

# The German Off-Pump Coronary Artery Bypass Grafting in Elderly Patients (GOPCABE) Study

**Purpose:** Comparison of two operative techniques (on-pump vs. off-pump) of coronary revascularisation of the best treatment concept for patients older or 75 years old.

**Primary Endpoints:** Combined outcome for all cause mortality, myocardial infarction (MI), stroke, or renal failure at one month and 1-year follow-up; and any revascularization at 1 month and 2.5 years .

**Secondary Endpoints:** Post-op blood transfusion, time on ventilation and length of stay in intensive-care unit.

**Conclusion:** On-pump and off-pump CABG showed no difference when it came to the composite outcome of death, stroke, myocardial infarction, repeat revascularization, and new renal replacement therapy within 30 days after surgery and 12 months after surgery.

## *On-Pump Vs. Off-Pump Select Results*

	<u>On-Pump</u> %	<u>Off-Pump</u> %	<u>P-value</u>
<b>Stroke (30d)</b>	2.7	2.2	0.47
<b>Renal failure (30d)</b>	3.1	2.4	0.36
<b>Composite outcome (30 days)</b>	8.2	7.8	0.74
<b>(12 mos)</b>	14	13	0.483