

Supplementary Materials for Chemotherapy Toxicity in Older Adults Optimized by Geriatric Assessment and Intervention: A Non-Comparative Analysis

Supplementary Table S1: Geriatric Assessments and interventions

Domain	Assessment	Interventions
Cognition	Mini-Cog +/- MOCA Collateral	TFT; B12; Folate; HbA1C Memory Clinic
Mood	Geriatric Depression Scale	Cancer Support House General Practitioner Liaison Psychiatry Psychiatry of Old Age
Functional Status	Katz ADL Lawton IADL	Physiotherapy Occupational therapy
Mobility	Falls Timed Up and Go	Physiotherapy Occupational therapy
Social Support	Medical Outcomes Study (MOS) Social Support Survey	Medical social worker Cancer Support House Irish Cancer Society Social Prescribing
Nutrition	Mini Nutritional Assessment Body mass index	Dietician
Polypharmacy	History General Practitioner Community Pharmacy	Pharmacist assessment: Full drug reconciliation Interaction check Deprescribing

Abbreviations: MOCA: Montreal Cognitive Assessment; (I)ADL: (instrumental) activities of daily living.

Supplementary Table S2. Toxicity subgroups and CGA deficits.

Toxicities	Subsequent Dose Reduction (n = 26)	Dose Delay (n = 52)	Discontinuation Due to Toxicity (n = 39)	Hospitalisation Due to Toxicity (n = 34)
CGA Variables	n (%)	n (%)	n (%)	n (%)
Timed Up and Go				
Mean (seconds)	11.15	12.35	11.76	12.88
Median (range)	11 (8–17.1)	11.09 (8–31.6)	11.43 (8–18.06)	11.54 (8–31.6)
Falls in the last 6 months				
Yes	4 (15)	5 (10)	4 (10)	5 (15)
No	22 (85)	47 (90)	35 (90)	29 (85)
Concomitant meds				
Mean	6.14	5.96	5.89	5.9
Median (range)	6 (1–14)	6 (0–16)	6 (1–11)	6 (1–13)
Mini Nutritional Assessment				
0–7				
8–11	9 (35)	17 (33)	13 (33)	12 (35)
12–14	10 (38)	26 (50)	18 (46)	17 (50)
	7 (27)	9 (17)	8 (21)	5 (15)
Body mass index				
Mean	27.29	26.89	25.54	25.04
Median (range)	26.72 (15.43–36.16)	25.97 (15.43–39.25)	25.66 (15.43–39.25)	25.21 (15.43–34.14)
Geriatric depression scale				
≤5	21 (81)	43(83)	33 (85)	28 (82)
>5	5 (19)	8 (15)	4 (10)	4 (12)
N/A	0 (0)	1 (2)	2 (5)	2 (6)
Katz ADLs				
Mean	5.88	5.78	5.79	5.76
Median (range)	6 (5–6)	6 (3–6)	6 (4–6)	6 (4–6)
Lawton IADLs				
Mean	7.52	7.51	7.5	7.39
Median (range)	8 (5–8)	8 (3–8)	8 (4–8)	8 (4–8)
Charlson Comorbidity Index				
0				
1–2	11(42)	24 (46)	15 (38)	13 (38)
3–4	10(38)	19 (37)	16 (41)	14 (41)
≥5	2(8)	4 (7)	3 (8)	3 (9)
	3(12)	5 (10)	5 (13)	4 (12)
* Cognitive impairment				
Yes	7(27)	15 (29)	12 (31)	10 (29)
No	17(65)	31 (60)	22 (56)	20 (58)
N/A	2(8)	6 (11)	5 (13)	4 (12)
CARG toxicity risk				
Low	2(8)	2 (4)	1 (3)	1 (3)
Medium	8(30)	23 (44)	17 (43)	13 (38)
High	15(58)	24 (46)	20 (51)	19 (56)
N/A	1(4)	3 (6)	1 (3)	1 (3)

N/A = not available; Activities of Daily Living; Instrumental Activities of Daily Living; Cancer and Aging Research Group. *cognitive impairment defined as MOCA <26