

2nd Annual CSRC Think Tank on Prevention of Sudden Cardiac Death in the Young

Developing a Rational, Reliable, and Sustainable National Health Care Resource

Onward from Think Tank 2

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Thoughts on Screening

- Mass screening occurs everyday in the US
- Public health problem
- Multilevel screening process
- False negatives could lead to tragic event
- False positives could lead to inappropriate restriction from participation and have social and psychological impact
- Registry/data warehouse exists and identifies positives

Mass screening occurs every day



Transportation
Security
Administration

Mass Screening

- 1.73 million people flying per day
- 19 hijackers in 2001
- $1.73 \text{ million per day} * 365 = 631,450,000$ people per year
- $19/631,450,000 = 0.000000003$ hijacker/year = ?risk
- Assume 1000x number of hijackers (US only) who want to get through
- $19000/631450000 = 0.00003$ hijackers/year
- "risk"= (approximately 3 per 100000 - approx equivalent to SCD athletes)

Mass Screening Success (?)

- 2015 report TSA 95% failure rate of detecting threat
 - 5% detection rate
 - \$7 billion spent per year on TSA.
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- We can do better

Thank you

