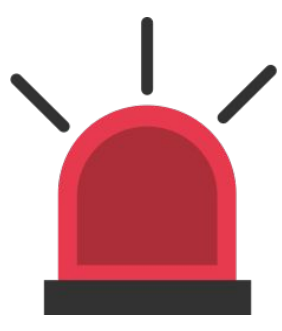


EFFECTIVE TRIAGE IN OLDER ADULTS IN THE EMERGENCY DEPARTMENT

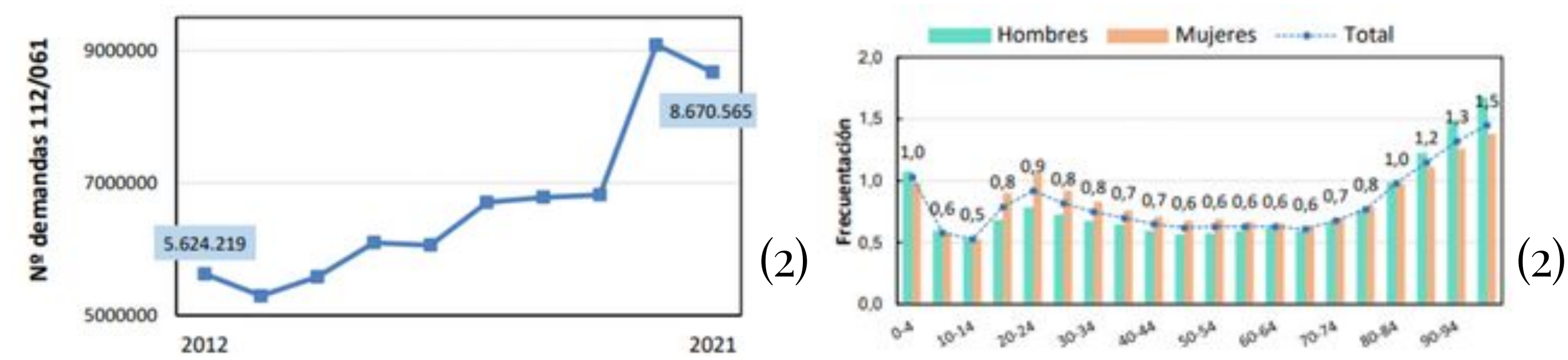
Silvia Yoldi Saez Professor: Jesus Martín Martín

INTRODUCTION



Hospital triage, a fundamental component of clinical management during emergency situations, where demand surpasses available human and technical resources, is predominantly conducted by nurses, whose role is essential in ensuring timely and effective patient care, by doing the first evaluation and categorization of the patient prioritising those with most critical condition (1).

Spain ED demand over de years and frequency of visits by age:



