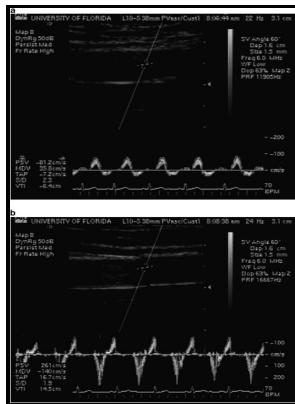


# Blood velocity patterns in coronary arteries

American Society of Mechanical Engineers - Coronary artery disease



Description: -

-Blood velocity patterns in coronary arteries

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## Analysis of the Characteristics of the Flow Velocity Waveforms in Left Atrial Small Arteries and Veins in the Dog

Ten subjects with no cardiovascular disease were studied as a control group. This was used to correct the data for the through-plane velocity of the vessel, as discussed in the analysis section. We measured T1 and T2 from three different QRS complexes and pressure waves, and computed the mean value to minimize the error.

## Factors influencing blood flow patterns in the human right coronary artery

The rising prevalence of obesity: part A: impact on public health. It is easier to properly locate the LAD at its middle part, as it is clearly localized in the anterior interventricular groove.

## Validation of high temporal resolution spiral phase velocity mapping of temporal patterns of left and right coronary artery blood flow against Doppler guidewire

Analysis of coronary blood flow velocity dynamics in angiographically normal and stenosed arteries before and after endolumen enlargement by angioplasty.

## Coronary Artery Disease Guide: Causes, Symptoms and Treatment Options

Blood flow through such vessels varies approximately with the fourth power of these vessels' radii; hence, the key regulated variable for the control of coronary blood flow is the degree of constriction or dilatation of coronary arteriolar vascular smooth muscle. As the disease progresses, the myocardium downstream from the occluded artery becomes ischemic. One retrospective study showed that improved survival was associated with ACE inhibitor therapy in patients with diastolic heart failure.

## Brachial artery blood flow velocity pattern in patients with congestive heart failure: duplex Doppler ultrasonographic assessment

The CDP and flow rate relationship has a clear local minimum Fig.

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