

Super High-pressure Balloon Versus Intravascular Lithotripsy to Prepare Severely Calcified Coronary Lesions

NCT07093788

Status	RECRUITING
Phase	Not Applicable
Sponsor	Nanjing First Hospital, Nanjing Medical University
Enrollment	78 participants

Key Eligibility Criteria

Inclusion (9)

- Age \geq 18 years and \leq 80 years
 - Presented as asymptomatic angina, stable angina, unstable angina, prior myocardial infarction (MI), or non-ST-elevation myocardial infarction (NSTEMI).
 - Have an indication for drug-eluting stent (DES) implantation
 - De novo coronary artery calcified lesions
 - Target lesion diameter stenosis \geq 70%, or target lesion diameter stenosis between \geq 50% and \leq 70%, accompanied by evidence of myocardial ischemia (such as fractional flow reserve (FFR) \leq 0.80 or minimal lumen area (MLA) \leq 4.0 mm²).
- ... and 4 more (see full listing online)

Exclusion (8)

- Presented as acute ST-segment elevation myocardial infarction (STEMI), cardiogenic shock and multiple organ failure
 - Presented as severe contrast agent allergy
 - Intolerant to dual antiplatelet therapy (DAPT) and/or anticoagulation therapy
 - Presented as active phase of autoimmune disease
 - Calcified nodules or eccentric calcification lesions
- ... and 3 more (see full listing online)

Locations (3 total)

Lianyungang First People's Hospital, Lianyungang, Jiangsu, China
Nanjing First Hospital, Nanjing, Jiangsu, China
Yixing People's Hospital, Yixing, Jiangsu, China