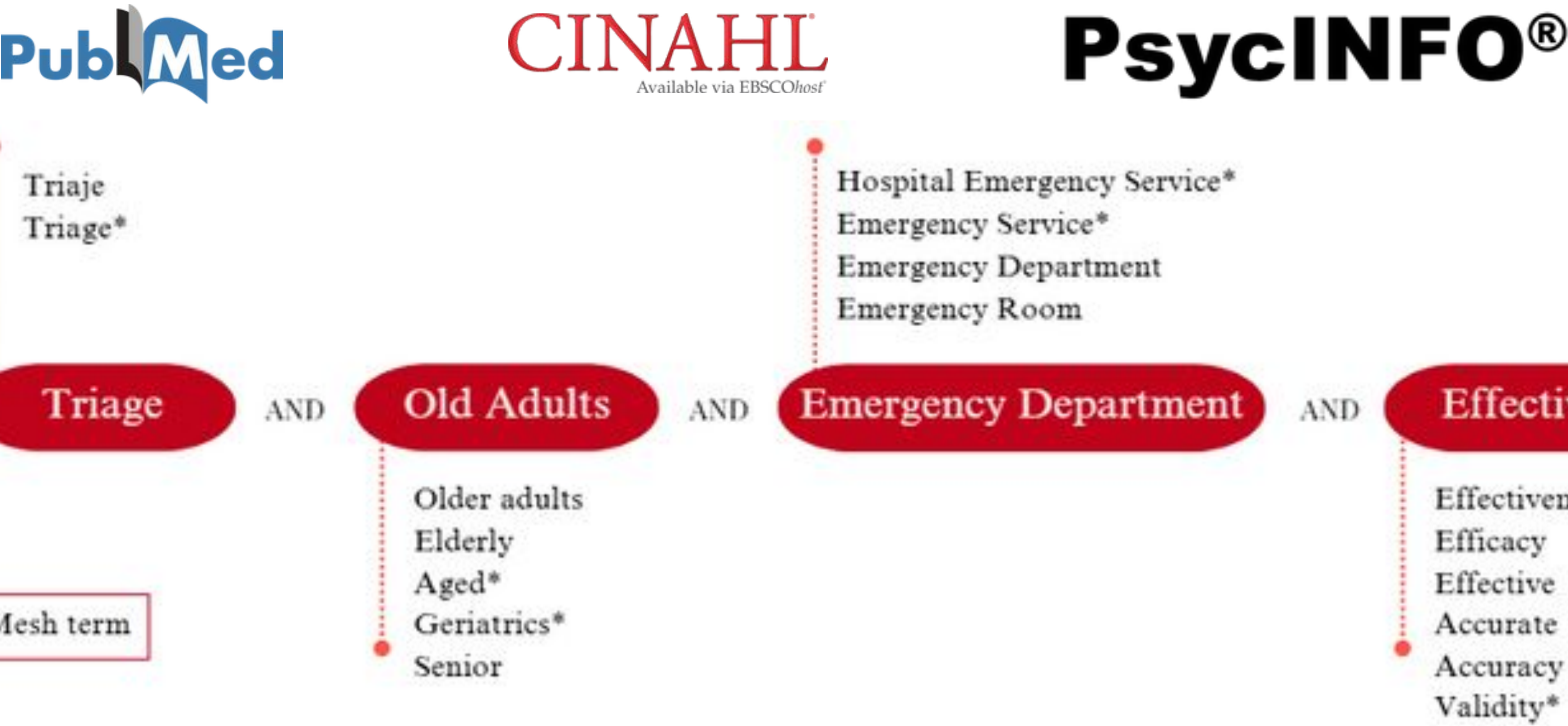
Elderly population suffer from different Geriatric syndromes (3), resulting in the atypical illness presentation in this population when an acute process shows up (4).

OBJECTIVE



To identify different triage systems applicable to elderly patients in the emergency room.

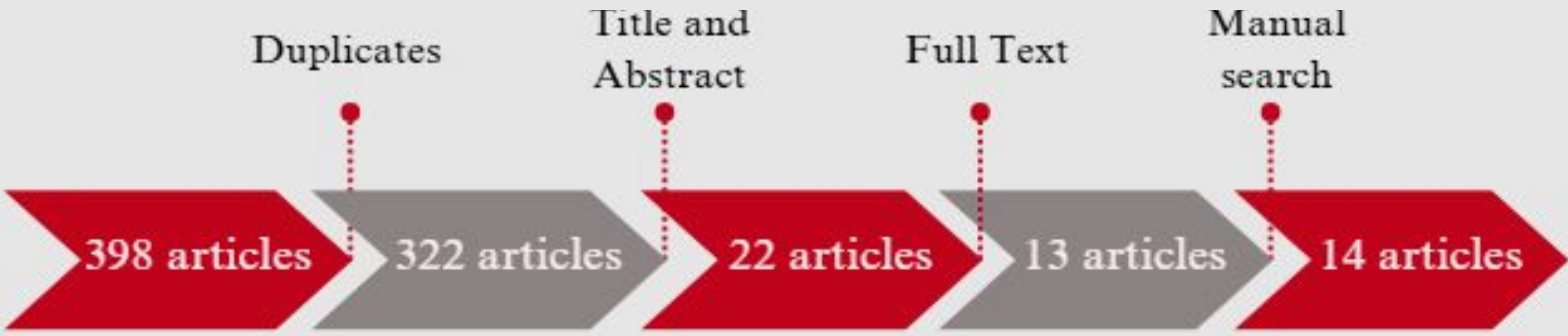
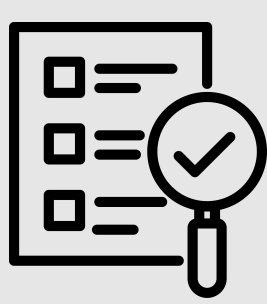
METHODOLOGY


















