Introduction

• Efforts to understand treatment of patients with COVID-19 during hospitalization to date has focused on medical care
• Less is known about nursing care that along with medical care may lead to improved outcomes for patients COVID-19
• Standardized nursing terminology may clarify nursing’s contribution to patient outcomes
• In order to obtain nursing documentation data, relevant flowsheet rows names and numbers must be identified

Methods

We used iterative mapping process:
1. Nursing Intervention Classification (NIC) terms available in EHR plan of care (N=157)
2. **Excluded** NICs not relevant to medical-surgical nursing care (N=9).
3. **Added** NIC Expert Consensus Team’s NIC terms relevant to care of patients with COVID-19 not available in plan of care (Swanson, 2020).
4. Mapped NIC terms to flowsheet rows

Setting & System

One midwestern university based tertiary care system’s hospital using EPIC EHR.

Preliminary Results

• 91 NICs included for the care of covid med surgical patients.
• 9 NICs mapped to 0 flowsheet rows (e.g., Active Listening, Teaching Disease Process)
• 11 NICs Mapped to 1 flowsheet row
• 71 NICs mapped to >1 flowsheet rows

Conclusion

• Our results show that it is feasible to map nursing care captured in flowsheets to activities within NIC.
• Like others, (Brown, Bastarache and Weiner, 2021) we found mapping EHR flowsheet rows requires local expertise of the EHR build.

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References

