		l on phsyical activity/exer	Duration of intervention	•	•	. •			Ptn	Pt n	FUD domestical	Narrative description of
OUTCOME	Study	Intervention	(total)	Comparison	Setting	Frailty definition	Frail - Pretrail	Pt n (total)	(intervention)	(control)	FUP duration	results M (SD)
Frailty according to a composite index (continuous)	[45] Ng	Multicomponent exercise intervention, moderate, gradually increasing intensity, tailored to participants' individual abilities. Resistance exercises, balance training exercises involving functional strength, sensory input, and added attentional demands Group, supervised by a qualified trainer (for 12 weeks) then alone	12 weeks in classes, followed by 12 weeks of home-based exercises.	Usual care	Community dwelling	Fried (CHS)	Prefrail	98	48	50	1 year	Intervention Pre 2.2 (0.85) 3 m 1.2 (0.75) 6 m 1.3 (0.87) 12 m 1.4 (0.80) Control Pre 1.8 (0.80) 3 m 1.3 (0.85) 6 m 1.4 (1.06) 12 m 1.6 (0.97) Significant difference in change between intervention and control at 3 m, 6 m and 12 m.
Frailty according to a composite index (dichotomous - transition to	[45] Ng	Multicomponent exercise intervention, moderate, gradually increasing intensity, tailored to participants' individual abilities. Resistance exercises, balance training exercises involving functional strength, sensory input, and added attentional demands Group, supervised by a qualified trainer (for 12 weeks) then alone	12 weeks in classes, followed by 12 weeks of home-based exercises.	Usual care	Community dwelling	Fried (CHS)	Prefrail	98	48	50	1 year	Transition to a lower frailty category interv. 41.3% contr: 15.2% Significant OR 4.05 (1.50-10.8)
a less severe frailty category)	[40] Kim Suzuki	Multicomponent exercise intervention, moderate intensity (warm-up, strengthening exercises, balance and gait training, cooldown). Group, supervised (instructor + trainers), delivered at a research institute of gerontology	3 months	Usual care	Community dwelling	Fried	Frail	66 (63)	33 (31)	33 (32)	3 months (+ 4 months of follow up post intervention)	Reversal post intervention interv: 51.5% contr: 30.3% Odds Ratio (95% CI) 2.44 (0.89-6.70) Reversal post 4 m: interv: 39.4% contr: 15.2% OR 3.64 (1.12–11.85)
Short Physical Performance Battery	No study											
	[39] Hars	Multitask exercise program based on Jaques-Dalcroze eurhythmics (walking following the piano music, responding directly or oppositely to changes in music's rhythmic patterns, phrases, form or other aspects) Group, in community centres, supervised by a certified instructor		Usual care (discontinuation of intervent)	Community dwelling	Fried	Prefrail	101 (52)	26 (23)	75 (29)	4 years	mean ± SD (sec) Intervention Pre 9.7 ± 2.2 Post 1 y 9.3 ± 1.9 Post 4 y 10.0 ± 2.0 Control Pre 10.5 ± 2.1 Post 1 y 9.8 ± 1.8 Post 4 y 12.7 ± 3.7 Significant difference in change bewteen intervention and control, from baseline to 4 years and from 1 y to 4 years

Considering the evidence on the impact on Frailty as a whole (regardless of the definition used for the outcome)

Quality of evidence Quality of evidence (GRADE) - Quality of evidence

Prefrail

(GRADE) - Frail

(GRADE) - overall

(even if from 1 to 4 y the performance worsened in both groups).

