

Changing The Outcome Together: First Year Experience with a Pediatric Collaborative Hybrid Operating Room

Alejandra M. Casar Berazaluze, MD; Nicole A. Hilvert, RT(R)(VI); John M. Racadio, MD; Daniel von Allmen, MD.

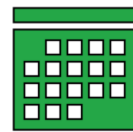
*Cincinnati Children's Hospital Medical Center, Cincinnati, OH.

BACKGROUND

- **Hybrid Operating Rooms (HOR)** are an emerging resource for multispecialty collaboration, improved surgical navigation, and enhanced patient safety profiles tailored for streamlined and efficient workflows with time and long-term cost savings.



RESULTS



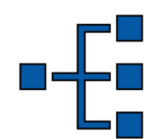
Used 124 days
49% working days
34% calendar days



539 hours
8hrs/253 workdays
27% utilization



2 (1-5)
cases per day with
a mean duration of
4hr (1-13)



213 procedures in
86 hybrid cases =
3 procedures
per case (1-6)

CONCLUSIONS

- **Multiple procedures** can be performed in a **single anesthetic event**.
- Fosters **multispecialty collaboration**.
- Image guidance = **safer surgery**.
- **Mixed practice use** doubled room utilization rate.
- Stronger **business case** during early adoption.



METHODS

- **Retrospective review** of all cases performed in our pediatric collaborative hybrid suite between **February 2018 and 2019**.

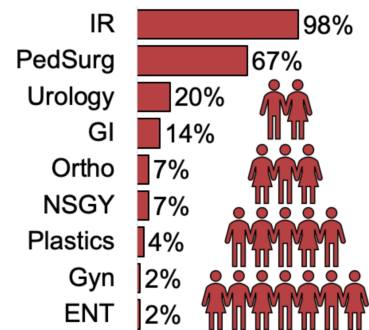
- There were a total of 186 cases.

- 45% Hybrid Cases (n=84)
- 22% OR Overflow (n=41)
- 22% C-arm Only (n=41)
- 11% IR Overflow (n=20)



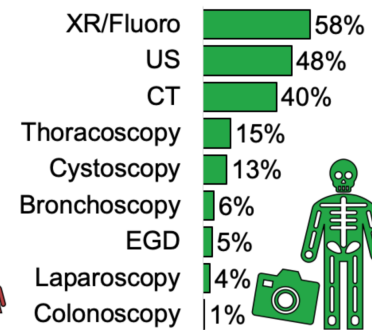
Multispecialty Collaboration:

2+ = 98%, 3+ = 25%



Imaging Modalities:

