

Outcomes associated with the creation of an inpatient pharmacy-led outpatient parenteral antimicrobial therapy (OPAT) service to facilitate transitions of care Kyle Manning, PharmD; Laura Certain, MD, PhD; Karen Fong, PharmD, BCIDP; Brandon Tritle, PharmD, BCIDP; Mike Newman, MS;



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PRIMARY OUTCOME

• Hospital length of stay (LOS) in days

SECONDARY OUTCOMES

- All-cause mortality or hospital readmission up to 30 days after hospital discharge
- % of patients who had laboratory parameters checked within 10 days of discharge
- ID Clinic appointment no show visits within 60 days of discharge
- Time from OPAT Note documentation to discharge

IRFSULTS

Characteristic	Total (n = 350)	Pharmacist (n = 75)	Provider (n = 275)
Age, mean (SD)	56 (15)	57 (16)	56 (15)
Male sex, n (%)	206 (59)	38 (51)	168 (61)
White race, n (%)	276 (79)	60 (80)	216 (79)
Hispanic ethnicity, n (%)	39 (11)	7 (9)	32 (12)
Charlson comorbidity index, median (IQR)	3 (1-5)	3 (0-5)	3 (1-6)
Discharged to Home Health, n (%)	219 (63)	44 (59)	175 (64)
Intervention phase, n (%)			
Baseline	148 (42)	0 (0)	148 (54)
Team 1 Pilot	122 (35)	47 (63)	75 (27)
Team 2 Pilot	80 (23)	28 (37)	52 (19)
OPAT Antimicrobial, n (%)	, <i>i</i>		
Beta-lactam	273 (78)	63 (84)	210 (76)
Vancomycin	105 (30)	20 (27)	85 (31)
Primary hospital service, n (%)	<u>_</u>		
Internal medicine	205 (59)	45 (60)	160 (58)
Orthopaedics	59 (17)	15 (20)	44 (16)
Cardiology/Cardiothoracic Surgery	27 (8)	3 (4)	24 (9)
Other	59 (17)	12 (16)	47 (17)





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