Time up and Go	[40] Kim Suzuki	Multicomponent exercise intervention, moderate intensity (warm-up, strengthening exercises, balance and gait training, cooldown). Group, supervised (instructor + trainers), delivered at a research institute of gerontology	hs Usual care	Community Fried dwelling Fried	Frail	66 (63)	33 (31)	33 (32)	3 months (+ 4 months of follow up post intervention)	Mean [sec] \pm SD Intervention Pre 9.89 \pm 2.27 Post 7.87 \pm 1.83 Post 4 m 7.04 \pm 1.45 Control Pre 10.44 \pm 3.79 Post 10.00 \pm 4.32 Post 4 m 7.99 \pm 3.79 Significant difference in mean change bewteen preand post-intervention in the intervention compared with the control - No effect at FUP			
	[32] Cadore et al., 2014	Multicomponent exercise intervention (high-speed resistance training, balance, and gait exercises, on muscle strength) 12 week Individual, at the nursing home, supervised by one experienced physical trainer	Usual care ks (mobility exercise)	Institutionalized Fried	Frail	32 (24)	16 (11)	16 (13)	12 weeks	Intervention Pre 19.9±8.0 sec Post 18.8±7.9 sec Control Pre 18.4±5.1 sec Post 21.8±6.3 sec Significant difference in change pre-post between intervention and control			
	[34] Clegg	Strengthening exercises for the muscle groups required for basic mobility skills (exercise manual) Inidvidual, at home, with the support (weekly home visits and teleohone calls) of physiotherapists	ks Usual care	Mixed population (community dewlling people in assisted living conditions)	Frail	84 (70)	45 (40)	39 (30)	12 weeks	Intervention Pre 52.0 (62.4) sec Post 62.4 (77.7) sec Change -10.4 (64.0) sec Control Pre 57.9 (74.1) sec Post 97.0 (116.7) sec Change -39.1 (90.6) sec Diff unadj [mean (95% CI)] 28.7 (-8.2, 65.5) Diff adj [mean (95% CI)]			
	[39] Hars	Multitask exercise program based on Jaques-Dalcroze eurhythmics (walking following the piano music, responding directly or oppositely to changes in music's rhythmic 6 month patterns, phrases, form or other aspects) Group, in community centres, supervised by a certified instructor	Usual care discontint of interver	uation dwalling Fried	Prefrail	101 (52)	26 (23)	75 (29)	4 years	mean ± 50 (sec) Intervention Pre 9.7 ± 2.2 Post 1 y 9.3 ± 1.9 Post 4 y 10.0 ± 2.0 Control Pre 10.5 ± 2.1 Post 1 y 9.8 ± 1.8 Post 4 y 12.7 ± 3.7 Significant difference in change bewteen intervention and control, from baseline to 4 years and from 1 y to 4 years (even if from 1 to 4 y the performance worsened in both groups).	⊕⊕⊖⊖ LOW Due to study limitations, inconsistency (different populations	⊕⊕⊖⊝/⊕⊕⊕⊖ LOW to MODERATE Due to study limitations (substantial in all studies except in Ng et al.), inconsistency	⊕⊕⊖⊖ LOW Due to study limitations (substantial in all studies), inconsistency

