<u>CP-104</u>

ADHERENCE TO DISEASE MODIFYING ANTIRHEUMATIC DRUGS IN PATIENTS WITH RHEUMATOID ARTHRITIS ¹Alañón Pardo MM, ¹Áreas del Águila VL, ²Cuadra Díaz JL, ²Paulino Huertas M, ²Ariza Hernández A, ²Mínguez Sánchez MD, ²Revuelta Evrard E,



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Background:

A lack of adherence to disease-modifying antirheumatic drugs (DMARDS) can increase inflammatory activity in patients with rheumatoid arthritis (RA)

Purposes:

To estimate adherence to subcutaneous biological (DMARD-b) and conventional (DMARD-c) DMARDs in RA patients.
To evaluate inflamatory activity as a function of DMARD adherence.

Materials and Methods:

 Study design:
Cross-sectional study (april 2015)
Pharmaceutical care outpatients

Study variables: • Age • Sex •DMARDs

Adherence was evaluated by two indirect methods:

1) Patient self-administered questionnaire: CQR-5- Compliance Questionnaire Rheumatology

1- "I take my antirheummatic medicines because I then have fewer

Adherence Inflamatory activity (DAS28)

with RA receiving DMARD-b in a 550-bed hospital

Remision (DAS28≤2,6)
Moderate (3,2<DAS28<5,1)
Low (DAS28≤3,3)
High (DAS28≥5,1)

DAS28

Data obtained form:

 Electronic clinical records (*Turriano®*, *Mambrino®*)
Out-patient dispensing records (*APD-Prisma®*)
Community pharmacy electronic prescription dispensing programs (specialists and community phsysicians) (*Fierabrás®*)
Pharmaceutical interview

Statistical analysis:

Pearson's X² test to compare inflamatory activity between adherence and non-adherence groups to combination therapy with DMARD-b and DMARD-c.

problems"

2- "I definitely don't dare to miss my anti-rheumatic medications"

3- "My medicines are always stored in the same place and that's why I don't forget them"

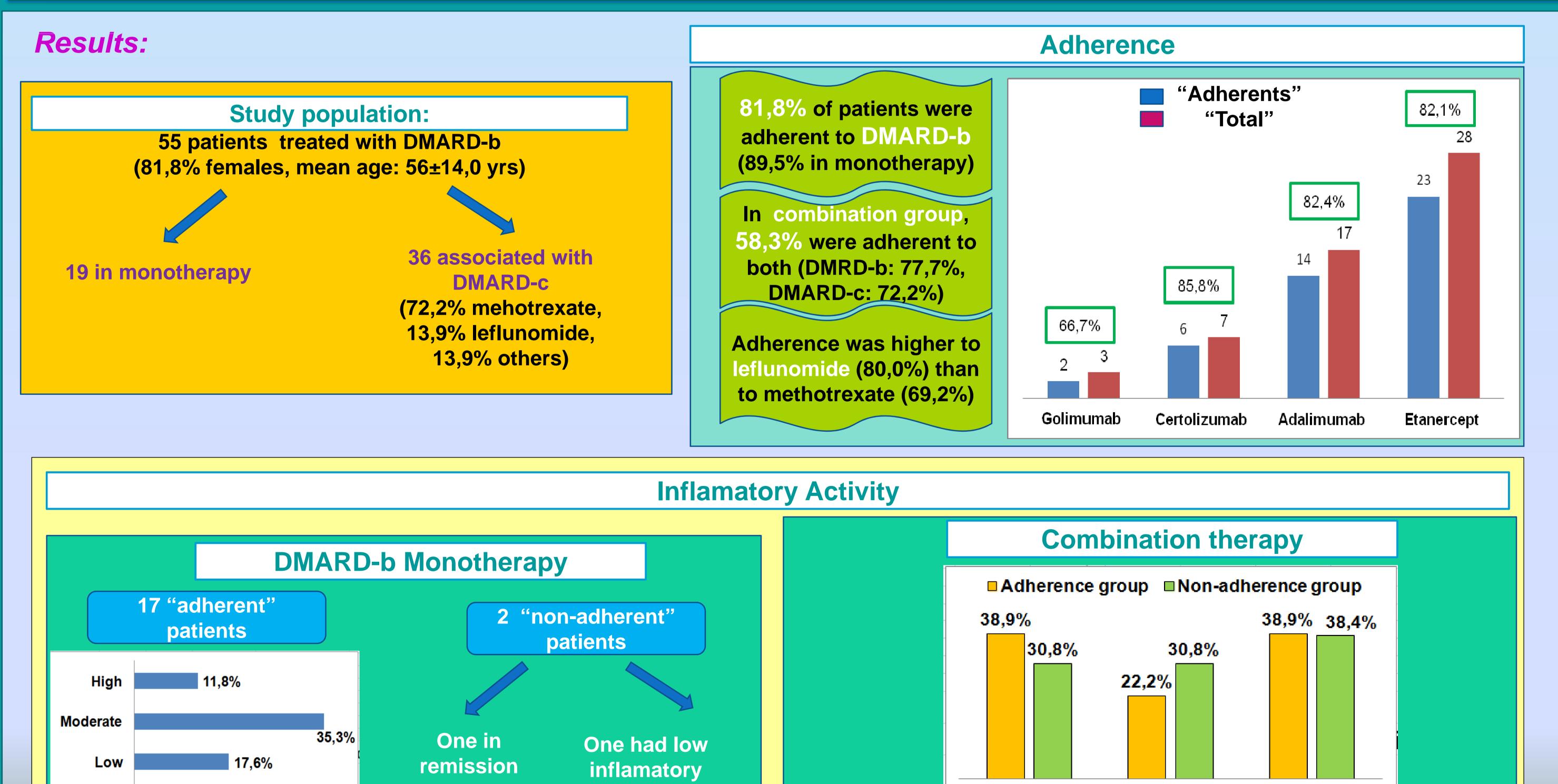
4- "I take my medicines because I have complete confidence in my rheumatologist"

5- "What the doctor tells me, I hang on to"

Four point Likert answering scale: "Definitely don't agree" (scored 1) \rightarrow "Definitely agree"(scored 4) lower scores \rightarrow lower levels of adherence.

2) Electronic dispensation records: "Medication possesion rate" N°days a medication was dispensed N°days of the treatment period during the previous 12 months

"Adherent patients"= MPR≥80% + "high adherence" (CQR-5 classification)





Conclusions:

- Aherence to DMARD-B was high in RA patients.
- ***** Adherence to the combination therapy was lower; being higher to DMARD-b than to DMARD-c.
- Non-adherence to this combination therapy does not appear to increase inflamatory activity.