5 years English and Spanish covidence

Inclusion	Exclusion
Focused on the effectiveness of triage in old adults. Literature reviews and original studies.	Focused on COVID-19 pandemia. Focused on trauma patients. Focused on the extrahospital care. Grey literature: leaflets, editorials, news, publications in congresses and doctoral theses.

RESULTS



AUC of ICU/hospital admission, 3- and 30-day mortality

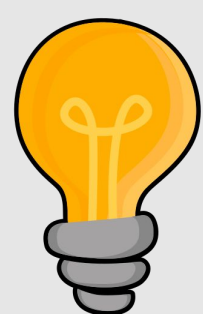
Triage systems	Severity based	3-level categorisation (5,6)	
		ADAPT, CTAS (7)	
	Flowchart based	MTS (8,9)	
		mMTS (10)	 
	Risk resource based	ESI (5,6)	 
Geriatric screening tools	Sepsis screening	qSOFA (11,12)	
		SIRS (11), NEWS (11), REWS (5,11)	
	Geriatric assessment need	PRISMA-7 (12)	
		ISAR, TRST, interRAI (13)	 
	Aging process evaluation	Frailty (14), mortality related to age (6,14)	
Complementary tests	Vital sign interpretation (7,15)		 
	Biomarkers (7)		
	SuPar biomarker (7)		

- Effective.
- Relatively effective.
- Statistically no significant results/more research needed.



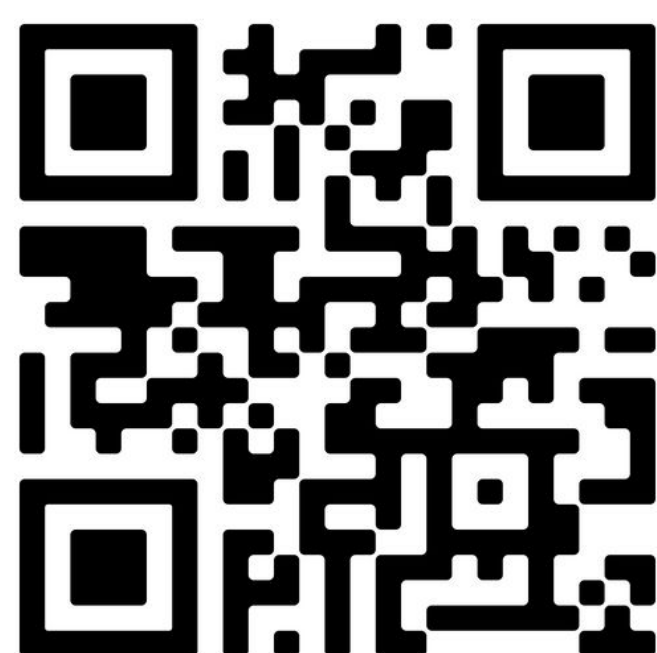
ACRONYMS

CONCLUSION



This study underscores the limitations of current triage systems and screening tools for older adults in emergency settings. The findings highlight the need for new triage strategies that consider frailty, comorbidities, and functional status to better address the complexities of aging in emergency care.

BIBLIOGRAPHY



Universidad de Navarra