- cardiovascular mortality, dementia, and heart failure

- 2014
- follow-up was Prospective obtained telephone interview using questionnaire
- were excluded from the analysis
- younger cohorts
- and *Non-warfarin* group (Figure 1)



Figure 1. Flow diagram with patient selection and study criteria.



Characteristics of Warfarin Underprescription in Older Adults with Atrial Fibrillation

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> **Figure 3.** Multivariate analysis assessing predictors of being discharged on warfarin in patients ≥ 75 years old.

- included 1055 patients

- CHA_2DS_2 -VASc score increased (p = <0.001)
- 0.16) (Figure 2)

- regardless of their CHA₂DS₂-VASc score
- and aspirin prescription

- patients with AF or AFI

Results

Older cohort included 933 patients (and the younger cohort)

 Older cohort was less likely to be discharged on warfarin, despite a higher mean CHA_2DS_2 -VASc score (p < 0.001)

• The younger cohort had higher rates of warfarin prescription as CHA_2DS_2 -VASc score increased (p = <0.001)

Higher rates of warfarin prescription in younger cohort as

 Older cohort, had no statistically significant difference between CHA_2DS_2 -VASc score and warfarin prescription on discharge (p =

 Multivariate analysis demonstrated warfarin prescription in older adults was independently associated with lower rates of aspirin prescription, lower body mass index (BMI), and relative anemia

 Additionally, there was no difference between mean CHA₂DS₂-VASc score and warfarin prescription (OR = 1.06 (95% CI 0.93 -1.21, p = 0.388)) in the older cohort (Figure 3)

Conclusions

 Although there is enough evidence of anticoagulation benefits in older adults with AF and AFI, underprescription remains high

Our study suggests that certain patterns associated with underprescription include the presence of anemia, low weight,

 There may be hesitancy from clinicians to anticoagulate elderly patients when perceived risks outweighs benefits

 Patterns of anticoagulation underprescription can shed light on these patients who are already at the highest risk of TE events and have proven to benefit from therapeutic anticoagulation

 Careful assessment of benefits and risks, along with shared decision making, are necessary for optimal care of these older