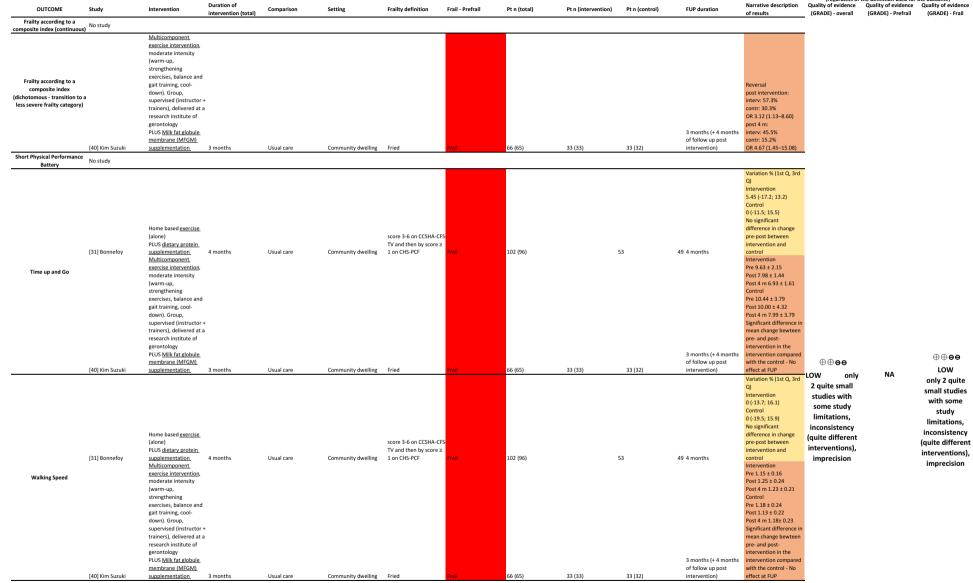
	[37] Giné-Garriga	Functional balance and strength- based exercises, Group, in an indoor primary-care facility, supervised (investigator and an assistant certifed in first aid)	12 weeks	Usual care (+ health education)	Community dwelling	poor physical ability and self- reported exhaustion	Frail	51 (41)	25 (22)	25 (19)	12 weeks (last follow up afer 36 weeks)	mean (SD) [sec] Intervention Pre 11.73 (0.60) Post 12 9.20 (0.60) Post 36 10.05 (0.62) Control Pre 11.87 (0.65) Post 12 12.39 (0.65) Post 36 12.76 (0.74) Significant difference in the pre-post changes between intervention and control, both at 12 and 36 months	and interventions), and imprecision	(different interventions), a imprecision
Walking Speed	[45] Ng	Multicomponent exercise intervention, moderate, gradually increasing intensity, tailored to participants' individual abilities. Resistance exercises, balance training exercises involving functional strength, sensory input, and added attentional demands Group, supervised by a qualified trainer (for 12 weeks) then alone	12 weeks in classes, followed by 12 weeks of home-based exercises.	Usual care	Community dwelling	Fried (CHS)	Prefrail	98	48	50	1 year	M (SD) [sec] Intervention Pre 6.1 (2.08) 3 m 4.8 (0.89) 6 m 5.0 (1.04) 12 m 4.9 (0.99) Control Pre 5.6 (2.07) 3 m 5.1 (2.09) 6 m 4.9 (1.47) 12 m 5.2 (1.72) Significant difference in change between intervention and control at 6 m and 12 m.		
	[40] Kim Suzuki	Multicomponent exercise intervention, moderate intensity (warm-up, strengthening exercises, balance and gait training, cooldown). Group, supervised (instructor + trainers), delivered at a research institute of gerontology	3 months	Usual care	Community dwelling	Fried	Frail	66 (63)	33 (31)	33 (32)	3 months (+ 4 months of follow u _l post intervention)	Intervention Pre 1.17 ± 0.21 Post 1.26 ± 0.27 Post 4 m 1.21 ± 0.22 Control Pre 1.18 ± 0.24 Post 1.13 ± 0.22 Post 4 m 1.18± 0.23 No significant difference in mean change bewteen pre and post-intervention in the intervention - No effect at FUP		
	[32] Cadore et al., 2014	Multicomponent exercise intervention (high-speed resistance training, balance, and gait exercises, on muscle strength) Individual, at thenursing home, supervised by one experienced physical trainer	12 weeks	Usual care (mobility exercise)	Institutionalised	Fried	Frail	32 (24)	16 (11)	16 (13)	12 weeks	Intervention Pre 0.75±0.07 m/sec Post 0.80±0.08 m/sec Control Pre 0.68±0.06 m/sec Post 0.60±0.07 m/sec No significant difference in change pre-post between intervention and control		
	[48] Wolf	Balance Training, individual, supervised by one instructor	15 weeks	Education + exercise suggestions	Community dwelling	biomedical, functional and psychosocial indicators	Prefrail	128 (104)	64 (50)	64 (54)	15 weeks + 4 months	Mean, kg (SD) Intervention Pre 24.87 (8.1) Post 23.87 (8.0) FUP 23.17 (8.0) Control Pre 23.87 (6.5) Post 22.07 (6.2) FUP 22.27 (6.6) No significant difference in change between intervention and control.		

