

RAMPED UP: The Development and Testing of An Interprofessional Collaboration Model

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BACKGROUND

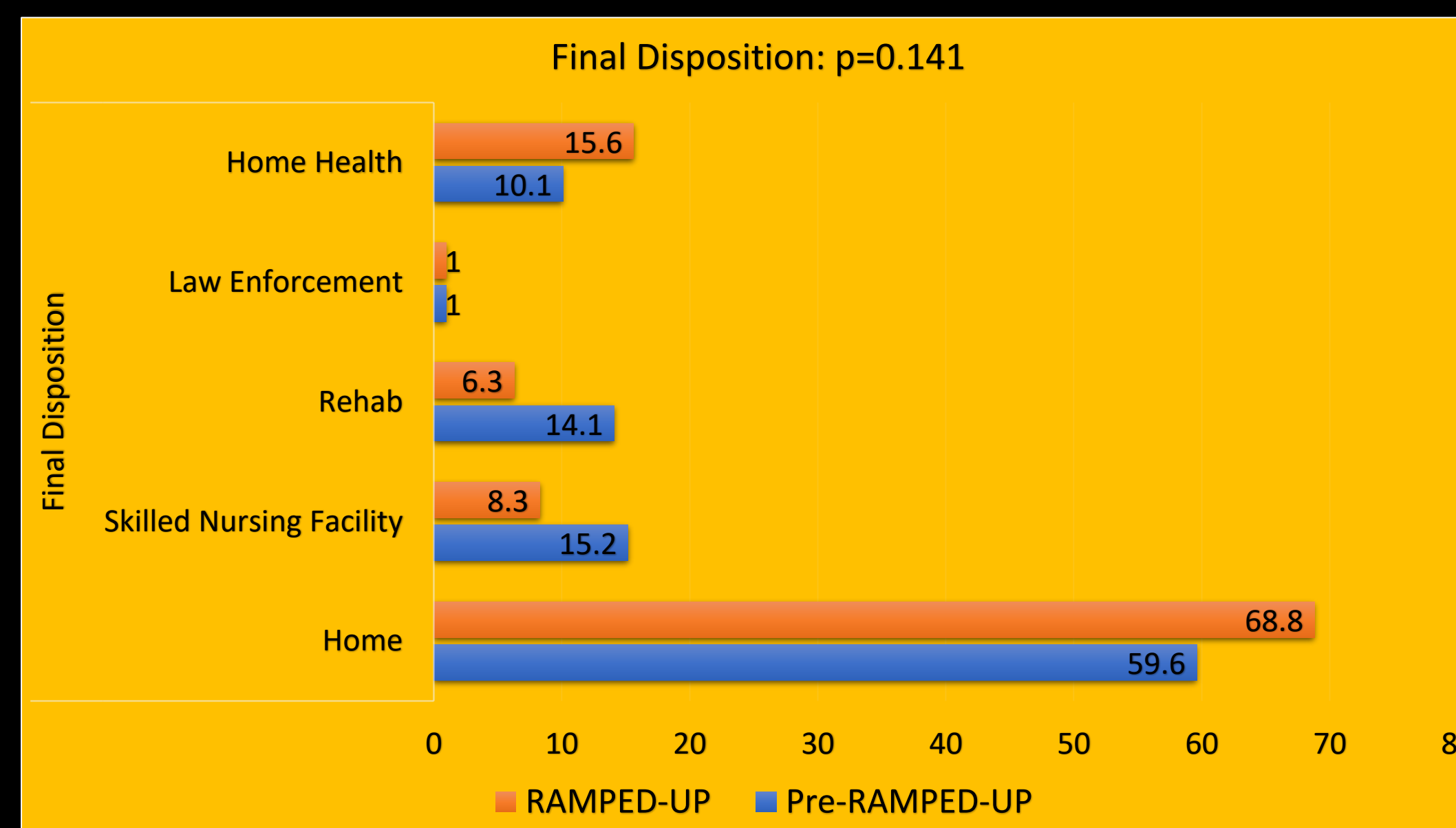
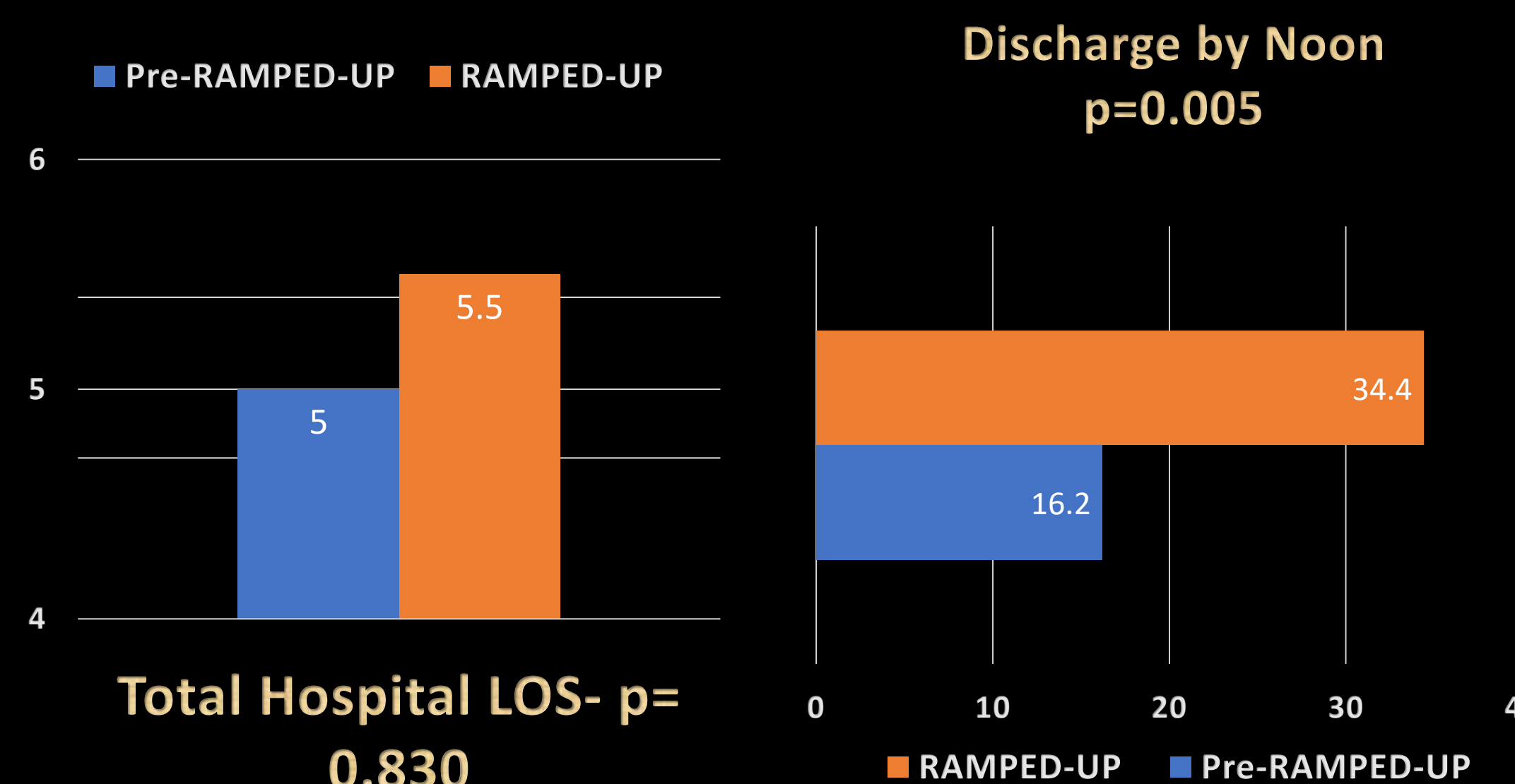
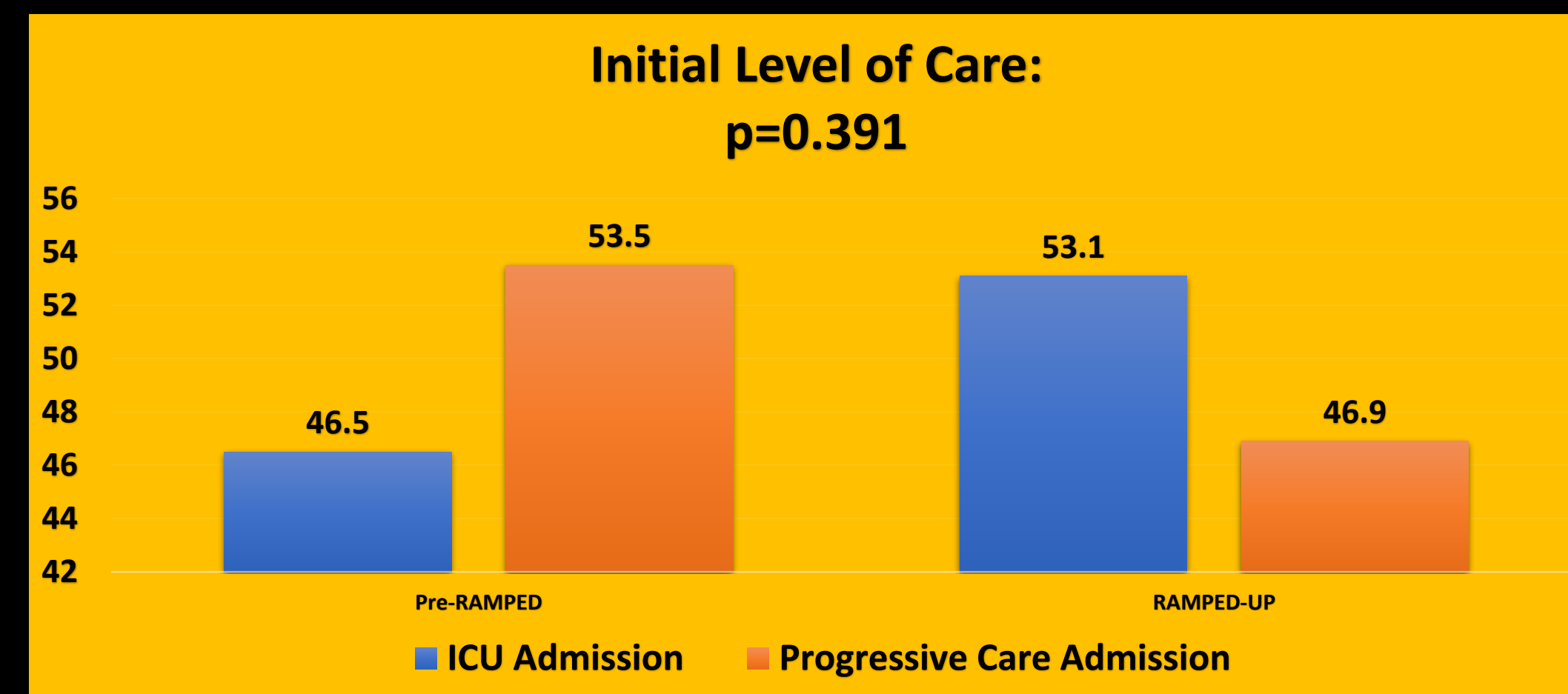
- ❖ IPC is an essential component of care delivery needed to achieve optimal patient and system level outcomes.
- ❖ The purpose of this project was to measure the impact of a structured IPC model, RAMPED-UP, on hospital LOS in a surgical trauma population.
- ❖ The RAMPED-UP model has 3 components: daily structured IPC rounds, consistent use of an IPC instrument, and documentation on and access to the instrument by the team.

