

Supplemental Table 7. Intervention characteristics of nonrandomized studies

Patient-focused intervention elements include comprehensive assessment and/or risk screening, patient and/or caregiver education and/or support, intervention (medication, rehabilitation). Provider or systems-focused intervention elements include planned follow-up communication or visit, referral to provider, specialist or community resource, continuity of care/care coordination, and changes to ED environment and/or procedures.

Study	Setting Intervention Target	# of Providers Type of Provider(s) Geriatrics Trained?	Patient-focused Intervention Components ^a	Provider- or System-directed Intervention Components ^a	Key Intervention Components Present	Mode # Planned Contacts
Single-Strategy Interventions						
<i>Discharge Planning</i>						
Arendts, 2012 ¹	Pre-ED discharge Patient	Multiple providers SW, PT Yes	<ul style="list-style-type: none"> • Comprehensive functional assessment • <i>No education/support</i> • <i>No medication review or rehabilitation intervention</i> 	<ul style="list-style-type: none"> • Interdisciplinary team meeting • <i>No follow-up</i> • <i>No referral</i> 	<ul style="list-style-type: none"> • Assessment 	In-person 1
Arendts, 2013 ²	Pre-ED Patient	Multiple providers MD, RN, SW, PT Yes	<ul style="list-style-type: none"> • High-risk screening; comprehensive functional & needs assessment • <i>No education/support</i> • <i>No medication review or rehabilitation intervention</i> 	<ul style="list-style-type: none"> • Referrals made (no details provided) • <i>No follow-up</i> • <i>No continuity of care</i> 	<ul style="list-style-type: none"> • Assessment 	In-person 1
<i>Case Management/Transition of Care</i>						
Pedersen, 2016 ³	Post-ED Patient	Multiple providers MD, RN Yes	<ul style="list-style-type: none"> • Assessment part of routine ED care • <i>No education/support</i> • <i>No medication review or rehabilitation intervention</i> 	<ul style="list-style-type: none"> • Home visit scheduled • Patient-initiated follow-up communication • Referrals to primary care provider, community services • <i>No continuity of care</i> 	<ul style="list-style-type: none"> • Assessment • Referral plus follow-up 	In-person 1

Study	Setting Intervention Target	# of Providers Type of Provider(s) Geriatrics Trained?	Patient-focused Intervention Components ^a	Provider- or System-directed Intervention Components ^a	Key Intervention Components Present	Mode # Planned Contacts
<i>Medication Management</i>						
Mortimer, 2011 ⁴	Pre-ED discharge Patient	Single providers NR Yes	<ul style="list-style-type: none"> • Patient education • Medication review & reconciliation • <i>No assessment/ screening</i> • <i>No rehabilitation intervention</i> 	<ul style="list-style-type: none"> • Referrals to other health services • <i>No follow-up</i> • <i>No continuity of care</i> 	<ul style="list-style-type: none"> • No key intervention components present 	In-person NR
Multi-Strategy Interventions						
<i>Discharge Planning PLUS Case Management/Transition of Care</i>						
Bond, 2014 ⁵	Pre-ED discharge Patient, caregiver	Single provider RN Yes	<ul style="list-style-type: none"> • Assessment performed by ED care coordinator • Caregiver education & support • <i>No medication review or rehabilitation intervention</i> 	<ul style="list-style-type: none"> • Referral to community services • <i>No follow-up</i> • <i>No continuity of care</i> 	<ul style="list-style-type: none"> • Assessment 	In-person NR
Miller, 1996 ⁶	Before and after ED discharge (Bridge) ^b Patient	Multiple providers MD, RN Yes	<ul style="list-style-type: none"> • Caregiver support • <i>No assessment/ screening</i> • <i>No medication review or rehabilitation intervention</i> 	<ul style="list-style-type: none"> • Follow-up communication/visit • Referral to provider, community services • Interdisciplinary team meeting 	<ul style="list-style-type: none"> • Referral plus follow-up • Bridge design 	In-person 1

^a Bolded text indicates intervention components that were present in the study. Italicized text indicates intervention components not present in the study.

^b Bridge setting refers to interventions conducted both before ED discharge and after ED discharge.

Abbreviations: ED=emergency department; NR=not reported; MD=physician; RN=nurse; SW=social worker; PT=physical therapist; OT=occupational therapist

References

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