(different populations and interventions), and imprecision

Jandgrip strength	[48] Wolf	Tai Chi, group, supervised by one instructor	15 weeks	Education + exercise suggestions	Community dwelling	biomedical, functional and psychosocial indicators	Prefrail	136 (112)	72 (58)		15 weeks + 4 months	Intervention Pre 23.27 (8.29) Post 22.57 (8.5) FUP 22.87 (8.1) Control Pre 23.87 (6.5) Post 22.07 (6.2) FUP 22.27 (6.6) Significant difference in change between intervention and control.
anugny suengui	[40] Kim Suzuki	Multicomponent exercise intervention, moderate intensity (warm-up, strengthening exercises, balance and gait training, cooldown). Group, supervised (instructor + trainers), delivered at a research institute of gerontology	3 months	Usual care	Community dwelling	Fried	Frail	66 (63)	33 (31)	33 (32)	3 months (+ 4 months of follow up post intervention)	Mean, kg (SD) Intervention Pre 17.94 ± 3.00 Post 18.36 ± 3.28 Post 4 m 17.75 ± 2.90 Control Pre 18.92 ± 3.38 Post 19.18 ± 3.50 Post 4 m 18.08 ± 2.92 No significant difference in mean change bewteen preand post-intervention in the intervention compared with the control - No effect at FUP
	[32] Cadore et al., 2014	Multicomponent exercise intervention (high-speed resistance training, balance, and gait exercises, on muscle strength) Individual, at thenursing home, supervised by one experienced physical trainer	12 weeks	Usual care (mobility exercise)	Institutionalized	Fried	Frail	32 (24)	16 (11)	16 (13)	12 weeks	Mean, N (SD) Intervention Pre 165±63 Post 183±52 Control Pre 157±64 Post 130±58 Significant difference in change pre-post between intervention and control

Mean, kg (SD)

Q1.2 Should nutritional interventions (e.g. supplementation, diet modification) be recommended to prevent or delay the progression of or to revert frailty? OR 1.87 (0.54-6.47)
Transition to a lower finally category interv. 35.6%
OR 2.98 (1.10-8.07)
Median or mean to intervention Pre 5.5 (1.5)
Post 5.8 (1.6)
Difference 0 (-1.1)
Significant difference mean change bewere pre- and post- intervention in the unitervention companies. Presence of low mobilit (usual gate speed < 0.6 m/second) and poor nutrition (Mini Nutritional Assessment with the control intervention Pri 10.77 ± 23.8 Per 10.53 ± 2.77 Per 10.54 ± 2.77 Per 10.55 ⊕⊕⊖⊖ LOW only 2 quite small studies with some study limitations, imprecision Due to study limitations, inconsistency (different populations and interventions), and imprecision ⊕⊕⊖⊖ LOW (only one quite small study) Presence of low mobilit (usual gate speed < 0.6 m/second) and poor nutrition (Mini



		_						_				
												Median or mean ± SD
												[kg]
												Intervention
												Pre 17.19 ± 3.79
		Multicomponent										Post 17.83 ± 4.05
		exercise intervention,										Post 4 m 17.00
		moderate intensity										± 3.88
		(warm-up,										Control
		strengthening										Pre 18.92 ± 3.38
Handgrip strength		exercises, balance and	i									Post 19.18 ± 3.50
		gait training, cool-										Post 4 m 18.08 ± 2.92
		down). Group,										No significant
		supervised (instructor	+									difference in mean
		trainers), delivered at	a									change bewteen pre-
		research institute of										and post-intervention
		gerontology										in the intervention
		PLUS Milk fat globule									3 months (+ 4 months	compared with the
		membrane (MFGM)									of follow up post	control - No effect at
	[40] Kim Suzuki	supplementation	3 months	Usual care	Community dwelling	Fried	Frail	66 (65)	33 (33)	33 (32)	intervention)	FUP

