ISAR-REACT 5, comment

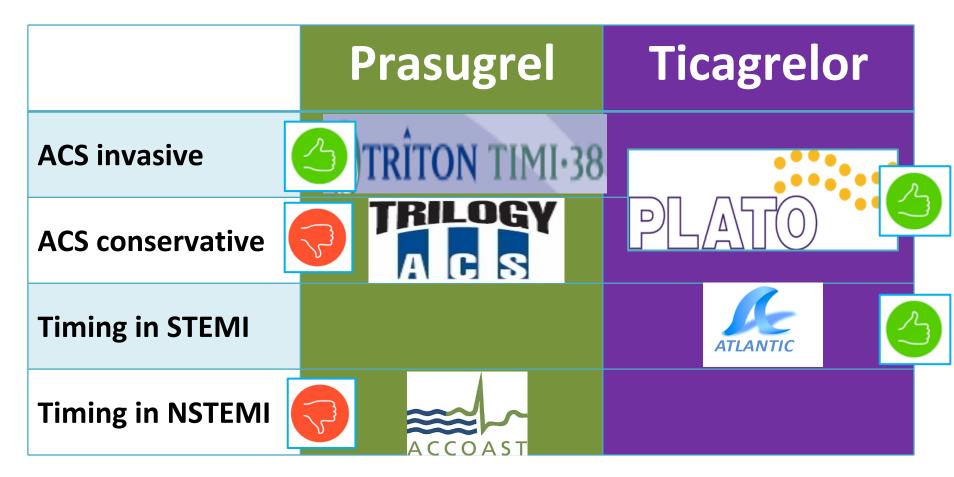
G. Montalescot

Institute of Cardiology,
Pitié-Salpêtrière Hospital, Paris, France



Declaration of interest

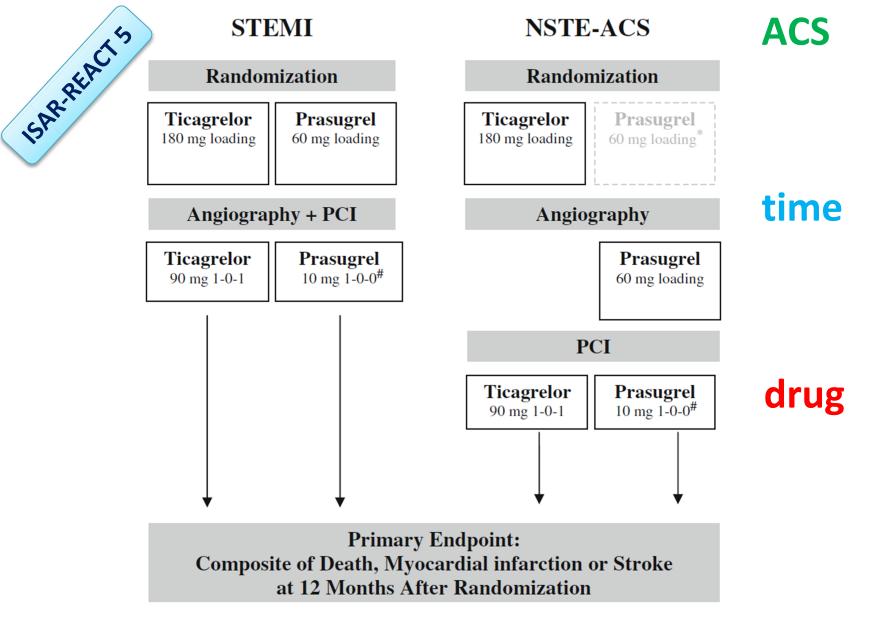
- Consulting/Royalties/Owner/ Stockholder of a healthcare company (public at www.action-coeur.org)
- Research contracts (public at www.action-coeur.org)



Wiviott SD et al. NEJM 2007;357:2001-15 Roe MT et al. NEJM 2012;367:1297-309 Montalescot G et al. NEJM 2013;369:999-1010

Wallentin L et al. NEJM 2009;361:1045-57 Montalescot G et al. NEJM 2014;371:1016-27







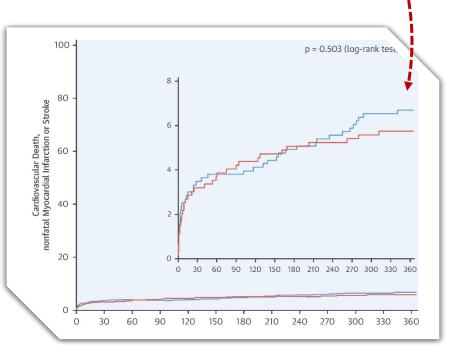


Randomization by envelopes
Open label
Not a drug trial
84% PCI
Superiority hypothesis for Tica



Academic study
Randomized
Stratification by ACS type
Pragmatic
CEC and core labs

13% event rate with prasu and RRR 22.5%



Motovska Z et al. Circulation 2016; 134:1603-1612 Motovska Z et al. J Am Coll Cardiol 2018; 71:371-81 Schulz et al, J Cardiovasc Transl Research 2014;7:91-100

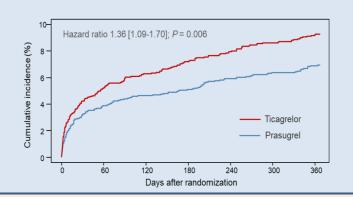


1st thoughts



Negative trial?

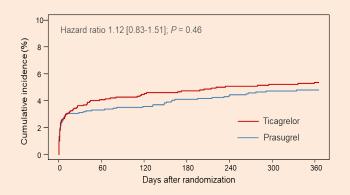
→ Informative trial!





Similar safety?

→ timing of administration in NSTEMI!?

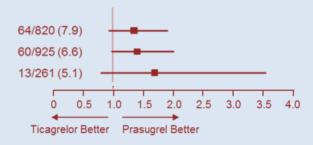




Consistency?

Clinical Presentation
STEMI
NSTEMI
Unstable Angina

83/833 (10.1) 81/930 (8.8) 20/249 (8.2)



2nd thoughts

One-size fits all strategy (tica) < Individualized strategy (prasu)



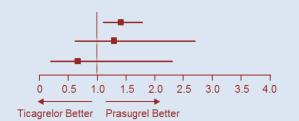
Excellent **PCI** drug (TRITON)

conservative

CABG

162/1676 (9.8) 17/285 (6.1) 5/47 (10.6)

120/1701 (7.1) 12/268 (4.6) 5/36 (13.9)



1.41 (1.11-1.78) 1.29 (0.62-2.70) 0.66 (0.19-2.30)



HBR \rightarrow adjust the **dose** down (TRILOGY)



Prasugrel 5 mg in patients ≥ 75 years of age or weight < 60 kg



In NSTEMI, do not pre-treat (ACCOAST)

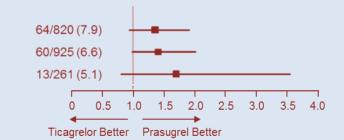
83/833 (10.1)





NSTEMI Unstable Angina

81/930 (8.8) 20/249 (8.2)



ISAR-REACT 5?

A landmark study!

