



# PRESCRIPTION ANALYSIS OF DIRECT ACTING ORAL ANTICOAGULANTS

Soto Baselga I, Rubio Cebrián B, Mañes Sevilla M, Solis Olivares J, Bertrán de Lis B, Gómez Caballero E.P, Maroto García E, Bernias Rodríguez M.I, Sollano Sancho I, Morona Mínguez I, Moriel Sanchez C.

**SERVICIO DE FARMACIA. HOSPITAL UNIVERSITARIO DE MÓSTOLES.**

## BACKGROUND

The use of direct-acting oral anticoagulants (DOACs) has increased in recent years. Their posology and adverse effects require pharmaceutical monitoring in order to guarantee effective and safe treatment.

## AIM AND OBJECTIVES

Analyze the prescription and utilization criteria of DOACs in clinical practice as well as the acceptance of the pharmaceutical recommendations made.

## MATERIALS AND METHODS

Longitudinal prospective descriptive study of patients treated with apixaban, rivaroxaban and dabigatran, admitted in a second level hospital: September 2018 – March 2019.  
Source Information: Electronic medical history.

## RESULTS

73 patients

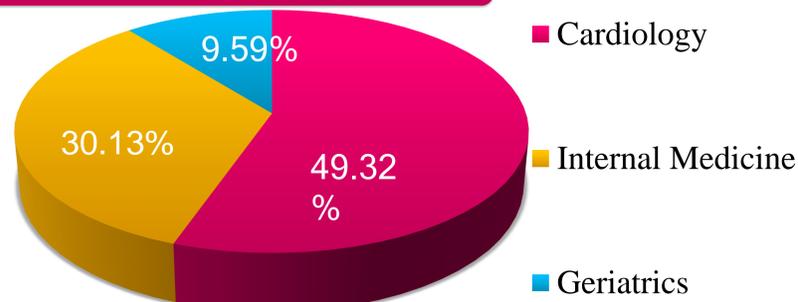
- 50,68% ♀ 49,32% ♂
- 82 years median age (IQR 73-87)
- 97.26% with atrial fibrillation
- 90.41% had the treatment funded by the national health system.

DRUG	PATIENTS:
Apixaban	50.68%
Dabigatran	30.14%
Rivaroxaban	19.18%

### Previous treatment:

- 80.82% acenocoumarol
- 5.48% DOACs
- 13.70% has not received previous treatment.

### Prescriber Services:



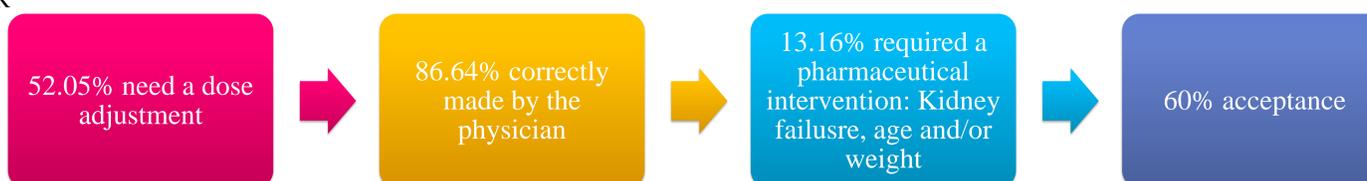
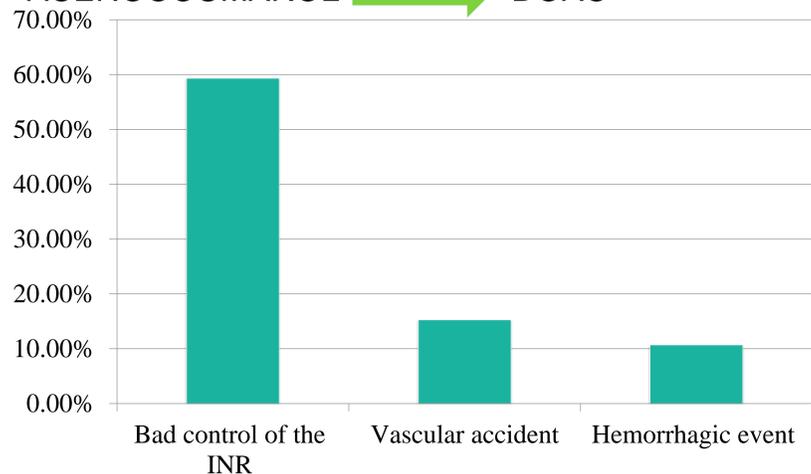
### RIVAROXABAN → APIXABAN

- Chronic kidney failure (33.33%)
- Age adjustment with kidney failure (33.33%)
- Hematological data altered (33.33%)

### DABIGATRAN → APIXABAN

- Gastritis

### ACENOCOUMAROL → DOAC



## CONCLUSIONS

The most DOAC used is apixaban, prescribed mainly by cardiologists to patients with atrial fibrillation, as opposed to the acenocoumarol, mainly prescribed by hematologists. Most patients had previously been treated with acenocoumarol, failing on the treatment due to bad INR control. Most had the treatment funded by meeting funding criteria. Dose adjustments were actually carried out, receiving a highly acceptance.