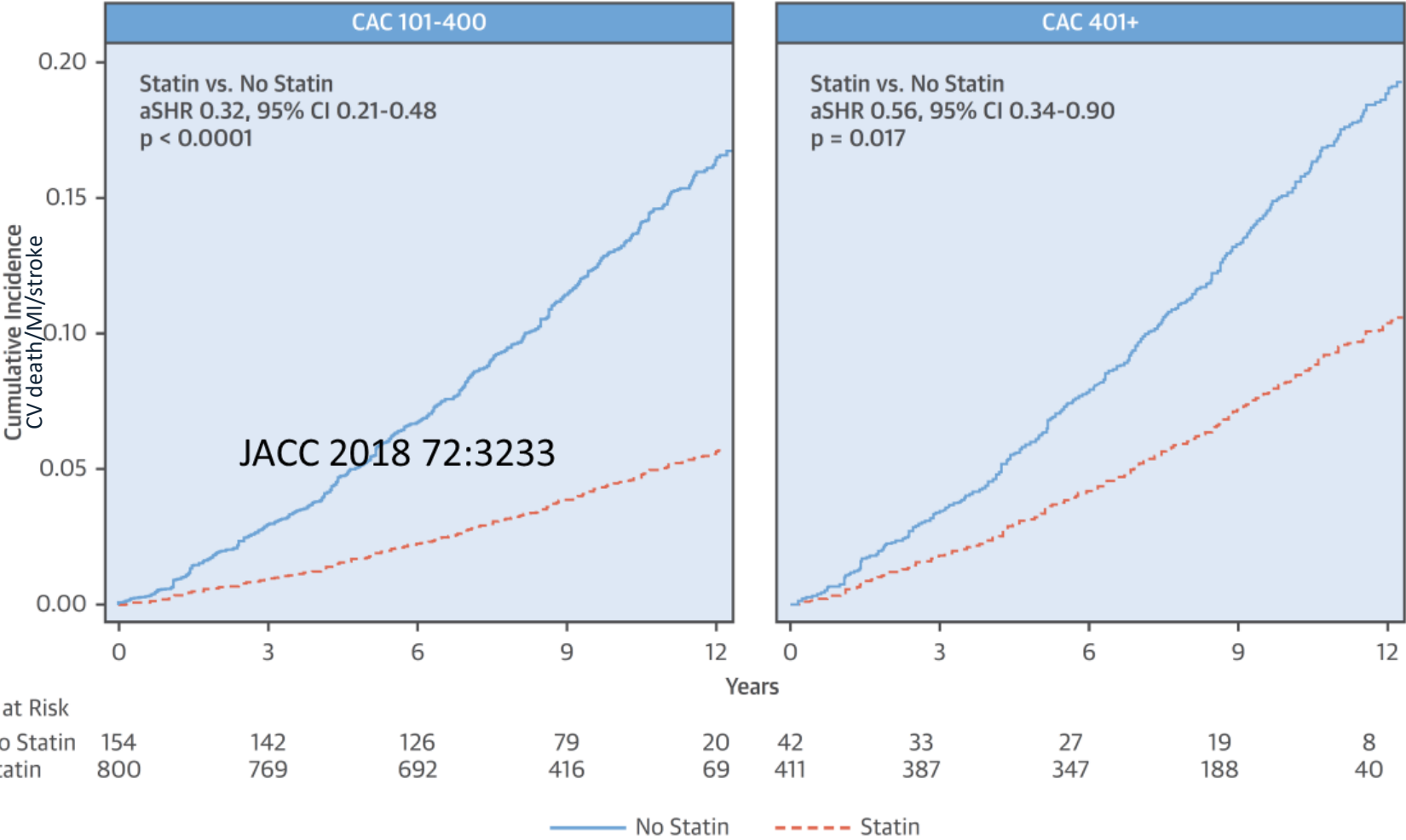


# Walter Reed Registry

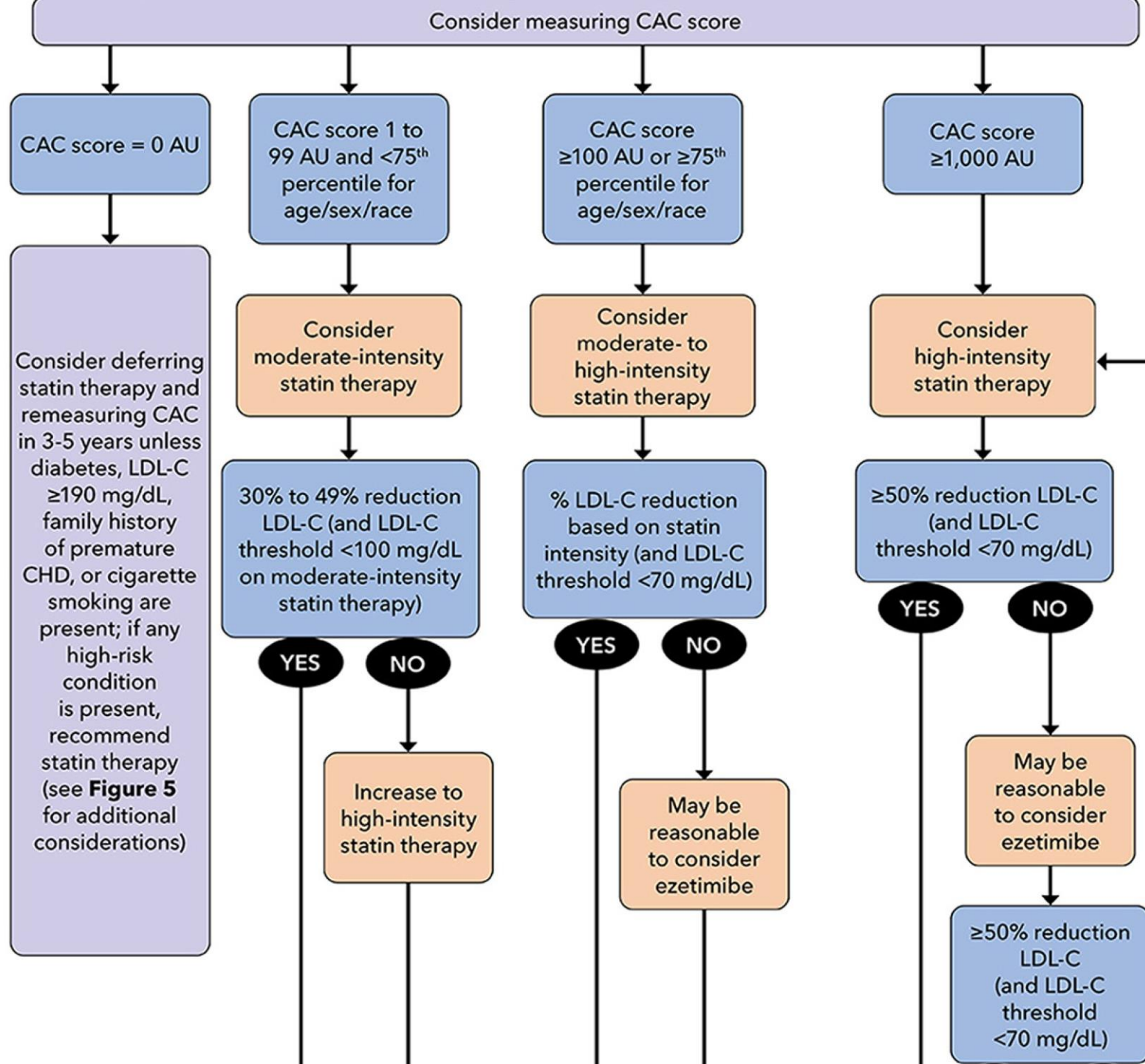
People with high CAC scores have fewer ASCVD events if taking a statin.



Mitchell JD, et al. JACC 2018;72:3233. N=13,644 (mean age 50; 71% men) 9.4-year median follow-up.



