

PHARMACIST-LED MONITORING FOR PATIENTS INITIATING PARP INHIBITOR THERAPY

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CONCLUSIONS

- Patients receiving pharmacist-led monitoring had fewer and shorter dose interruptions during the first 90 days of poly (ADP-ribose) polymerase inhibitors (PARPi) therapy
- Fewer hospitalizations occurred during the first 90 days of PARPi therapy in patients receiving pharmacist-led monitoring

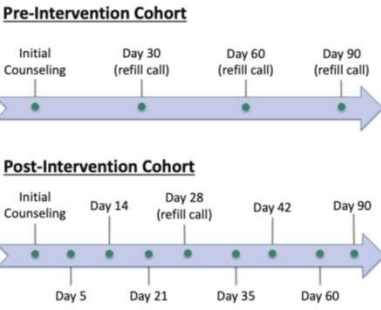
PURPOSE

To evaluate the impact of pharmacist-led tailored monitoring on medication interruptions, dose reductions, discontinuations, and ER visits/hospitalizations over the first 90 days of treatment in patients initiating PARP inhibitor therapy.

METHODS



FIGURE 1. MONITORING SCHEDULE*



*Refill calls were completed by the pharmacy technician. All other monitoring was completed by the pharmacist.

FIGURE 2. MONITORING TOPICS



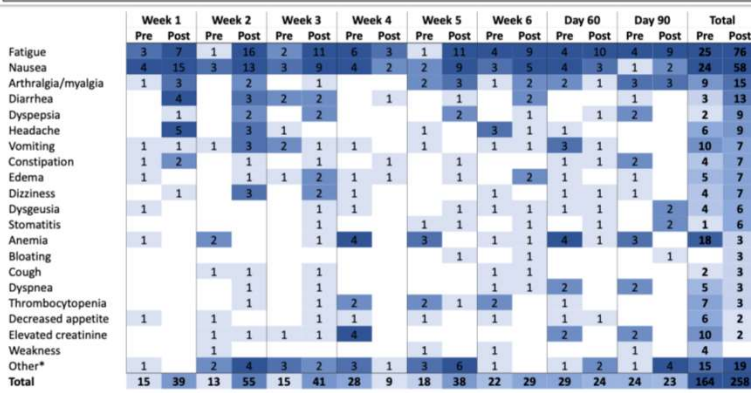
RESULTS

TABLE 1. COHORT CHARACTERISTICS

	Pre-intervention, n (%) n=28	Post-intervention, n (%) n=29
Age, years-median (IQR)	62 (53-72)	63 (56-69)
Gender, female	27 (96)	26 (90)
Race		
White	23 (82)	26 (90)
Black	4 (14)	2 (7)
Other	1 (4)	1 (3)
Disease duration, years-median (IQR)	1.8 (1.4-3.6)	1.1 (0.6-3.3)
Cancer type		
Ovarian*	23 (82)	20 (69)
Breast	3 (11)	6 (21)
Prostate	1 (4)	1 (3)
Pancreatic	1 (4)	2 (7)
PARP inhibitor		
olaparib	25 (89)	26 (90)
niraparib	0 (0)	3 (10)
rucaparib	2 (7)	0 (0)
talazoparib	1 (4)	0 (0)

* Ovarian included ovarian, fallopian tube, or primary peritoneal

FIGURE 3. ADVERSE EVENTS



*Other AE were reported <3 times in both cohorts

TABLE 2. PHARMACIST INTERVENTIONS (PIs)

	Total PIs Performed, n (%) (n=181)	Patients Receiving PI, n (%) (n=28)
Patient education*	123 (68)	27 (93)
Supportive therapy	29 (16)	18 (62)
Care coordination	8 (4)	7 (24)
Dose reduction	7 (4)	7 (24)
Lab monitoring	6 (3)	5 (17)
Treatment interruption	6 (3)	5 (16)
Contact manufacturer	1 (1)	1 (3)
ER/hospitalization	1 (1)	1 (3)

*Patient education included active listening, review/optimization of therapies, review of side effect management, counseling on new dosing, financial counseling, and drug interaction screening

FIGURE 4. SUMMARY OF THERAPY CHANGES, HOSPITALIZATIONS, and ER VISITS

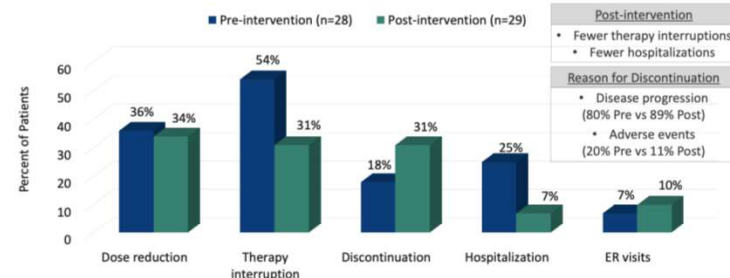


FIGURE 5. MEDIAN LENGTH (DAYS) of TREATMENT INTERRUPTIONS



FIGURE 6. PERCENT OF PATIENTS MAINTAINING THERAPY IN THE FIRST 90 DAYS OF TREATMENT