METHODS

- ❖ A prospective cohort with a historical comparison group, conducted in Level 1 trauma center, in a progressive care unit
- ❖ Pre-RAMPED-UP group: Trauma patients admitted from October to December 2016 (n=98).
- ❖ RAMPED-UP group received the IPC model and constituted trauma patients admitted from October to December 2017 (n=96).

RESULTS

- ❖ The two groups were similar in demographics, predominantly single, male, with an average age range of 40-45 years.
- ❖ Hospital LOS was not statistically significant between groups.
- ❖ The median RAMPED-UP LOS=3 days.
- ❖ RAMPED-UP group were more likely to be discharged home with higher discharge-by-noon (DBN) rates by 18.2% (p=0.005).



RESULTS

- ❖ Statistically significant correlation was found between I/S values and hospital LOS and RAMPED-UP LOS in the RAMPED-UP group, (95% CI: rs -0.301, p=0.008; 95% CI: rs -0.270, p= 0.018)
- ❖ RAMPED-UP LOS= median 3 days

Respiratory	Respiratory
IS: _____ml	IS: _____ml
O ₂ : _____	O ₂ : _____
RT Consult needed? Y/N	RT Consult needed? Y/N
Activity	Activity
Consult needed?	Consult needed?
PT Y / N	PT Y / N
OT Y / N	OT Y / N
Mobility	Mobility
Medications	Medications
Reconciliation: Y / N	Reconciliation: Y / N
Pain Controlled: Y / N	Pain Controlled: Y / N
Trauma Psychologist/ Palliative /Sub. Abuse Consult needed for:	Trauma Psychologist/ Palliative /Sub. Abuse Consult needed for:
Enteral Feeding / Diet	Enteral Feeding / Diet
N/V	N/V
Bowel regimen	Bowel regimen
Discharge Disposition	Discharge Disposition
Est. D/C date:	Est. D/C date:
Discharge with DVT proph? Y / N	Discharge with DVT proph? Y / N
Dischg Scripts? Barriers/concerns for discharge	Dischg Scripts? Barriers/concerns for discharge
Updates	Updates
Questions from Pt or family	Questions from Pt or family
Prophylaxis / Prevention	Prophylaxis / Prevention
DVT GI (PPI)	DVT GI (PPI)
Foley Drains	Foley Drains
IV	IV
Skin/Wound	Skin/Wound
ICU Order clean-up needed? Y / N	ICU Order clean-up needed? Y / N

CONCLUSION

- ❖ RAMPED-UP model did not decrease overall hospital LOS.
- ❖ The model did significantly improve DBN.
- ❖ The use of a structured IPC model supports the evidence that patient outcomes can be improved with a structured process that includes essential members of the IPC team, patient and family.