Supplemental Table 6. Intervention characteristics of randomized studies

Patient-focused intervention components include comprehensive assessment and/or risk screening, patient and/or caregiver education and/or support, intervention (medication, rehabilitation). Provider or systems-focused intervention components 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	Intervention Setting/Timing Intervention Target	# of Providers Type of Provider(s) Geriatrics Trained?	Patient-focused Intervention Components[a]	Provider- or System-focused Intervention Components[a]	Key Intervention Components Present	Mode of Delivery # Planned Contacts
Single-Strategy Interventions						
Case Management/Transition of Care						
Basic, 2005[1]	Pre-ED discharge Patient	Single provider RN Yes	• **Comprehensive assessment** • **Caregiver support** • *No medication review or rehabilitation intervention*	• **Referral to specialists** • **Communication between providers** • *No follow-up*	• Assessment	In-person 1
Caplan, 2004[2]	Before and after ED discharge (Bridge)[b] Patient	Multiple providers MD, RN, PT Yes	• **Semi-structured assessment of function & cognition** • *No education/support* • *No medication review or rehabilitation intervention*	• **Follow-up communication** • **Referrals to specialists, community services** • **Interdisciplinary team meeting**	• Assessment • Referral plus follow-up • Bridge design	In-person 1
Gagnon, 1999[3]	Post-ED Patient	Single provider RN Yes	• **Comprehensive assessment** • *No education/support* • *No medication review or rehabilitation intervention*	• **Follow-up visit scheduled** • **Interdisciplinary team meeting** • *No referrals to specialist*	• Assessment	In-person NR
Runciman, 1996[4]	Post-ED Patient	Multiple providers PT NR	• **Comprehensive in-home assessment** • *No education/support*	• **Referrals to community services** • *No follow-up* • *No continuity of care*	• Assessment	In-person NR

Study	Intervention Setting/Timing Intervention Target	# of Providers Type of Provider(s) Geriatrics Trained?	Patient-focused Intervention Components[a]	Provider- or System-focused Intervention Components[a]	Key Intervention Components Present	Mode of Delivery # Planned Contacts
			• *No medication review or rehabilitation intervention*			
Multi-Strategy Interventions						
Discharge Planning PLUS Case Management/Transition of Care						
Eklund, 2013[5]	Before and after ED discharge (Bridge)[b] Patient	Multiple providers RN Yes	• **Frailty screening & geriatric assessment** • *No education/support* • *No medication review or rehabilitation intervention*	• **Follow-up visit scheduled** • **Interdisciplinary team meeting** • *No referrals*	• Assessment • Referral plus follow-up • Bridge design	In-person, telephone NR
McCusker, 2001[6]	Before and after ED discharge (Bridge)[b] Patient	Multiple providers MD, RN, SW Yes	• **Brief standardized geriatric nursing assessment** • *No education/support* • *No medication review or rehabilitation intervention*	• **Follow-up communication** • **Referral to primary care provider, specialists** • *No continuity of care*	• Assessment • Referral plus follow-up • Bridge design	In-person, telephone NR
Mion, 2003[7]	Before and after ED discharge (Bridge)[b] Patient, caregiver	Multiple providers RN, SW Yes	• **Comprehensive geriatric assessment** • **Caregiver support** • *No medication review or rehabilitation intervention*	• **Follow-up communication** • **Referrals to community services** • **Communication between providers**	• Assessment • Referral plus follow-up • Bridge design	In-person, telephone NR
Case Management/Transition of Care PLUS Medication Management						
Biese, 2014[8]	Post-ED Patient	Single provider RN NR	• **Medication review** • *No assessment/ screening* • *No education/support* • *No rehabilitation intervention*	• **Follow-up visits scheduled** • **Referrals to community services** • *No continuity of care*	• Referral plus follow-up	Telephone NR
Biese, 2017[9]	Post-ED Patient	Single provider RN NR	• **Medication review** • *No assessment screening* • *No education/support*	• **Referrals to community services** • *No follow-up* • *No continuity of care*	• Referral plus follow-up	Telephone 1

Study	Intervention Setting/Timing Intervention Target	# of Providers Type of Provider(s) Geriatrics Trained?	Patient-focused Intervention Components[a]	Provider- or System-focused Intervention Components[a]	Key Intervention Components Present	Mode of Delivery # Planned Contacts
			• *No rehabilitation intervention*			

[a] Bolded text indicates intervention components that were present in the study. Italicized text indicates intervention components were 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.

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