2+ = 69%, 3+ = 20%



CONTACT INFORMATION

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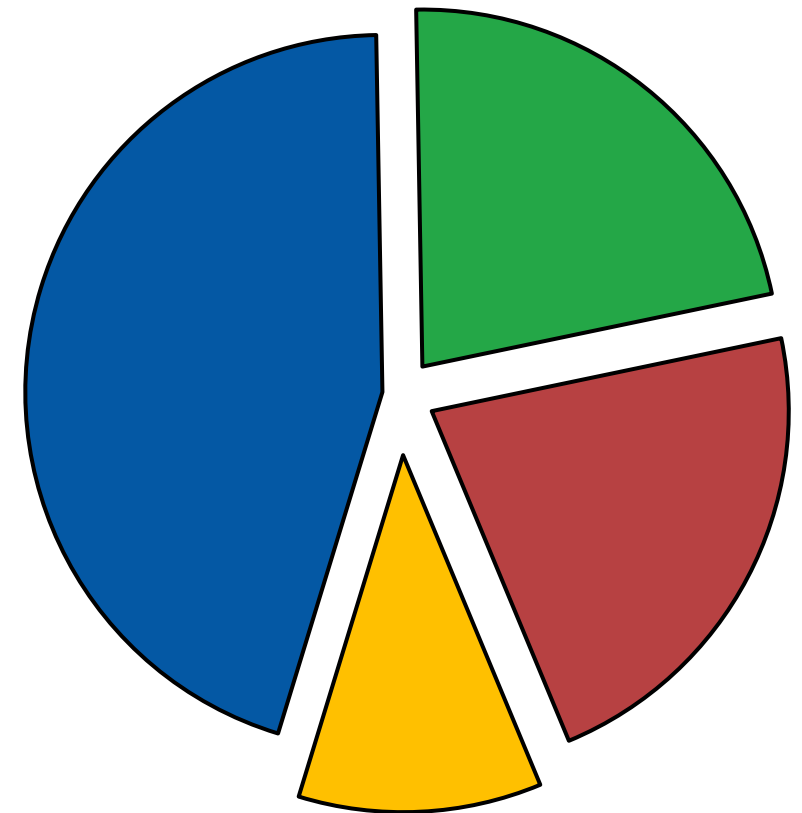
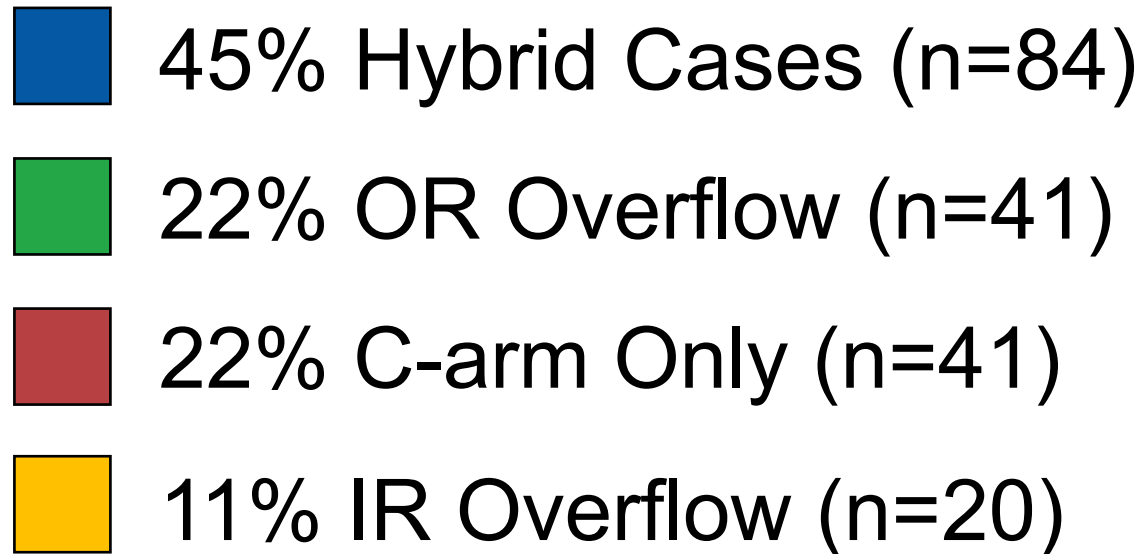
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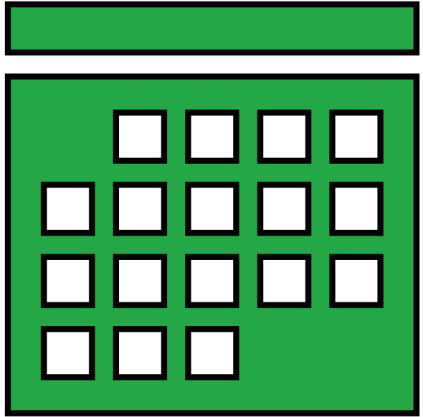


