

Obese patients have a higher risk of infection after coronary intervention surgery

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Accordingly, this study was conducted by University of Alberta researchers, Department of Rehabilitation.

The researchers analyzed medical data from 56,722 patients to examine the association between body mass index (BMI) and different outcomes after coronary artery bypass surgery and coronary intervention (PCI), also called coronary angioplasty.

Researcher Tasuku Terada, who recently presented a series of studies at the Australian Summit, said: *"Compared to patients with normal BMI, we found that patients with BMI greater than 30 have the risk of infection after coronary artery bypass surgery increased 1.9 times"*.

He added: *"This study provides more understanding and is really needed to improve clinical outcomes for obese patients and heart disease during surgery"*.

In addition, another study in the series published in the Canadian Heart Journal found that 88% of those who had coronary intervention surgery (PCI) were also classified as obese while only 55% of patients with CABG are obese.

PCI is a surgical procedure to expand narrow arteries in the heart due to plaque formation. The doctor places a small bio-stent stick to keep the artery open and helps prevent the narrowing of the arteries.



Terada notes that the risk of infection after CABG surgery may explain why obese patients are more likely to develop PCI.

Knowing the risks and potentials in this surgery will help healthcare providers, hospitals, and patients choose the appropriate alternative, supportive, safe, economical treatments. more effective.

Obesity expert Mary Forhan believes that further research on this issue will help researchers develop tools to help reduce the risk of infection and ensure that obese patients are cared for properly. all.

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