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Australian Army recruit training course length and recruit injury rates

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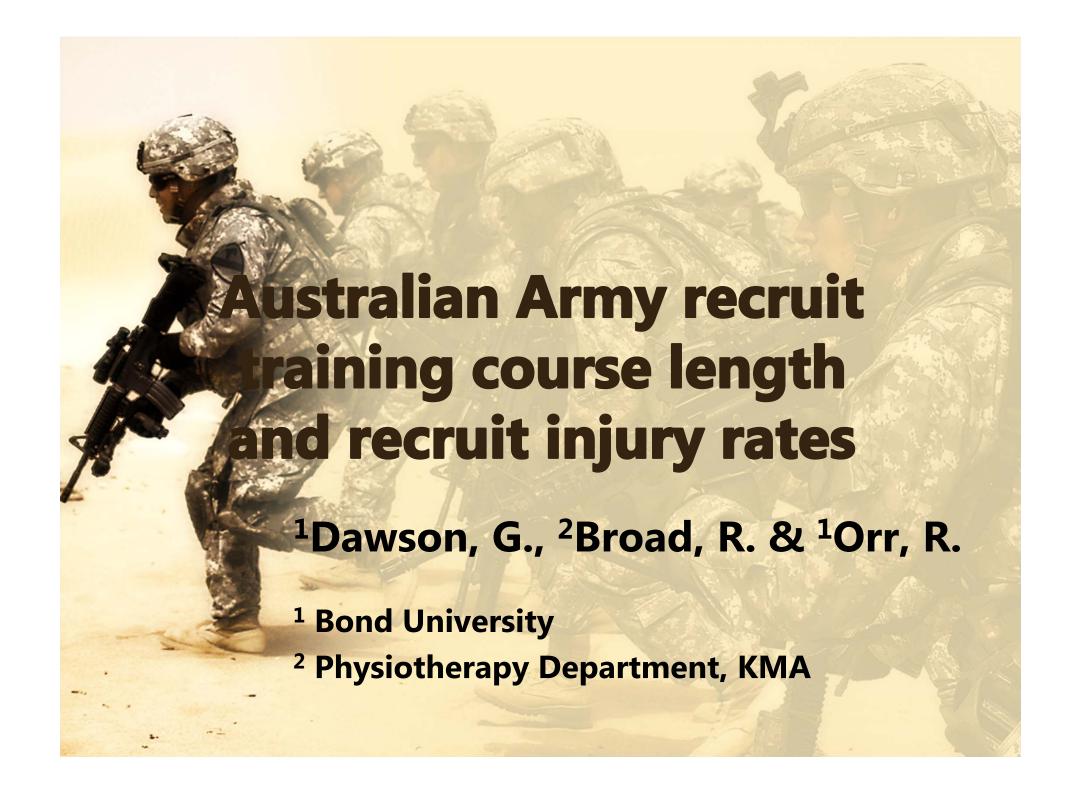
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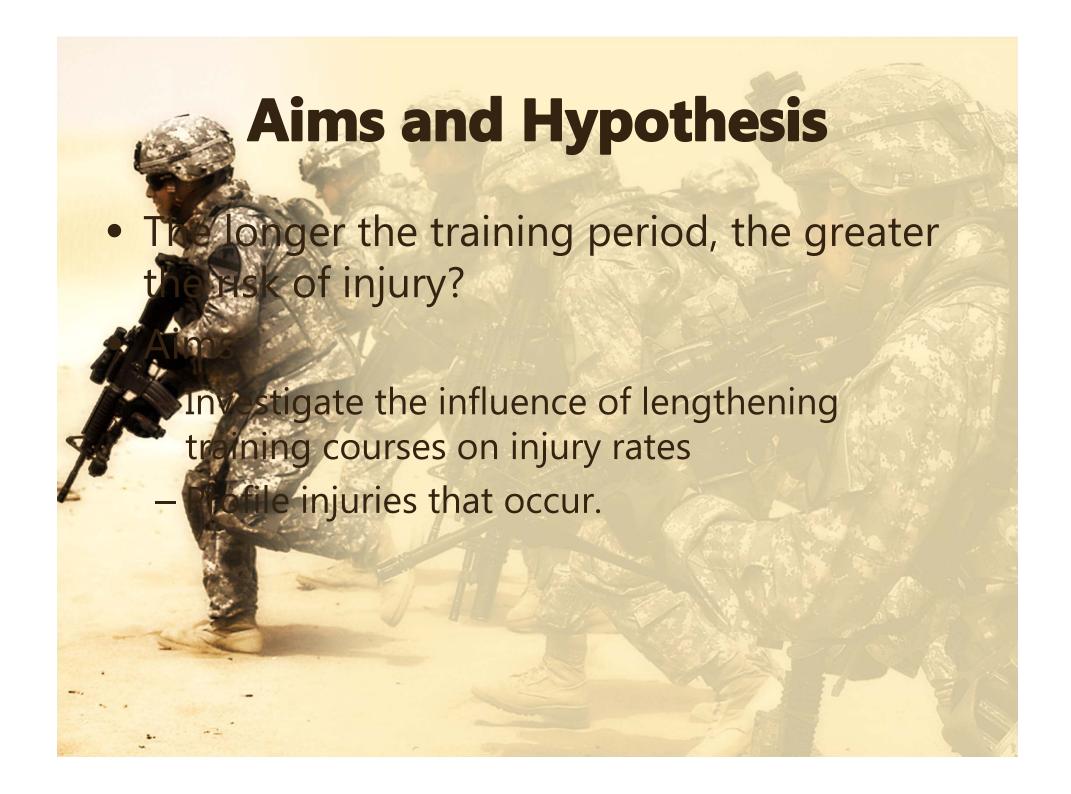
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Participants

