

Acute Kidney Injury (AKI) in cardiac surgery

A sudden deterioration of renal function that can result in complete kidney failure.

Drug candidate
Naked siRNA



Causes

Postoperative complications from cardiac surgery, such as reduced blood flow to the kidney.^{1,2,4}



Prevalence^{1,3}

30%

Of patients undergoing cardiac surgery



Advantages

Our approach is a prophylactic one, aiming to prevent the development of AKI in high-risk patients rather than treat the condition once it has developed.



For more information please click here:
http://quarkpharma.com/?page_id=21

¹ The Respiratory, renal, and hepatic systems: Effects of cardiac surgery and cardiopulmonary bypass., Ramsey, J. Cardiopulmonary Bypass, 1995

² Preoperative renal risk stratification. Chertow et al. Circulation, 1997

³ Cardiac Surgery-Associated Acute Kidney Injury. Mao et al. Cardiorenal Med, 2013

⁴ Acute Kidney Injury Associated with Cardiac Surgery. Rosner and Okusa. Clinical journal of the American Society of Nephrology, 2006