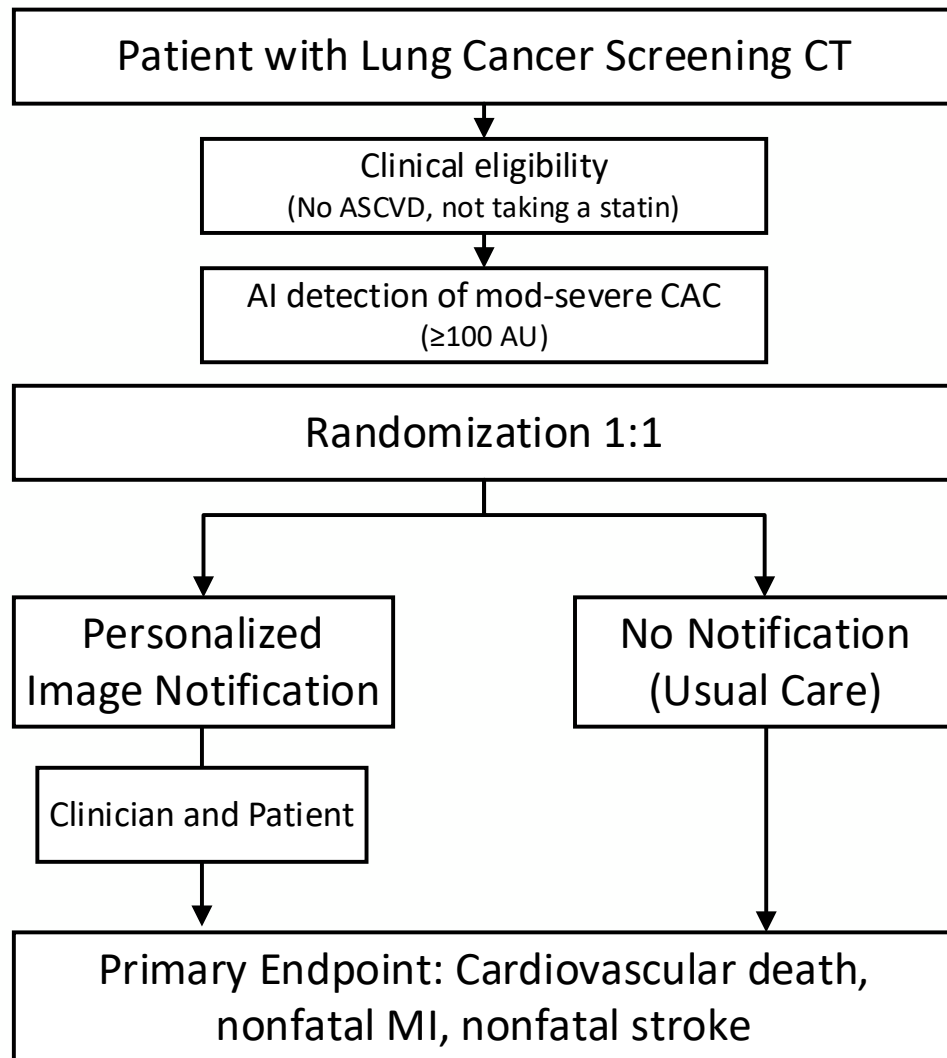
2022 ACC Expert Consensus Decision Pathway on the Role of Nonstatin Therapies for LDL-Cholesterol Lowering in the Management of Atherosclerotic Cardiovascular Disease Risk



## NOTIFY Trial Specific Aim

To determine whether notification of patients and clinicians of the presence of incidental CAC (score  $\geq 100$ ) on a CT scan performed for lung cancer screening reduces ASCVD events in statin-naïve patients without ASCVD compared with usual care.

# Trial Overview



Overall approach: High tech pragmatic trial with waiver of consent

- Eligibility determined electronically
  - PCORnet common data model (CDM) EHR query
  - Cloud-based AI CT scan review and CAC measurement
- Personalized CAC notification with images
  - MD via EHR messaging (e.g., MyChart)
  - Patient via text, email and US mail
- Outcomes determined electronically
  - PCORnet CDM EHR query
  - Third party CMS, insurance data vendors, NDI