ОИТСОМЕ	Intervention category	Intervention sub-category	Study	Intervention - description	Duration of intervention (total)	Comparison	Setting	Frailty definition	Frailty criteria	Frail - Prefrail	Pt n (total)	Pt n (intervention)	Pt n (control)	FUP duration		Quality of evidence (GRADE) - overall	Quality of evidence (GRADE) - Prefrail	Quality of evidence (GRADE) - Frail
Frailty according to a	2. uni-professional	Active Management (mainly) and (Psycho)educational - Only health care professionals - At home - Individual	[46] Van Hout	Nurse home visits	at least 4 visits a year	Usual Care	community dwelling	composite of biomedical, functional and psychosocial indicators (based on COOP-WONCA charts)	≥ 2 of 6 COOP- WONCA charts	Frail	651	331	320	18 months (and 6 months)	Effect size on COOP-WONCA-based Frailty not reported. They report SF-36 mean scores at baseline and FUP. They qualitative report a non statistically significant difference between intervention and control (non significant groupxtime interaction)			
composite index (continuous)	2. uni-professional	(Psycho)educational (mainly) and Active Management - Only health care professionals - At home (but not clear) - Individual	[47] Vriendt	Client-centred, activity- oriented and community based intervention program, delivered by trained occupational therapists	8 to 10 weeks	Usual Care	community dwelling/primary care	based on b-ADL functioning (BEL- profile scale)	≥ 1 impairment	Frail	168	86 (82)	82 (80)	8-10 weeks	Mean difference (SD) between intervention and control in b-ADL scale change pre-post (b-ADL scores expressed as a percentage where 0% represented complete dependency and 100% complete independence) 6.7 (1.4 to 12.1), p = 0.013			
Frailty according to a composite index (dichotomous - transition to a	2. uni-professional	(Psycho)educational - Not only health care professionals - At home - Individual	[30] Behm [38] Gustafsson	single preventive home visit (1.5-2 h) made by an occupational therapist (OT), a physiotherapist (PT), a registered nurse (RN), or a qualified social worker (SW)	2 h	Usual care	community dwelling	Measured as sum of 8 (Behm) or 6 (Gustafsson) biomedical, functional and psychosocial indicators; 2. Measured as tiredness in daily activities (Mob-T scale)	1. ≥ 3 positive indicators	13% non- frail 68% prefrail 19% frail	288	174	114	2 у	Deterioration in Frailty measured as sum of indicators, between Baseline and follow-up time 3 months % of No deterioration in Frailty n (%) Control 81 (71); Intervention 121 (70) OR (95 % CI) 0.93 (0.55–1.56) 1 year % of deterioration control 39 %; intervention 34 % OR (95 CI) 0.79 (0.49–1.28) 2 year % of deterioration control 59 %; intervention 52 % OR (95 CI) 0.77 (0.48–1.24) BUT: Significant effect on deterioration in Frailty measured as Tiredness (with a lower rate of deterioration in intervetion compared with control group) at 1 year (not at 2 year)	⊕⊕⊖⊖ LOW Due to study limitations, inconsistency (different populations and interventions), imprecision	⊕⊕⊖⊖ LOW (only one study)	⊕⊕⊖⊖ LOW Due to substantial study limitations, inconsistency (different interventions), imprecision
less severe frailty category)	2. uni-professional	(Psycho)educational (mainly) and Active Management - Only health care professionals - At home - Individual	[36] Favela	Nurse home visits	weekly visits over 9 months	Usual Care	community dwelling	1. 34-variable Frailty Index (Rookwood) 2. Fried		All Frail according to Rookwood) - about 45% frail according to Fried	88	44	44	9 months	% Reversal from Fraitry (Fried) [data in part derived from a graph] Intervention about 11% Control about 10% % Development of Frailty Intervention about 24.3% Control about 12.8%			
	2. uni-professional	(Psycho)educational (mainly) and Active Management - Only health care professionals - At home - Individual	[36] Favela	Nurse home visits alone with alert buttons	weekly visits over 9 months	Usual Care	community dwelling	1. 34-variable Frailty Index (Rookwood) 2. Fried	1. ≥ 0.14 in Frialty index 2. ≥ 3 criteria	All Frail according to Rookwood) - about 45% frail according to Fried	89	45	44	9 months	% Reversal from Frailty (Fried) [data in part derived from a graph] Intervention 12.8% Control about 10% % Development of Frailty Intervention about 5.1% Control about 12.8%			

