Renal Protection In High Risk Patients: The Role of Fenoldopam

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Citation

Abstract
Figure 5

Perioperative Renal Protection Strategies

- Maintaining adequate renal O\textsubscript{2} delivery
- Suppression of vasoconstriction
- Renovascular dilation
- Maintaining tubular flow
- Decreasing O\textsubscript{2} consumption
- Attenuating reperfusion injury

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Figure 7

Preoperative Renal Risk Factors

- Pre-existing renal insufficiency
- Type I diabetes
- Major vascular surgery
- Prolonged CPB (>3hrs)
- Previous myocardial revascularization
- Age
- Drugs (radio-contrast dye)

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Figure 8

Fenoldopam in High Risk CABG

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Figure 9

Perioperative Renal Dysfunction Summary

- Significance
  - Impact on M & M
- Intervventional Strategies
  - Identify risk factors
  - Implement intervention
- Outcome

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References

(image:9)

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