METHODS

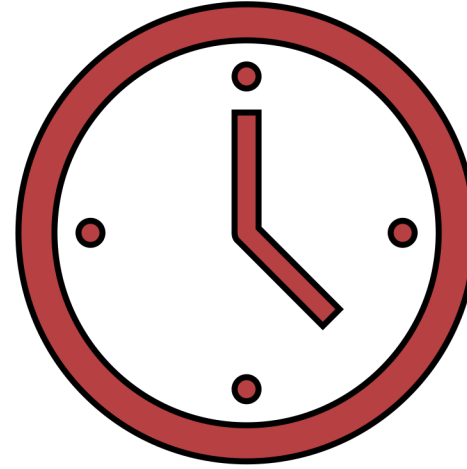
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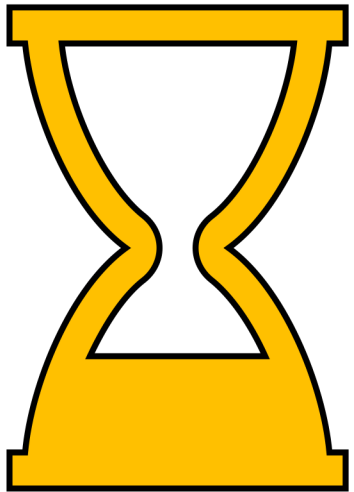
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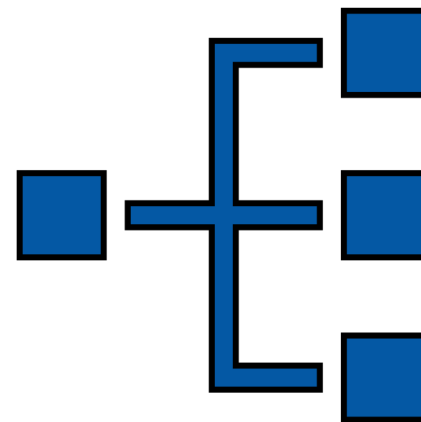
