

Supplementary material 1. LESS-CHRON criteria.

DRUG	INDICATION FOR WHICH IT IS PRESCRIBED	REFERENCE	DEPRESCRIBING CONDITION	IS CRITERION FULLFILLED? (YES=1;NO=0)
A. ALIMENTARY TRACT AND METABOLISM				
Oral diabetic agents, except metformin	Type 2 diabetes	A1	80 years old or older (frail). Diabetes of more than 10-year evolution in treatment with insulin	
Acarbose	Type 2 diabetes	A2	More than one drug for diabetes treatment. Well controlled diabetes	
Metformin	Type 2 diabetes	A3	Low body mass index. Under treatment with insulin	
Calcium/Vitamin D supplement	Prophylaxis for fractures	A4	Patient unable to walk and Barthel index less than 60	
B. BLOOD AND BLOOD FORMING ORGANS				
Oral anticoagulants	Atrial fibrillation	B1	Pfeiffer \geq 8 points and Profund index \geq 11 points	
		B2	High risk of falls	
Acetylsalicylic acid	Primary prevention	B3	Age as only risk factor	
Clopidogrel+ Acetylsalicylic acid	Post acute coronary syndrome prevention	B4	More than one year of dual antiplatelet therapy. Withdraw one of them	

C. CARDIOVASCULAR SYSTEM

Antihypertensives	High blood pressure	C1	Patients over 80 years with systolic blood pressure < 160 mmHg and more than one antihypertensive drug. Withdraw an antihypertensive drug not considered as first line treatment
Statins	Primary prevention	C2	80 years old or older
	Secondary prevention	C3	Pfeiffer \geq 8 points
Nimodipine	Prophylaxis for neurological deterioration	C4	Long-term treatment (\geq 1 year)

D. GENITO-URINARY SYSTEM

Anticholinergics	Urinary incontinence	D1	Use of nappy
		D2	Worsening of dementia symptoms in patients under anticholinesterase treatment

Alpha-adrenergic blockers	Benign prostatic hypertrophy (BPH)	D3	Asymptomatic patient or with symptoms that do not affect the patient's life quality
Allopurinol	Secondary prevention	D4	More than 5 years free of gout episodes
E. MUSCULO-SKELETAL SYSTEM			
Bisphosphonates	Primary prevention	E1	5-year treatment
	Secondary prevention	E2	Patient unable to walk
F. NERVOUS SYSTEM			
Haloperidol Risperidone Quetiapine	Delirium during hospitalization	F1	After a month's behavioral stability
Benzodiazepines	Anxiety	F2	Absence of anxiety in the previous month
Benzodiazepines Z drugs (Zolpidem/Zopiclone /Zaleplone)	Insomnia	F3	Absence of insomnia in the previous month
Antidepressants	Reactive depression	F4	Basal mood recovery after

			at least 6 months of treatment
	Behavioral alteration Alzheimer disease	F5	Advanced Alzheimer GDS>6
		F6	In combination with memantine: withdraw one of them.
Anticholinesterases	Alzheimer disease	F7	Patients with advanced Alzheimer (GDS>6) or no response to treatment in the previous year.
Citicoline	Vascular dementia	F8	Pfeiffer >8 points
G. RESPIRATORY SYSTEM			
Mucolytics and expectorants	Bronchopulmonary disease	G1	Stability in underlying disease