

Algorithm of obesity in individuals older than 65 years

1

Evaluate functional status, sarcopenia, and cognitive status

FRAILITY (FRAIL scale)

Questions

Fatigue: "Did you feel tired all or most of the time during the past 4 weeks?" a

Resistance: Do you have any difficulty walking up 10 steps without resting?" a, b

Ambulation: Do you have any difficulty walking several hundred yards?" a, b

Illnesses: "Did a doctor ever tell you that you have >5 among these 11 illnesses?" a, c

Loss of weight: "Have you lost >5% of your weight in the last year?" a

Answers

- a 1 = Yes, 0 = No.
b By yourself and not using aids.
c Hypertension, diabetes, cancer (other than a minor skin cancer), chronic lung disease, heart attack, congestive heart failure, angina, asthma, arthritis, stroke, kidney disease.

SARCOPENIA (SARC-F scale)



STRENGTH

How much difficulty do you have in lifting and carrying 4.5 kg? 4.5 kg is about the weight of a house cat or 3 1.5-liter bottles of mineral water

0 None 1 Some 2 A lot or unable



ASSISTANCE IN WALKING

How much difficulty do you have walking across the room?

0 None 1 Some 2 A lot or unable



RISE FROM A CHAIR

How much difficulty do you have transferring from a chair or bed?

0 None 1 Some 2 A lot or unable



CLIMB STAIRS

How much difficulty do you have climbing a flight of 10 stairs?

0 None 1 Some 2 A lot or unable



FALLS

How many times have you fallen in the past year?

0 None 1 1-3 falls 2 4 or more falls

≥4 = Sarcopenia

COGNITIVE IMPAIRMENT (PFEIFFER test)

Question

1 What is today's date? (dd/mm/yy)

2 What day of the week is it today?

3 What is the name of this place or building?

4 What is your telephone number? If you do not have a telephone: what is your address?

5 How old are you?

6 What is your date of birth? (dd/mm/yy)

7 What's the current president's name?

8 What's the name of the previous president?

9 What is your mother's surname?

10 Can you count backward from 20 by 3's?

TOTAL NUMBER OF ERRORS

TOTAL No. OF ERRORS

0 to 2 errors = Normal.
3 to 4 errors = Mild cognitive impairment.
5 to 7 errors = Moderate cognitive impairment.
8 to 10 errors = Severe cognitive impairment.

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REDUCED

Intensify non-pharmacological interventions and maintain quality of life
(avoid restrictive diets in this patient profile)



Mediterranean diet

Healthy lifestyle

- Healthy eating habits.
- Adapted physical exercise.
- Do not smoke.
- Practice healthy sleep habits.

Calories: adjust calories intake to maintain a healthy weight.

Unsaturated fats.

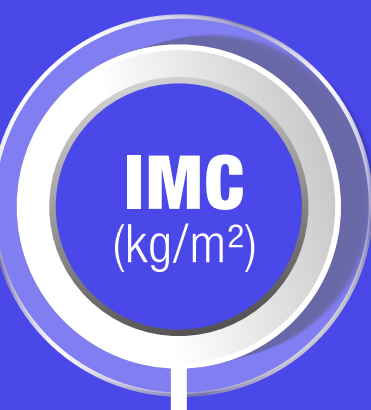
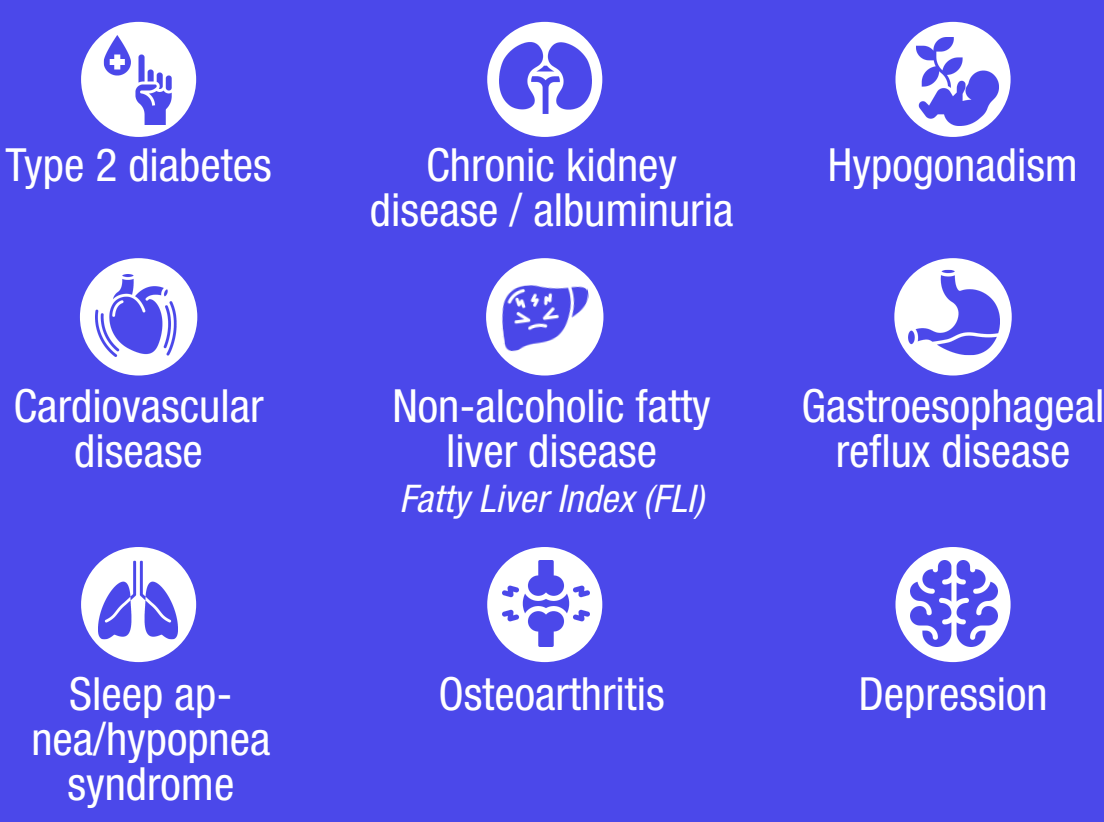
Virgin olive oil as the main fat.

Maintain plasma **vitamin D** level >30 ng/ml.

Soluble fiber.

CONSERVED

COMORBIDITIES



Healthy lifestyle

- Healthy eating habits.
- Adapted physical exercise.
- Do not smoke.
- Practice healthy sleep habits.

If there are comorbidities and/or EOSS >2

- Drugs ***
Liraglutide 3.0 (SC 3 mg/24 h).
Semaglutide 2.4 mg (sc one time each week). **
Tirzepatide 5/10/15 mg (sc one time each week). **
Orlistat (oral 60-120 mg/8 h).
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- Bariatric surgery: Evaluate individually in select cases.*

Evaluate withdrawing obesogenic drugs: Glucocorticoids, Antipsychotics, Antidepressants, Anticonvulsants, Antimanic agents, non-cardioselective beta-blockers, Antimigraine agents, Antihistamines, Antidiabetics: sulfonylureas, glinides thiazolidinediones, insulin.

* The recommendation of GLP1 agonists is the first choice due to their efficacy. Re-evaluate in 12 weeks and suspend if 5% of weight is not lost.

** When available.

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Grupo de Diabetes, Obesidad y Nutrición

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SOCIEDAD ESPAÑOLA DE MEDICINA INTERNA
La visión global de la persona enferma