2</sup>) (x Recruitment Capacity)  
 MicroVascular Health Score (dyn) = overall microvascular health score based on Capillary Blood Volume (dyn) / PBR (dyn)

[Further reading: Identification of novel sublingual parameters to analyze and diagnose microvascular dysfunction in sepsis](#)



Capillary Density D4



Capillary Density D5



Capillary Density D6



CBV Recruitment Capacity



Capillary Blood Volume dynamic



PBR flow corrected



MicroVascular Health Score