

# Discussion points for Dr. Ridker

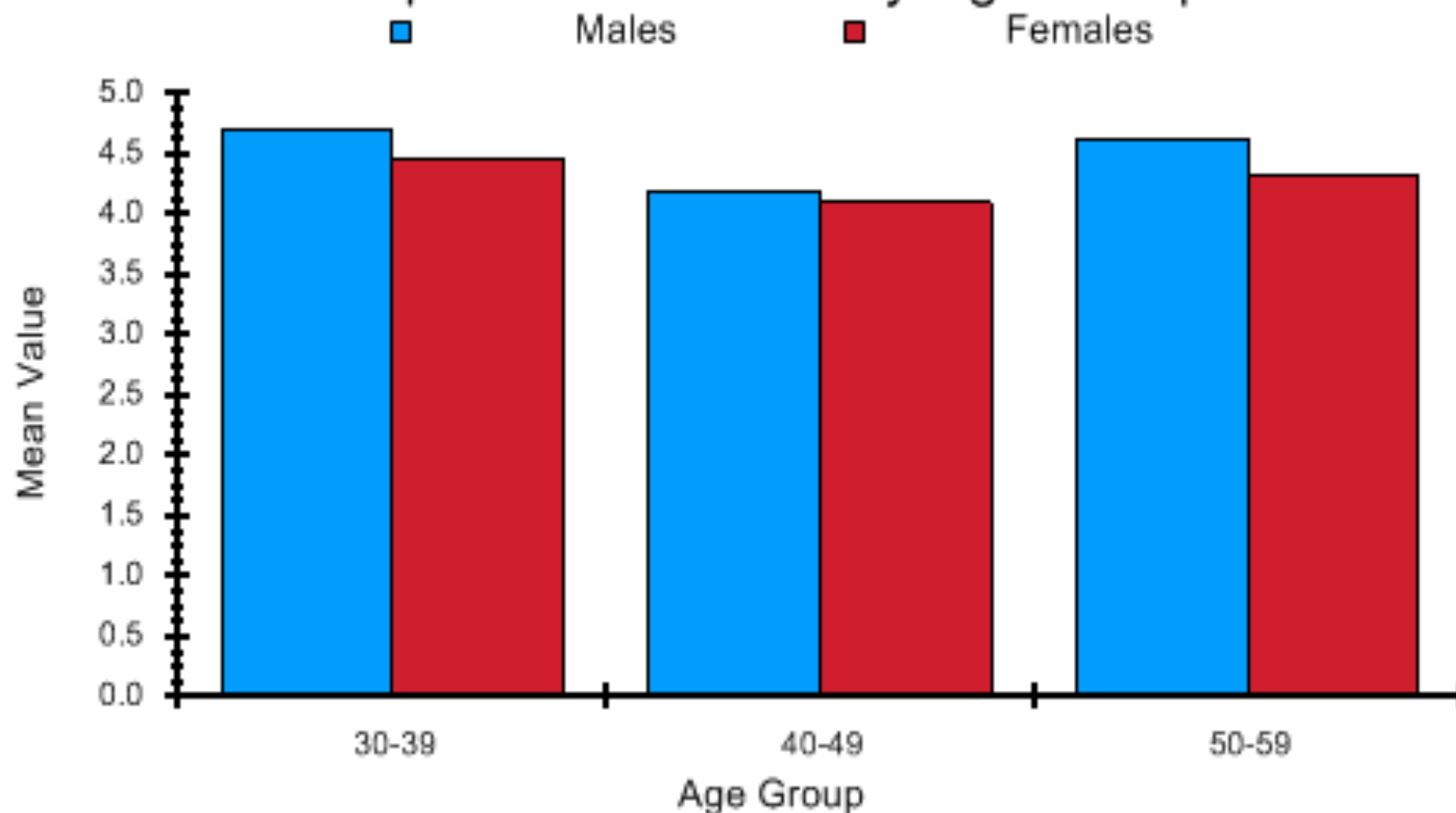
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Will the real normal serum  
cholesterol level please  
stand up!



# Cholesterol, Mean - mmol/l total cholesterol - Papua New Guinea by Age Group



Source: Scrimgeour EM et al. Levels of serum cholesterol, triglyceride, HDL-cholesterol, apoproteins A-I and B, and plasma glucose, and prevalence of diastolic hypertension and cigarette smoking in Papua New Guinea highlanders, 1989 (<http://www.who.int/infobase>

IBRef: 100631)

# Jupiter Patients: Lipids and Other CAD Risk Factors

- Total cholesterol ~ 186 mg%
- HDL cholesterol ~ 49 mg%
- LDL cholesterol ~ 108 mg%
- Other important CAD risk factors:
  - 41% had metabolic syndrome;
  - 11% had a FH of premature CAD;
  - 16% were smokers;
  - mean age = 66 years;
  - BMI ~28.4.

# Lipids in 20 Normal Bangladeshi Males

- Total cholesterol = 168 mg%
- HDL cholesterol = 38 mg%
- LDL cholesterol = 109.9 mg%
- Triglycerides = 146.7 mg%
- BMI = 24; mean calorie consumption = 2100 cal/day; mean age 38.3 years

East. Mediter. Health J. 2004; 10: 131-137.



# Lipids in 974 Lower Middle Class Pakistani Males and Females, ages 18- >70 years

- Males – total cholesterol = 165.8 mg%;  
BMI = 20.8.
- Females – total cholesterol = 173.2 mg%;  
BMI = 21.5.

East. Mediter. Health J. 2005; vol 11, no. 3.



Was this really a primary prevention trial when so many patients were at high risk for CAD?



The JUPITER population was highly selected, i.e., no diabetics or pts previously treated with statins or pts with poorly controlled HTN or pts with elevated creatinine values, SO...



Are the data really  
relevant for the clinical  
management of an  
average patient seen in a  
PCP or cardiology  
practice?



Aren't you worried by the fact that the trial was stopped early? Perhaps, the results might have been different if the trial had continued as planned.



Question based on recent late breaking trial results from JUPITER at the ACC meeting in Orlando, Florida, last week

Is the reduced rate of DVT seen with roxustatin a specific effect of this statin or do you think this is a drug class effect resulting from the anti-inflammatory properties of statins?

