# Stratification of psoriasis patients according to pharmaceutical care needed using the capacity-motivation-opportunity pharmaceutical care model

N. Vicente-Oliveros<sup>1</sup>, C. Palomar fernandez<sup>1</sup>, T. Gramage-Caro<sup>1</sup>, P. Burgos Bordel<sup>2</sup>, M.C. Calatayud Sánchez<sup>2</sup>, S. Casado Angulo<sup>2</sup>,A. Martín Álvaro<sup>2</sup>, M.B. Rivera Marcos<sup>2</sup>, S. Karnani Khem<sup>3</sup>lani , M. Vélez-Díaz-Pallarés<sup>1</sup>, A.M. Álvarez-Díaz<sup>1</sup>

<sup>1</sup>Hospital Universitario Ramón y Cajal, Pharmacy.<sup>2</sup>Universidad de Alcalá<sup>3</sup>Universidad Francisco de Vitoria, Madrid, Spain.

# WHAT WAS DONE?

- We stratified psoriasis patients according to the pharmaceutical care needed and established their pharmaceutical care plan.
- We calculated the time needed in pharmaceutical care after stratification.

## WHY WAS IT DONE?

Patients with moderate-severe psoriasis require systemic hospital-dispensed treatments. Hospital pharmacists look for actions to anticipate patients' needs for achieving health outcomes and the system's sustainability.

### HOW WAS IT DONE?

Observational, prospective and cross-sectional study between march-may 2022 in a university hospital.



Randomization: 100 psoriasis patients



23 variables
Patient's risk score: 1-4



Classification of patients

Level 1: global score≥31 points

Capacity-Motivation-Opportunity (CMO) pharmaceutical care model (SEFH, 2018)

Level 2: 18-30 points

Level 3: ≤17 points

Total time spent in pharmaceutical care



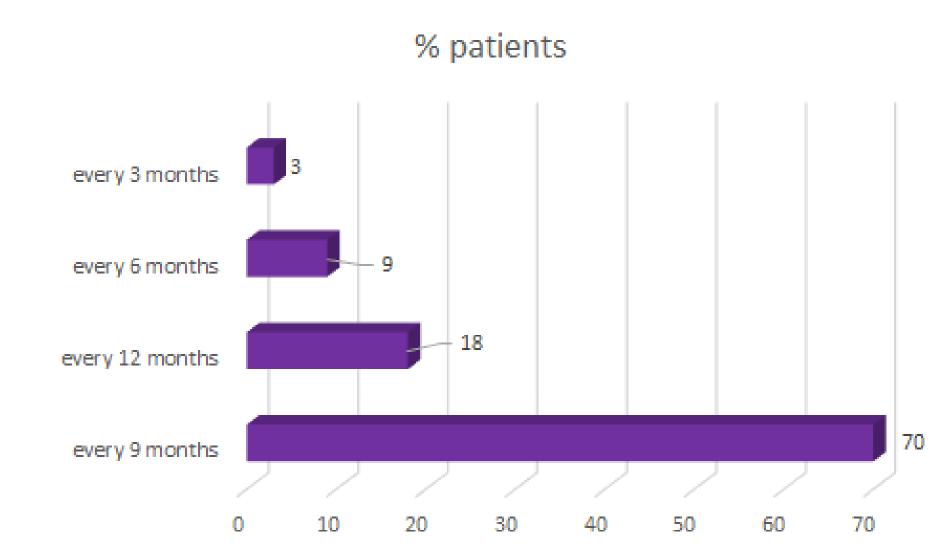
The scheduled average time for each visit was 10 minutes.

N°visits pre-stratification: sum of all the visits scheduled for the patients N° post-stratification: level 1 (biannual),2 (annual), 3 (as needed)

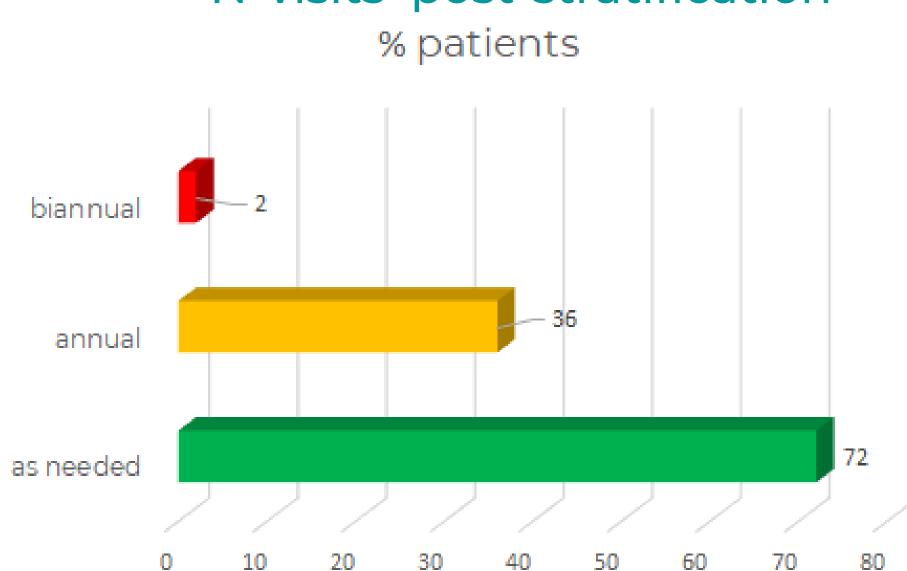
# WHAT HAS BEEN ACHIEVED?

- Most patients were stratified on level 3
- Pharmaceutical care plan has been designed to meet the needs of each patient.

#### N°visits pre-stratification



# N°visits post-stratification



• Stratification has improved the time pharmacists have to accomplish the needs of each patient



97,6 visits



16,3 h

### WHAT NEXT?

- We will expand the stratification to the rest of the psoriasis patients and other outpatient pathologies.
- We will coordinate strategies with Social and Psychological Services, Primary care and Community pharmacy to improve pharmaceutical care.







