

# Cambios relacionados al envejecimiento que modifican la presentación y el curso de la enfermedad crónica

**Grupo 3**

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# Systems for Comorbidity Assessment

1. Mental functions
2. Sensory functions and pain
3. Voice and speech functions
4. Cardiovascular
5. Hematological
6. Immunological
7. Respiratory
8. Digestive
9. Metabolic
10. Endocrine
11. Genitourinary and reproductive/sexual
12. Neuromusculoskeletal and movement functions
13. Skin

# Sensory Functions

- Visual acuity, fields
- Color, contrast perception
- Hearing acuity
- Localization, discrimination
- Vestibular function
- Proprioception
- Taste, touch, smell

## **Cardiovascular**

- Heart rate, rhythm
- Blood pressure
- Postural blood pressure stability
- Cardiac function: systolic, diastolic
- Cardiac valvular function
- Coronary blood flow
- Carotid blood flow
- Peripheral blood flow
- Exercise tolerance
- Venous valvular competence

## **Hematological**

- Blood cell production, maintenance
- Clotting function
- Lymphatic competence

## **Immunological**

- Immunological competence
- Hypersensitivity
- Autoimmunity
- Nonspecific inflammation
- Infections, acute and chronic
- Dysplasia/neoplasia

## **Respiratory**

- Peak expiratory flow
- Diffusion capacity
- Lung volume

## **Digestive**

- Salivation, chewing
- Swallowing
- Motility: gastric, intestinal, colonic
- Biliary flow
- Nutrient absorption
- Food tolerance
- Fecal continence

## **Metabolic**

- Appetite
- Adiposity, weight stability
- Lipid regulation
- Water and sodium balance
- Thermal regulation

## **Endocrine**

- Pituitary function
- Thyroid function
- Adrenal function
- Parathyroid function
- Gonadal steroid levels
- Glucose regulation

## **Genitourinary**

- Renal function
- Bladder and outlet function

## **Neuromusculoskeletal**

- Bone density, strength
- Joint integrity, stability, range
- Muscle strength, endurance
- Muscle tone, control
- Dexterity, coordination
- Postural balance
- Gait quality, speed

## **Skin**

- Fragility and repair
- Sweat production

## **Conclusiones**

- Cambios asociados a múltiples consecuencias
- Modifican la presentación de enfermedades
- Pueden empeorar pronóstico
- Considerarlos en la terapéutica