

Table of contents

Abstract	1
Abbreviations	2
Introduction	3
<i>Silent myocardial infarction</i>	3
Prevalence.....	3
Infarct size.....	4
Predictors	4
Hypertension.....	4
Age	5
Sex.....	5
Family history.....	5
Diabetes mellitus.....	6
Diabetes mellitus.....	7
Cardiovascular disease and diabetes mellitus.....	8
<i>Silent myocardial infarction and diabetes mellitus</i>	8
<i>The challenge in the management of silent myocardial infarction</i>	8
Myocardial Perfusion Single Photon Emission Computed Tomography (MPS).....	9
<i>The importance of diagnosis of silent myocardial infarction</i>	9
Methods	10
Setting and study population	10
Rest/stress MPS protocol and Image Acquisition	11
Image Interpretation.....	11
Statistic analysis.....	12
Baseline Characteristics.....	12
Detection of silent myocardial infarction	13
Derivation cohort.....	13
Validation cohort	13
Diabetic population with silent myocardial infarction	14
Significant predictors of myocardial infarction.....	14
Study Limitations	16
Conclusion	16
References.....	22