Should MULTI-PRO		Intervention sub-			Duration of					-		Pt n	Pt n	min I		(regardless of Quality of evidence	the definition used for t Quality of evidence	he outcome) Quality of evid
OUTCOME	Intervention category	category	Study	Intervention - description	intervention (total)	Comparison	Setting	Frailty definition	Frailty criteria	Frail - Prefrail	Pt n (total)	(intervention)	(control)	FUP duration	Narrative description Deterioration in Frailty measured as	(GRADE) - overall	(GRADE) - Prefrail	(GRADE) - F
	1. multi-professional	(Psycho)educational Not only health care professionals-th home - Group based and Individual	[30] Behm [38] Gustafsson	multi-professional senior group meetings with one follow-up home visit occupational therapist (0T), a physiotherapist (PT), a registered nurse (RN), or a qualified social worker (SW)	6-7 w	Usual care	community dwelling	Measured as sum of 8 (Behm) or 6 (Gustafsson) biomedical, functional and psychosocial indicators; 2 Measured as tiredness in daily activities (Mob-T scale)	1. ≥ 3 positive indicators	13% non-frail 68% prefrail 19% frail	285	171	114	2 у	am of indicators, between Baseline and follow-up time and follow-up time and follow-up time of the state of t			
	1. multi-professional	Active management - Not only health care professionals - A home + community hospital - Individual	[42] Li	Screening evaluation based on CGA by trained nurses + appropriate intervention based on screening results (CGA report revised by two geriatricians; intervention programs delivered by medical professionals, but involving other professionals including social workers)	not specified	Screening evaluation based on CGA only	community hospital	Fried	≥ 3 criteria	pre-frail or frail (mostly pre-frail)	310	152 (129)	158 (140)	6 months	% Deterioration in Frailty status Intervention 8.5% Control 10.7% OR (95% CJ) 0.78 (0.34–1.79) % Improvement in Frailty status Intervention 4.6% Control 1.4% OR (95% CJ) 0.94 (0.42–2.12)			
ailty according to a composite index otomous - transition a less severe frailty category)	1	Active management - Not only health care professionals - from the ED, across differen settings of care - Individual	t [23] Eklund	Individual, provided by professionals in nursing with geriatric competence (emergency department), occupational therapy, physiotherapy and social work (municipality), no geriatrician	1 у	Usual care	patients discharged from the ED	composite of biomedical, functional and psychosocial indicators	≥ 2 positive indicators among the ones prespecified	Mostly frail and pre-frail (non frail only 5 % in the intervention and 0 % in the control 0 5 24 26 76 69, respectively)	161 (181 randomized)	85	76	1 y	Improvement in Frailty measure % (n) 3 month intervention 8 (7) control 13 (10) OR (95 % C1) 0.59 (0.21-1.64) 6 month intervention 12 (10) control 17 (13) OR (95 % C1) 0.65 (0.27-1.57) 12 month intervention 12 (10) control 22 (17) OR (95 % C1) 0.46 (0.02-0.109)	⊕⊕ ee LOW Due to study	⊕⊕⊖⊖ LOW Due to study	⊕⊕e / LOW Due to st limitatio
	1. multi-professional	Active management - Only health care professionals - At home - Individual	[26] Fairhall	Individual, provided by two physiotherapists, a geriatrician, rehabilitation physician, dietician, and nurse, GEM based	1 у	Usual care	community dwelling	Fried	≥ 3 criteria	frail	241	120	121	1 у	3 month n Frail (%) Intervention 72 (64); Control 88 (75) Difference Between Groups, Adjusted for Month 0, Intervention Minus Control (95% C, P Value) -11.3% (-2.3% to -0.7%, P 0.07) 12 month Intervention 66 (62); Control 84 (77) Difference Between Groups, Adjusted for Month 0, Intervention Minus Control (95% C, I P Value)	limitations, inconsistency (different populations and interventions), imprecision	limitations, inconsistency (different populations and interventions), imprecision	inconsis (differ populat and intervent impred
	1. multi-professional	Active management - Only health care professionals - At the primary care centre - Individual	[43] Monteserin	individual CGA + group based recommendations by a trained nurse about healthy habits and adherence to treatment (if not at risk of frailty) + Individual based sessions with geriatrician (if at risk of frailty) + Individual based sessions with geriatrician (if	group session with the nurse: 45 mins; individual sessions with the geriatrician 30 mins	Usual care	community dwelling/primary care	composite of biomedical, functional and psychosocial indicators	≥ 2 positive indicators among the ones prespecified	at risk of frailty	620	308 (157 not at risk of frailty; 151 at risk of frailty)	312	18 months	-14.7% (-27.0% to -2.4%, P. 0.02) % Reversal from at risk of frailty to not risk of frailty Control 13.5%; Intervention 27.9%; Adjusted OR (95% CI) for reversal 3.08 (1.21-7.82) % Progression from not at risk of frailty Control 33.8% Intervention 20.4% (-90.0027)			
composite measures Frailty as Physical	1. multi-professional	Active management - Not only health care professionals - at hospital discharge - Individual	[35] Cohen	Outpatient care in a GEM unit, individual-based, provided by a geriatrician, a social worker, and a nurse-using Preventive and management services (e.g., dietetics, physical and occupational therapy, and clinical pharmacy)	1y	Usual care	inpatients (once discharged)	composite of functional and psychosocial indicators	≥ 2 positive indicators among the ones prespecified	frail	1388	692	696	1у	mean changes in the Physicial Performance Test scores (adjusted for the length of stat) At discharge Intervention 2.34 Control 2.60 P 0.24 12 month Intervention 4.67 (2.13) Control 4.07 (1.30) P 0.12			
Frailty as Physical rmance (continuous)	1. multi-professional	Active management - Not only health care professionals - In hospital - Individual	[35] Cohen	Inpatient care in a GEM unit, individual-based, provided by a geriatrician, a social worker, and a nurse - using Preventive and management services (e.g., dietetics, physical and occupational therapy, and clinical pharmacy)	30 days	Usual care	inpatients	composite of functional and psychosocial indicators	≥ 2 positive indicators among the ones prespecified	frail	1388	694	694	1 y	mean changes in the Physicial Performance Test scores (adjusted for the length of stay) At discharge intervention 3.12 Control 1.75 P <0.001 At 12 month intervention 4.50 Control 4.24			

