A review of current PES practices across NATO nations and a "best practice" for the development of Physical Employment Standards, with consideration of Combat Integration

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University Chichester Physical Employment Standards (PES) are used for selection and retention of employees that are capable of safely and effectively completing their rolerelated job tasks.



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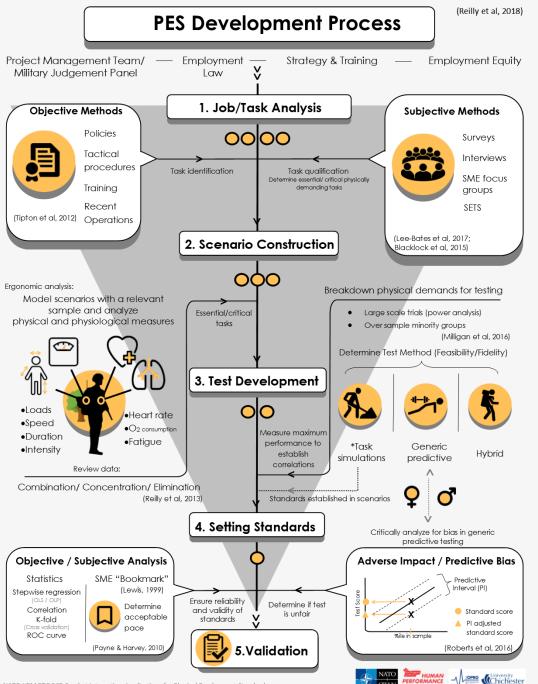
Physical Training Thermal Strain Evaluation

Specialist Role Tests Physical Activity Exposure

Nutritional Strategies

Fitness Tests / Physical Employment Standards

> Job Task Analysis



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Step 1 - Job Task Analysis



Step 2 – Scenario Construction

Ergonomic analysis:

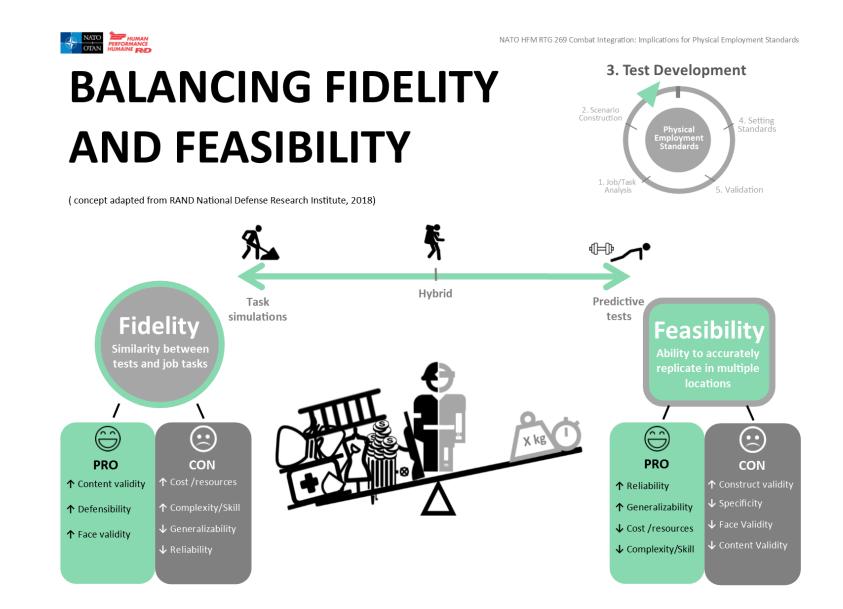
Model scenarios with a relevant sample and analyze physical and physiological measures



