

Przemyslaw Guzik, MD, PhD. A cardiologist working at the Department of Cardiology-Intensive Therapy, Poznan University of Medical Sciences, Poznan, Poland. His scientific interests are related to cardiology, including cardiac arrhythmias (e.g., atrial fibrillation), electrocardiology, and cardiovascular time series analysis. Together with a physicist Professor Jaroslaw Piskorski, they have described the Heart Rate Asymmetry phenomenon related to unequal input of heart rate accelerations and decelerations to Heart Rate Variability. In clinical practice, he consults patients with cardiovascular diseases, e.g., acute myocardial infarction, heart failure, arrhythmias, or cerebral stroke.

Among his publications are several interdisciplinary papers related to bioengineering, medical physics, and signal analysis.