vention group	Intervention subgroup	Study	Intervention description	Duration of intervention (total)	Comparison	Setting	Frailty definition	Frail - Prefrail Pt n		entio Pt n (contro	FUP I) duration	OC Frailty - continuous	OC Frailty - dichotomous	DC TUG	OC Walking speed	OC grip strenght	OC SPPB	Comment	Quality of evidence
	,											M (SD) Intervention Pre 2.0 (0.91) 3 m 1.3 (0.81) 6 m 1.4 (0.78) 12 m 1.4 (0.94) Control Pre 1.8 (0.80)			M (5D) [sec] intervention Pre 5.4 (1.16) 3 m 4.7 (0.97) 6 m 4.6 (0.80) 12 m 5.2 (1.05) Control Pre 5.6 (2.07) 3 m 5.1 (2.09)				
			Activities designed to stimulate short-term memory, and enhance attention and information- processing skills, and reasoning and problem solving abilities in the first 12 weeks. In the subsequent 12 weeks "booster" sessions, focusing on the revision of the cognitive skills			Community						3 m 1.3 (0.85) 6 m 1.4 (1.06) 12 m 1.6 (0.97) Significant difference in change between intervention and control a	interv: 35.6% at contr: 15.2%		6 m 4.9 (1.47) 12 m 5.2 (1.72) No significant difference in change between intervention and control at any				see Table 3 of FOCUS D4.1.2 Systematic Review: A systematic review of the effectiveness of frailty interventions for methodological
er	Cognitive training	[45] Ng	Multicomponent exercise intervention, moderate, gradually increasing intensity, tallored to participants' individual sabilities. Resistance exercises, balance training exercises involving functional strength, sensory input, and added attentional demands. Group, supervised by a qualified trainer for 12 weeks! then alone	6 months	Usual care	dwelling	Fried	Prefrail	98	48	50 1 year	12 m. M (SD) Intervention Pre 2.1 (0.81) 3 m 1.3 (0.84) 6 m 1.4 (0.87) 12 m 1.2 (1.07) Control Pre 1.8 (0.80) 3 m 1.3 (0.85)	OR 2.89 (1.07-7.82)		time (SU) [SEC] Intervention Pre 5.4 (1.25) 3 m 4.7 (1.20) 6 m 4.8 (1.13) 12 m 5.3 (2.17) Control Pre 5.6 (2.07) 3 m 5.1 (2.09) 6 m 4.9 (1.47)				appraisal of studies included
ysical	Exercise + nutrition + cognitive training	(45) Ng	quamee trainer (for 1.2 weeks) time alone PLUS <u>Nutrificial supplement</u> designed to augment caloric intake by about 20% and provide about one third of the recommended daily allowances of vitamins and minerals administrated nurse PLUS <u>cognitive training</u>		Usual care	Community dwelling	Fried	Prefrail	98	48	50 1 year	5 m 1.3 (0.85) 6 m 1.4 (1.06) 12 m 1.6 (0.97) Significant difference in change between intervention and control at 3m, 6 m and 12 m.	Transition to a lower frailty category interv: 47.8% at contr: 15.2% OR 5.00 (1.88-13.3)		to m 4.9 (1.47) 12 m 5.2 (1.72) No significant difference in change between intervention and control at any time				see Table 3 of FOCUS D4.1.2 Systematic Review: A systematic review of the effectiveness of frailty interventions for methodological appraisal of studies included
