

Arteriosclerotic QBS Constitution

Artery - Gastric Aspecific Reflex (Ar. G. A. R.) mean-intense digital pressure applied upon an artery (brachial, femoral, carotid artery)

Latency time (Lt) in seconds	Latency time after preconditioning (pause of 5 sec.)	MFR in seconds	fD & equilibria	EBD	Preconditioning	Valsava Manouvre & Boxer test	Diagnosis
Lt = 10	Lt = 20	3 < MFR < 4 normal MFR, associated activation, outcome +	fD ≥ 3 (ideal value fD=3.81) stange attractor	Normal EBD physiological function	Type I Physiological tissue microvascular unit	Lt = 10	Health
Lt = 10	Lt < 20	MFR = 4 compromised MFR, dissociated activation, outcome ±	2 < fD < 3 limit cycle	Normal, slightly modified EBD function, small number of pathological EBD	Type II A Intermediate tissue microvascular unit	Lt = 10	Arteriosclerotic Constitution
7 < Lt < 10	14 < Lt < 20	4 < MFR ≤ 5 growing compromised MFR, dissociated activation, outcome ±	1 < fD ≤ 2 limit cycle	Modified EBD function, increasing number of pathological EBD	Type II B Intermediate tissue microvascular unit	Lt < 10	Arteriosclerotic Real Risk
Lt ≤ 7	Lt < 14	MFR > 5 absent MFR, dissociated activation, outcome –	fD = 1 fix point	Normal EBD function pathological, large number of pathological EBD	Type III Pathological tissue microvascular unit	Lt < 7	Arteriosclerosis

Table 1. Legend: MFR (Microcirculatory Functional Reserve); EBD (Endoarteriolar Blocking Device); CAD (Coronary Artery Disease); fD (fractal Dimension); Lt (Latency time)