

Zodda et al.

Reporting Checklist

Biospecimen reporting for improved study quality (BRISQ) (Moore HM et al., DOI: 10.1002/cncy.20147)

Biospecimen type

Blood vessels

Anatomical site

Coronary arteries

Disease status of patients

Cardiovascular disease

Clinical characteristics of patients

Acute myocardial infarction patients

Vital State of patients

Alive

Clinical diagnosis of patients

Acute myocardial infarction

Pathology diagnosis

Acute myocardial infarction

Collection mechanism

Coronary artery catheterization

Type of stabilization

Heparin

Type of long-term preservation

Ex vivo culture

Constitution of preservative

Complete endothelial culture medium (cell culture) and CECM+10% dimethyl sulfoxide (cryopreservation at -80 °C)

Storage temperature

37 °C (cell culture), -80 °C or liquid nitrogen (cryopreserved samples).

Storage duration

In culture: 72 h. Cryopreserved (liquid nitrogen): indefinite.

Shipping temperature

-170 °C

Composition assessment & selection

100% endothelial cells