ther	Hormone therapy	[44] Muller	atamestane	36 w	Placebo	Community dwelling	Physicial indicators (isometric grip strength <30 kg and leg extensor power <100 Nm)		49	25	24 36 w					Mean change from baseline in placebo group (CI 95%) [kg]: 1.2 (2.4; 0.0) Difference between placebo and study ago (95 % CI) 0.2 (-1.8; 2.1) Mean change from	ent .	only men, aged ≥ 70	see Table 3 of FOCUS D4.1.2 Systematic Review: A systematic review of the effectiveness of fraility interventions for methodological appraisal of Studies included
her	Hormone therapy	[44] Muller	DHEA	36 w	Placebo	Community dwelling	Physicial indicators (isometric grip strength <30 kg and leg extensor power <100 Nm)		49	25	24 36 w					baseline in placebo group (CI 95%) [kg]: 1.2 (2.4; 0.0) Difference between placebo and study age beta (95 % CI) 1.3 (-0.6; 3.2) Mean change from	ent	only men, aged ≥ 70	see Table 3 of FOCUS D4.1.2 Systematic Review: A systematic review of the effectiveness of frailty interventions for methodological appraisal of studies included
ther	Hormone therapy	[44] Muller	atamestane + DEHA	36 w	Placebo	Community dwelling	Physicial indicators (isometric grip strength <30 kg and leg extensor power <100 Nm)		50	26	24 36 w					baseline in placebo group (CI 95%) [kg]: 1.2 (2.4; 0.0) Difference between placebo and study ago beta (95 % CI) 0.0 (-1.9; 1.9)	ent .	only men, aged ≥ 70	see Table 3 of FOCUS D4.1.2 Systematic Review: A systematic review of the effectiveness of fruitly interventions for methodological appraisal of studies included
			Multicomponent exercise intervention (stretching, resistance training, postural control and balance training). Group (7), supervised (7), supervised (7), performed at the participating hospital During exercise essions partiticants received nutritional consultations and were then followed-up over telp phone to assess compliance with		No intervention (educational book) provided to both intervention and	Community	Chinese Canadian Study of Health and Aging Clinical Fraility Scale Telephone Version (CCSHA_CRS_TV) combined with modified	87% prefrail					% Improvement in Frailty Control 3 mo 27% 6 mo 26% 12 mo 31% Intervention 3 mo 45% 6 mo 40% 55gnificant difference between intervention and control and improvement from						see Table 3 of FOCUS D4.1.2 Systematic Review: A systematic review of the effectiveness of farility interventions for methodological
ther	Exercise + nutritional consultation Problem Solving Therapy		Sessions of psychotherapy to solve the "here-and- now" problems contributing to their mood-related conditions and helps increase their salf-efficacy,	3 times a week for 3 months 6 sessions for 3 months	No intervention (educational bookl provided to both intervention and control group)		Chinese Canadian Study of Health and Aging Clinical Frailty Scale Telephone Version (CCSHA_CFS_TV) combined with modified	13% frail	117	55	62 12 mo		baseline to 3 mo (p=0.008) Control 3 mo 28% 6 mo 32% 12 mo 35% Intervention 3 mo 44% 6 mo 35% 12 mo 35% No significant difference between intervention and						appraisal of studies included see Table 3 of FOCUS D4.1.2 Systematic Review. A systematic review of the effectiveness of fraility interventions for methodological appraisal of Studies included