inticipants:

Australian Regular Army recruits attending Basic Recruit training at Kapooka

ruits were randomly selected for each course

Course	Number of Platoons	Number of Recruits	Male Recruits	Female Recruits
ASC	2	73	56	17
ARC	4	194	152	42
Total	6	267	208	59

Methods

• Decrecorded during two different Army recruit training courses over 1 year period (2013)

(80 d) / ASC (100 d)



In Prevalence

completing respective course x 100

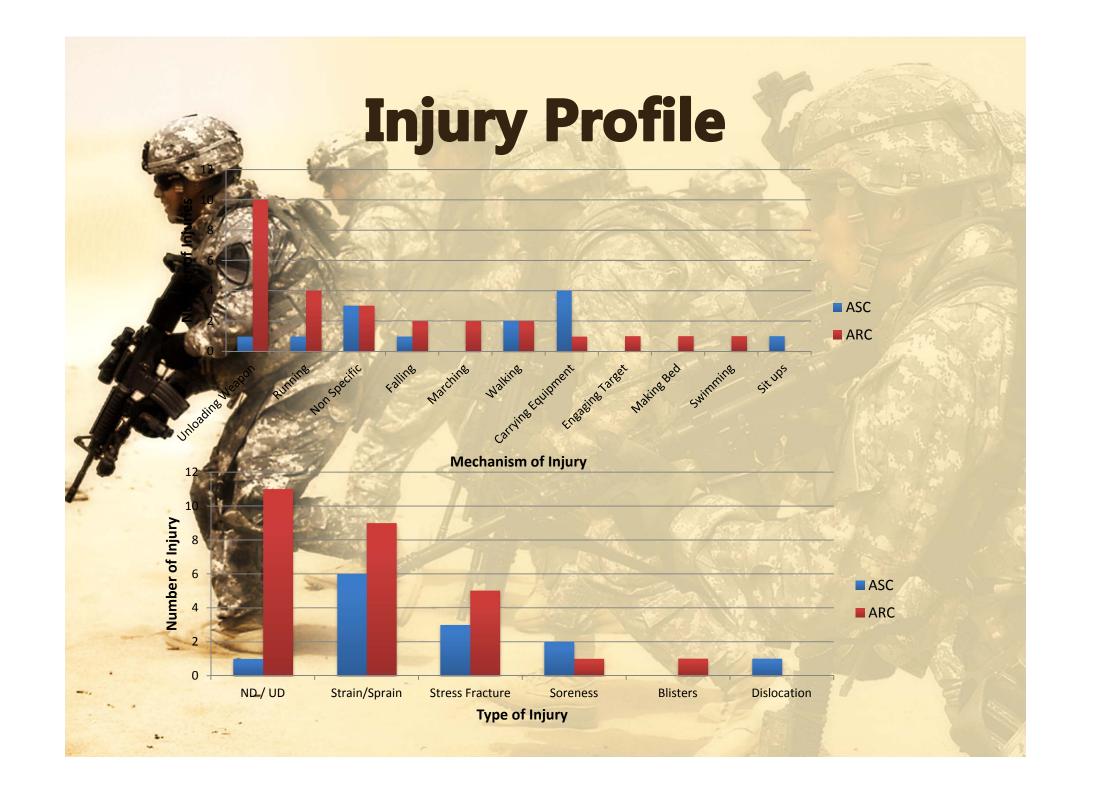
Injury Incidence

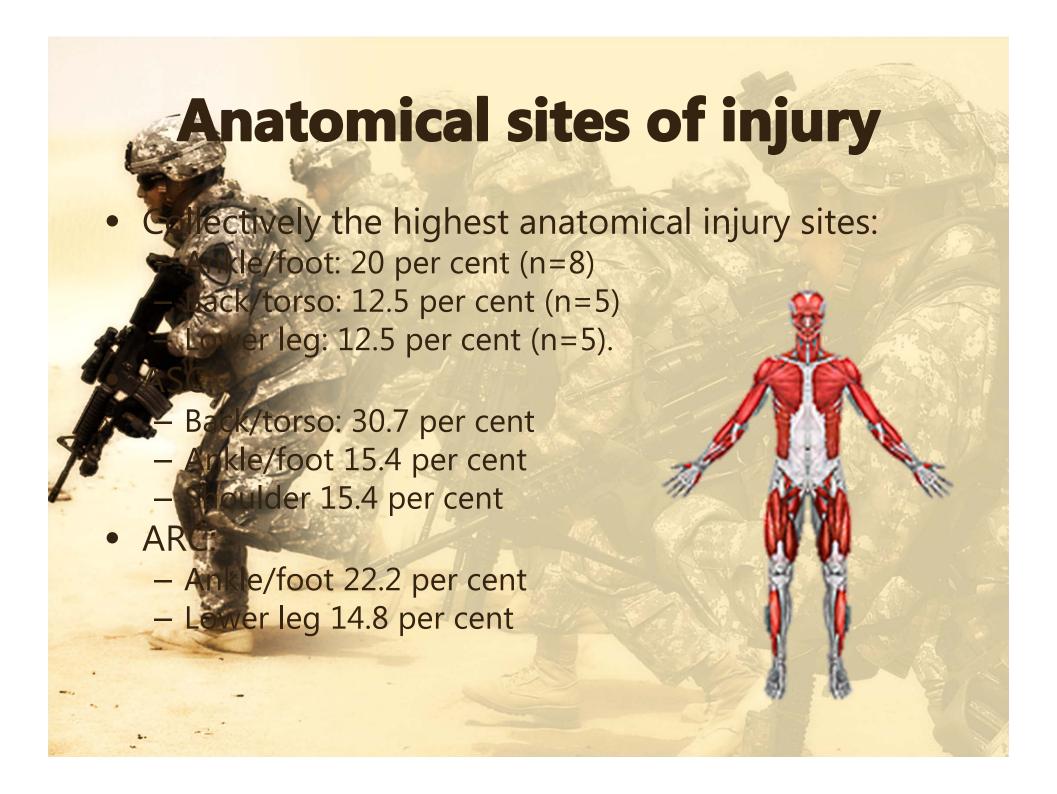
Number of injuries / number of recruits completing the respective course / course length in days



