



Presentation

Cardiac symptoms (often varying from day to day) in young patients or in patients without other CV disease

May be asymptomatic with or without a murmur

ECG is abnormal in 95%

(LVH and/or ST-T)







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4/8/24







































Sample Size Calculation Compare rate of SCD in general population of patients with HCM to expected and observed rates of SCD among athletes with HCM • Assume general (non-athlete) population HCM SCD rate = 0.8% • Power to detect the difference - 80% at p=0.05 **HCM** Deaths in Athlete Non-athlete N needed in <u>each</u> **Anticipated years** Athletes HCM SCD Risk **HCM SCD Risk** study group to complete (%) (%) 3 (predicted) 0.938 0.8 33389 100 years 4 (observed) 1.25 0.8 3550 10+ years





