

## عنوان مقاله:

Population Attributable Fraction for Cardiovascular Diseases Risk Factors in Selected Countries: A comparative study

## محل انتشار:

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## خلاصه مقاله:

Cardiovascular diseases are the most common cause of death. The prevalence of cardiovascular diseases was reported to be ۳,۵۰۰ per ۱۰۰,۰۰۰. And it is predicted that these numbers will increase in the near future. By removing the main factors responsible for non-communicable diseases, cardiovascular disease can be prevented by ۸۰%. The aim of this study was to compare the population attributable fraction for cardiovascular diseases' risk factors in Iran, USA and Australia. This study was a comparative study and the population consisted of Iran, USA and Spain. The required information was collected from printed and electronic documentations and articles published in reliable databases, in the period ۲۰۰۷-۲۰۱۵. The cardiovascular diseases' Population Attributable Risk or Fraction for blood pressure was calculated to be ۱۱.۳۷%, ۵۴% and ۶۰%, diabetes ۷.۳۲%, ۱۳% and ۱۸%, and high cholesterol ۶.۸۵%, ۱۳% and ۲۰%, for Iran, USA and Spain respectively. Among risk factors, blood pressure was the most relevant factor to cardiovascular disease. The risk factor for high blood pressure had a more population attributable fraction than other physiological factors in the development of cardiovascular disease. Hence, by implementing comprehensive health policies, educating healthy lifestyle, screening and finding related cases as well as conducting health promotion programs, these diseases can be prevented

## کلمات کلیدی:

Population Attributable fraction, risk factors, cardiovascular diseases

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