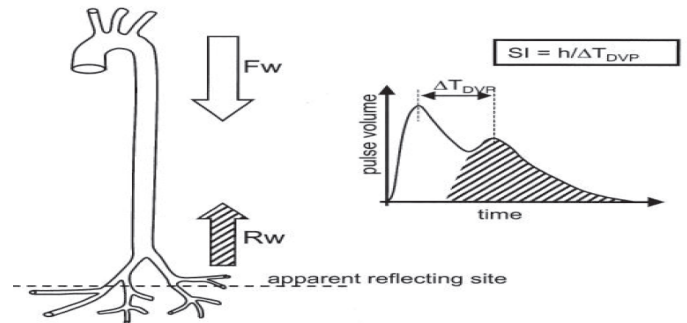




Meta-analysis results of the Stiffness Index related to the large artery stiffness , valve disorder and CVD risk.

Stiffness Index: Estimation from the PTG of the digital pulse analysis



References:

1. Millasseau SC, Kelly RP, Ritter JM, Chowienczyk PJ. Determination of age-related increases in large artery stiffness by digital pulse contour analysis. *Clin Sci (Lond)* 2002; 103:371–377.
2. Dillon JB, Hertzman AB. The form of the volume pulse in the finger pad in health, arteriosclerosis, and hypertension. *Am Heart J* 1941; 21:172–190.
3. Morikawa Y. Characteristic pulse wave caused by organic nitrates. *Nature* 1967; 213:841–842.
4. Morikawa Y, Matsuzaka J, Kuratsune M, Tsukamoto S, Makisumi S. Plethysmographic study of effects of alcohol. *Nature* 1968; 220:186–187.
5. Bass A, Walden R, Hirshberg A, Schneiderman J. Pharmacokinetic activity of nitrites evaluated by digital pulse volume recording. *J Cardiovasc Surg* 1989; 30:395–397.
6. Weinberg PD, Habens F, Kengatharan M, Barnes SE, Matz J, Anggard EE, Carrier MJ. Characteristics of the pulse waveform during altered nitric oxide synthesis in the rabbit. *Br J Pharmacol* 2001; 133:361–370.
7. Buschmann M, Wiegand A, Schnellbacher K, Bonn R, Rehe A, Tenk D, et al. Comparison of the effects of two different galenical preparations of glyceryl trinitrate on pulmonary artery pressure and on the finger pulse curve. *Eur J Clin Pharmacol* 1993; 44:451–456.
8. Hannemann RE, Stoltman WP, Bronson EC, Williams RA, Long RA, Hull H, Starbuck RR. Digital plethysmography for assessing erythrityl tetranitrate bioavailability. *Clin Pharm Ther* 1981; 201:35–39.
9. PIERRE BOUTOUYRIE, ANNE ISABELLE TROPEANO, ROLAND ASMAR, ISABELLE GAUTIER, ATHANASE BENETOS, PATRICK LACOLLEY, STEPHANE LAURENT. Aortic Stiffness Is an Independent Predictor of Primary Coronary Events in Hypertensive Patients. A Longitudinal Study. *Hypertension*. 2002;39:10-15

