

## 24-7 Coverage in the Cardiac Surgery Intensive Care Unit:

*A Heterogeneous but Effective Approach to  
Staffing and Patient Care*

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Man is fallible, but maybe men are less so.  
-Atul Gawande

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## Our Provider Team




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## Cardiac Surgery Intensive Care Unit

- **21 Total Beds:**
  - 17 "Regular" CSICU Beds
  - 4 "Fast Track Beds" (2 Doubles)
- **Case Mix:**
  - CABG (TECABG), Valves, AV Bypass
  - Heart / Lung Transplants
  - Ventricular Assist Devices
  - ECMO (VA and AV)

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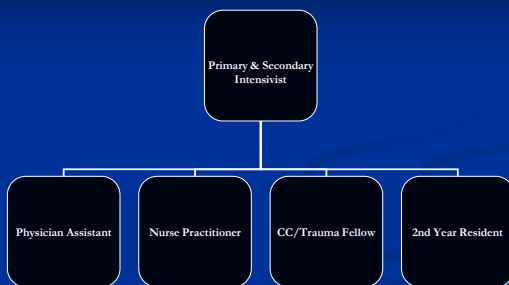
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## Day Time Staffing Model (Monday – Friday)




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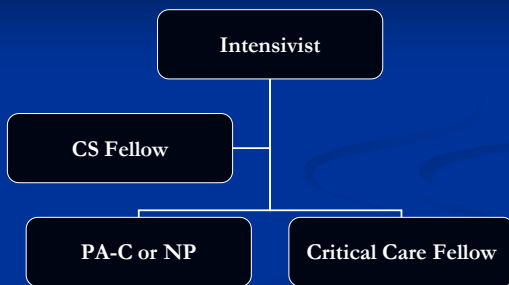
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## Day Time Staffing Model (Saturday and Sunday)




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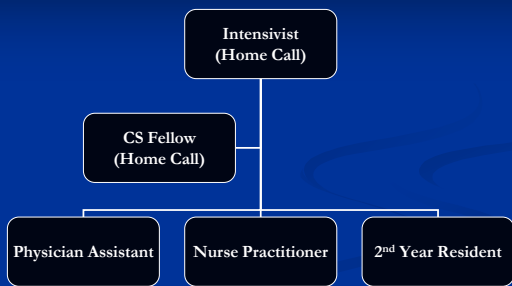
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## Night Shift Staffing Model (7 Days Per Week)




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## Pro's and Con's

- May bring additional skill sets with them
- Have rotated on other services (well connected)
- Can work up to 80 hours in a week (cost effective)
- Future benefits as they move on
- Their stay is usually just a few weeks
- May not be as vested as the permanent staff
- May not receive the same amount of trust and respect from the team as compared to the stable staff

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## Overall Why Does This Model Work?




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To succeed as a team is to hold all of the members accountable for their expertise.  
*-Mitchell Caplan*

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## References

- Gawande, A. (2009). *The checklist manifesto: how to get things right*. New York: Picador.
- Martin, L. (2009). *The business devotional*. New York: Sterling Publishing Company.
- Resnick, A., Todd, B., Mullen, J., & Morris, J. (2006). How do surgical residents and non-physician practitioners play together in the sandbox? *Current Surgery*, 63(2), 156-164.

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