• This paper summarizes many important trials which were released in 2014 at the major cardiology meetings.

• The aim of this paper is to serve as an update for the general cardiologist.

• Areas addressed include heart failure, percutaneous coronary intervention, hypertension, anticoagulation, arrhythmias, atherosclerosis and transcatheter aortic valve intervention.

• Selected trials are of relevance to clinical practice or of importance to guide further clinical studies.