

# Comparison of DK crush vs. Culotte stenting for unprotected distal left main bifurcation lesions: DKCRUSH-III

**History:** Both double kissing (DK) crush and Culotte stenting techniques have been shown to be effective for treatment of coronary bifurcation lesions.

**Question to answer:** What are the differences in major adverse cardiac events (MACE) in patients with unprotected distal left main bifurcation lesions treated with DK crush versus Culotte stenting?

<b>Trial Design</b>	Multicenter, randomized, prospective study; N= 419 Randomization: DK crush (N=210) or Culotte (N=209) treatment groups		
<b>Primary Endpoint</b>	MACE at one year post treatment, included cardiac death, myocardial infarction, and target-vessel revascularization		
<b>Trial Results</b>	DK crush Group 6.2% MACE rate at 1 year	Culotte Group 16.3% MACE rate at 1 year	P<0.05

**Take Away:** Patients treated with the DK crush stenting technique experienced significantly fewer MACE as compared to patients treated with Culotte stenting.