- Injury prevalence:
 - ASC: 17.8 per cent
 - ARC: 13.9 per cent

- Injury incidence:
 - ASC: 17.8 / 100 soldiers / 100 days
 - ARC: 17.4 / 100 soldiers / 100 days







- As had notably higher prevalence of injuries cared to ARC
 - rever when looking at cohort size and exposure ing, both courses had similar incidence rates
 - revealed much lower prevalence and incidence rates

Havenetidis et al (2011):

233 male Greek army recruits, 7 week course

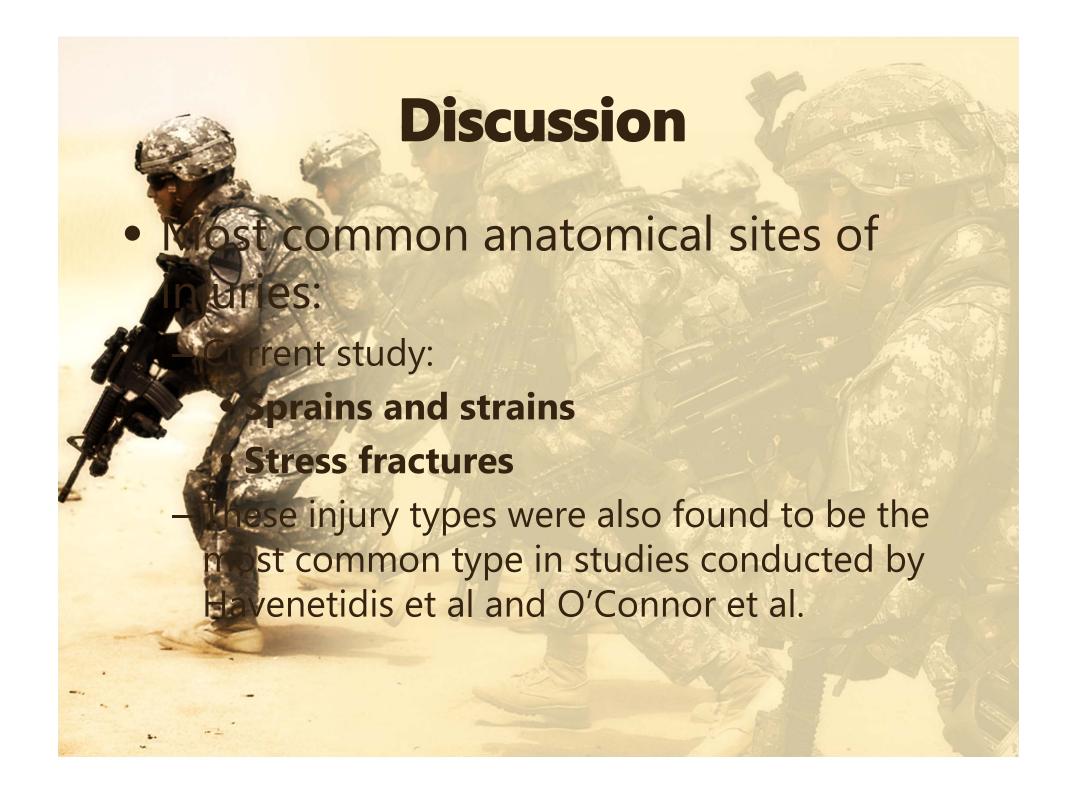
28.3% prevalence

Connor et al (2000):

480 Marine Corp officers, 6 week course

60.7% incidence

3.9 injuries per 1,000 person hours of physical training



Conclusion / Take Home Message

when injuries took into account on contact of income incom

The considering the ASC against the ARC requits are no more likely to be injured on on course over the other

 When investigating injuries based on time periods, exposure to the risk needs to be taken into account



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