

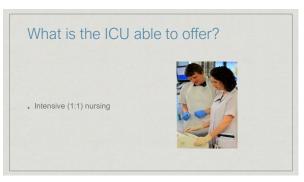
Overview

- Common intersections of cardiology & ICU
- . What can the ICU provide (& what we can't)
- . Example of post-cardiac surgery care





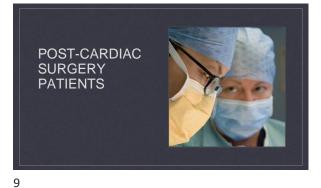


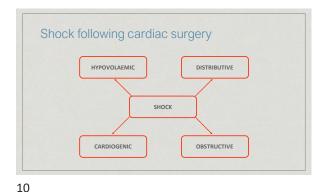


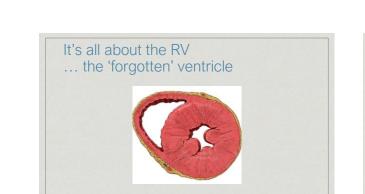


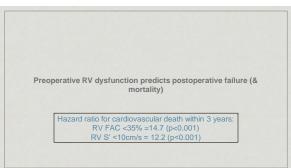
So which patients should come to the ICU?

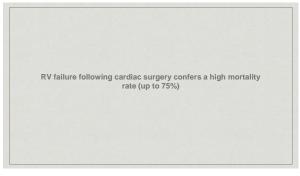
- . Those who in need of organ support or intensive monitoring/nursing
- . Take into account functional capacity/frailty; disease trajectory and patient's wishes
- . Reversibility

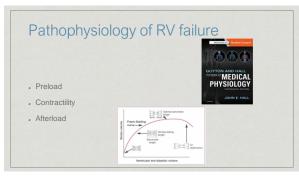


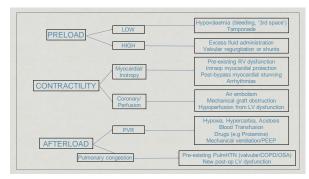




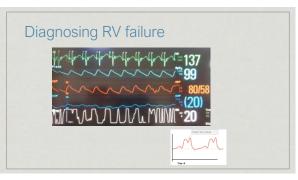






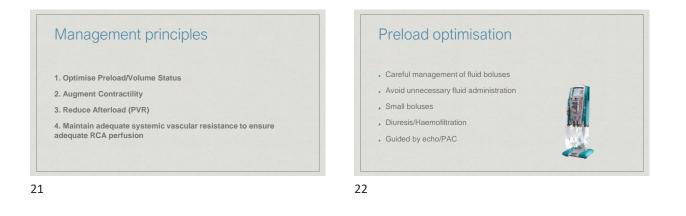






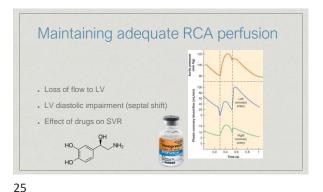














KEY POINTS IN MANAGING POST-OP RV FAILURE

- Acute RV failure is a common mode of death following cardiac surgery, and a difficult syndrome to manage
- · Cautious fluid management essential, guided by echo/haemodynamic monitoring
- , Essential to defend aortic root pressure to prevent developing RV ischaemia
- Pulmonary vasodilators to reduce RV afterload
- Mechanical circulatory support may be an option
- . Identifying the 'at risk' RV preoperatively very useful

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SUMMARY

- More & more interactions between cardiology & intensive care
- Limited resource appropriate patient selection is key
- Example of critical care management of a cardiology patient

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References

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