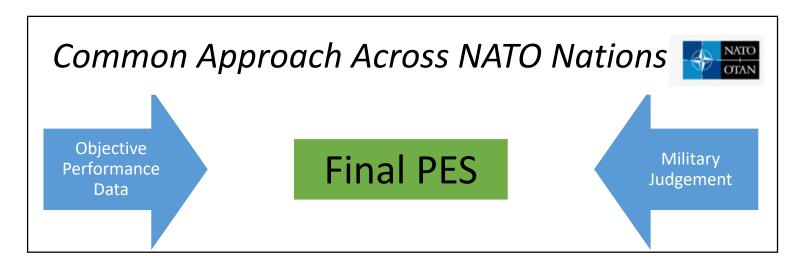
Considerations

- Single vs. Team Simulations
- Pacing
- Performance outcome (e.g. completion, time, distance)
- Method of Task Delivery
- Participant sample characteristics
- Environmental Conditions

Step 3 – Test Development



Step 4 – Standard Setting Task Simulations

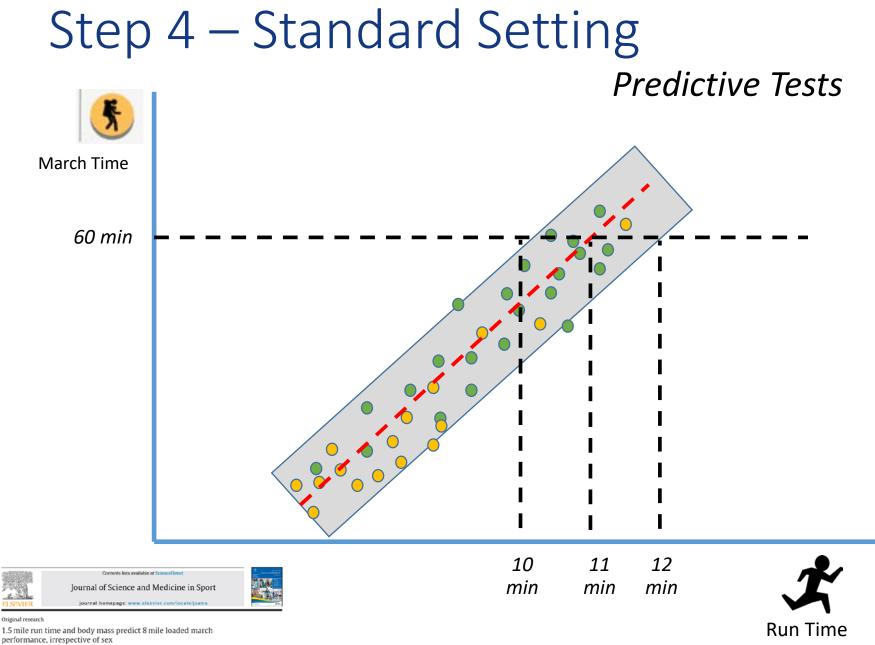


Example of British Army PES Task Simulations



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https://www.army.mod.uk/physical-employment-standards/

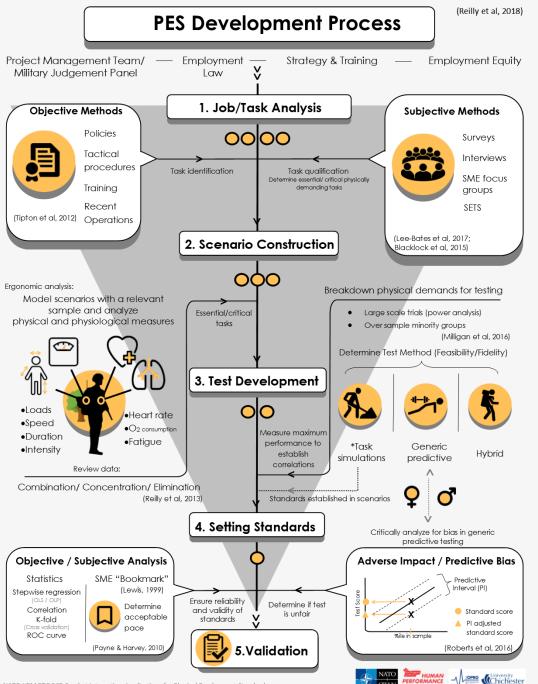


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Step 5 – Validation

- Impact analysis pass/fail in serving personnel
- Ongoing data collection and review
- Periodic review of Job Task Analysis (~2-5 years)
- Effect of modifications to physical training on PES



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