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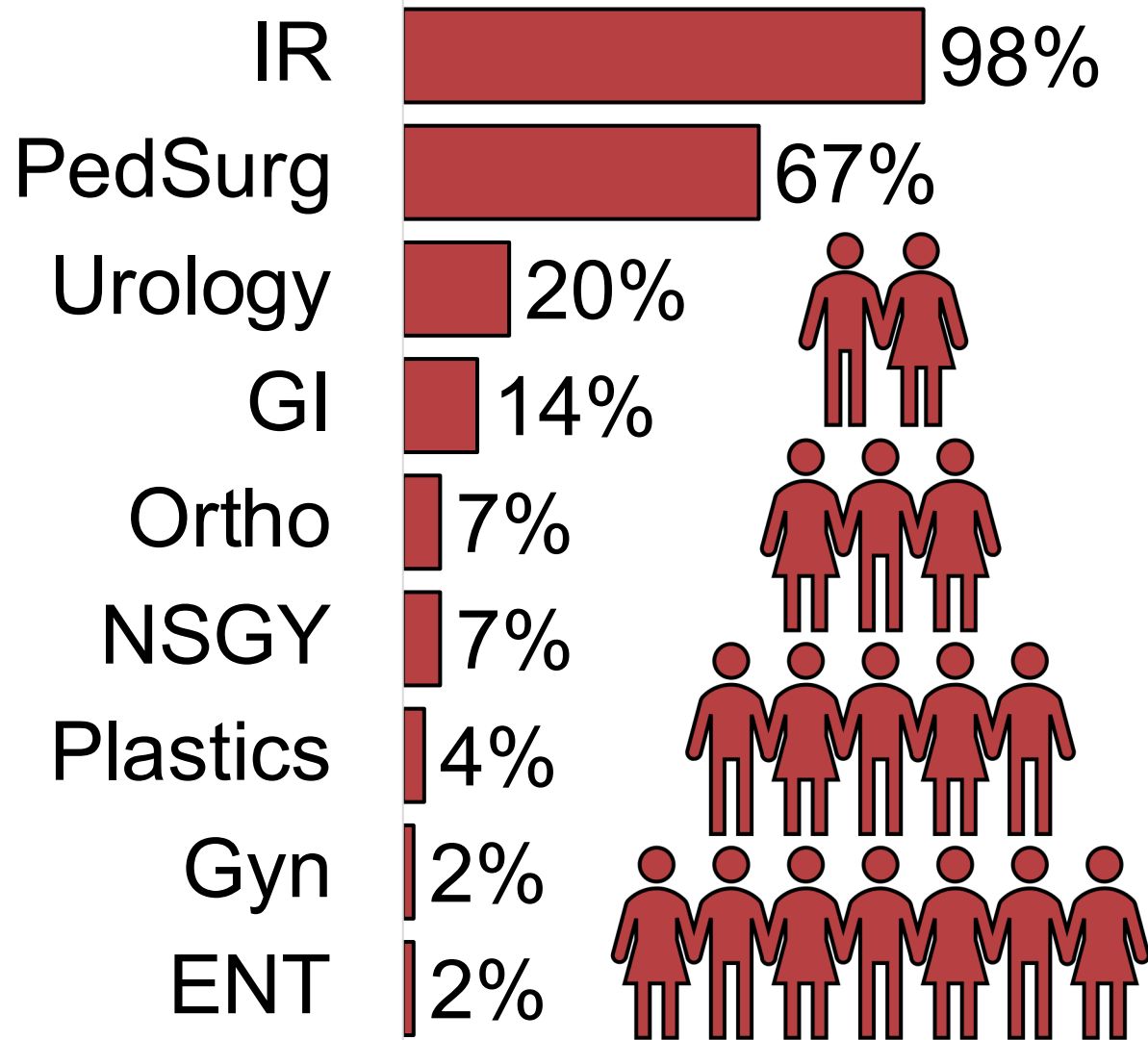
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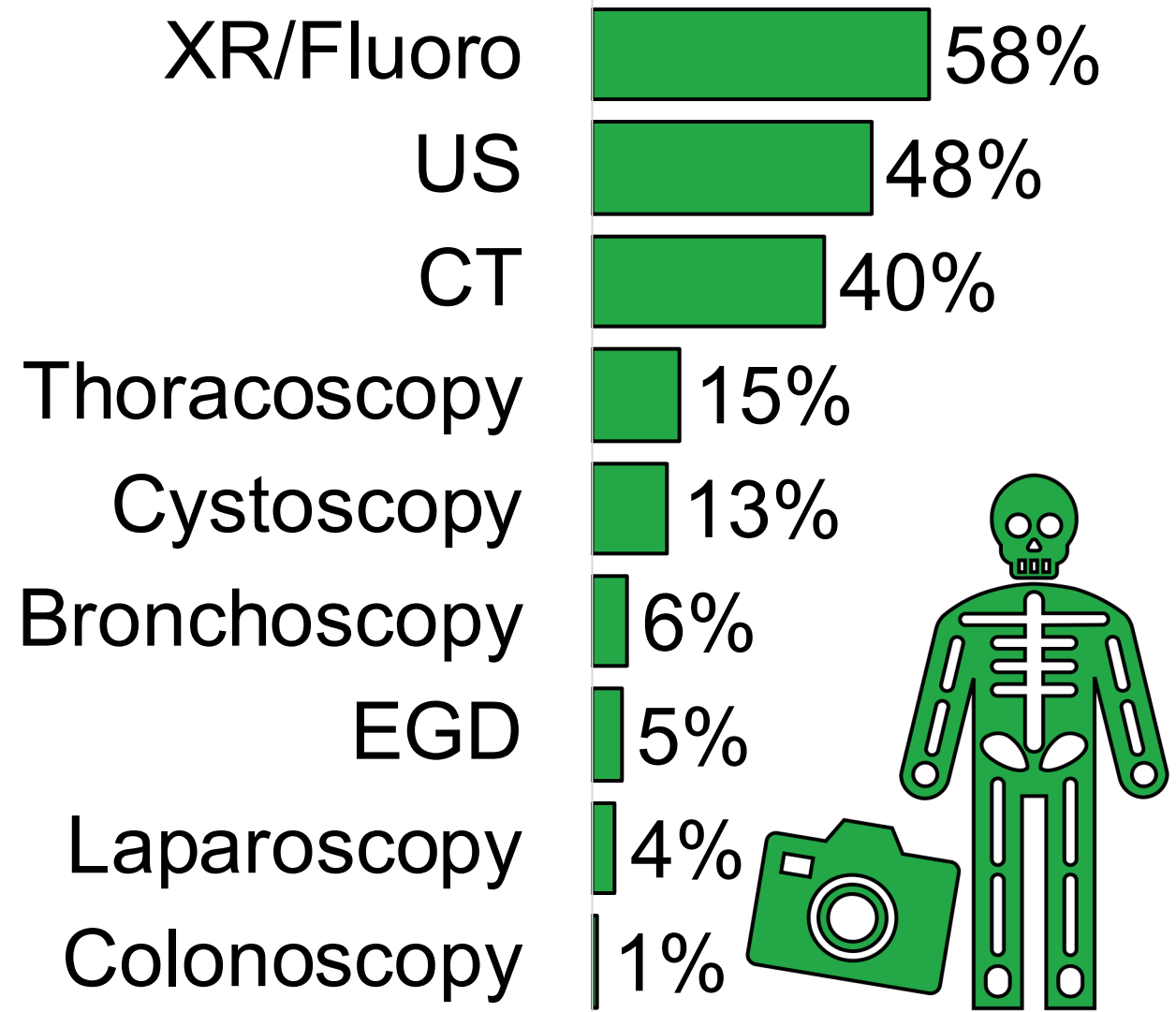
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