

## Clothing and Individual Equipment for the Female Soldier: Developing a Framework to Improve the Evidence Base which Informs Future Design and Evaluation.

### SEARCH METHODOLOGY

The scoping work reported in this manuscript required a search of published literature and government internal reports. Studies intending to understand or improve Clothing and Individual Equipment (CIE) for women were considered (Figure S1). The requirement for and design of CIE has changed significantly over the last decade. As such, the search was limited to studies conducted in the past 15 years. The current investigation focussed on research that identified female participants, referring to the biological or physiological factors associated with female sex.

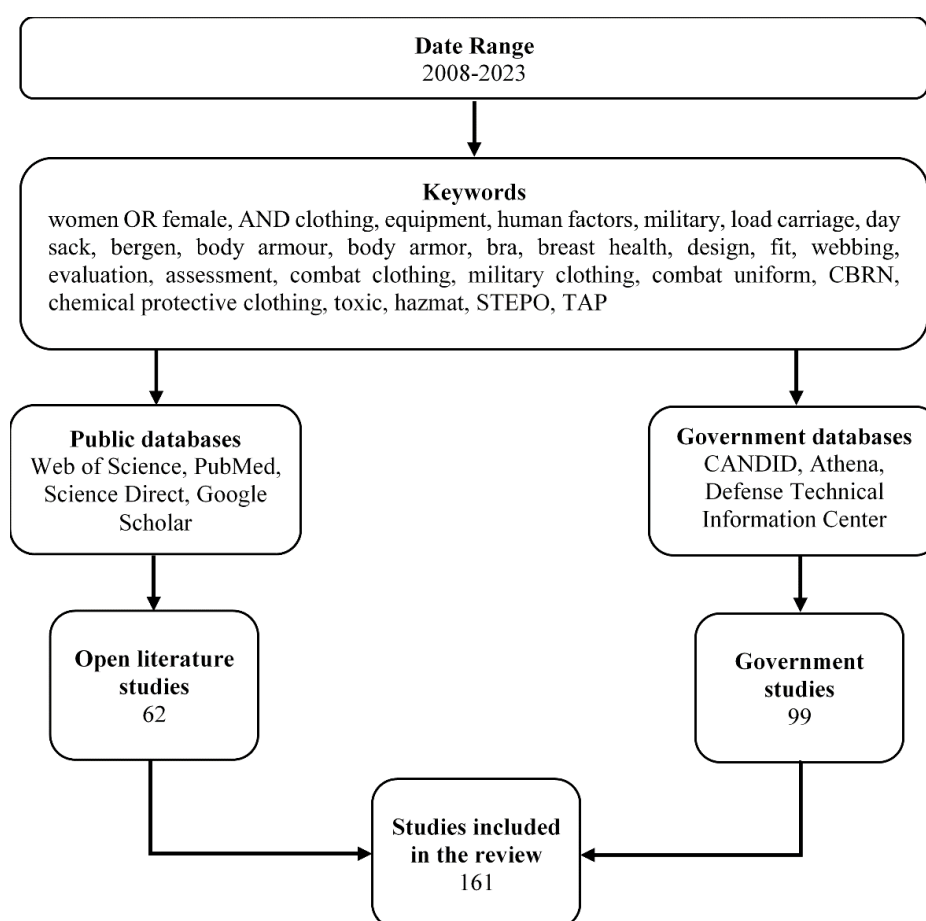


Figure S1: Summary of literature search method and outcomes. This method was adopted to achieve a consistent approach across the nations and government organisations.

Figure S2 summarises the number of studies identified for different CIE items. Body armour, load carriage and clothing were the most prevalent items cited in the literature. As such, the work reported in the manuscript has summarised the key findings for these three CIE items. The other items of CIE were considered as part of the wider project and outputs reported in a TTCP summary report.

Note that the recommended framework proposed in the manuscript can be applied to all CIE items.

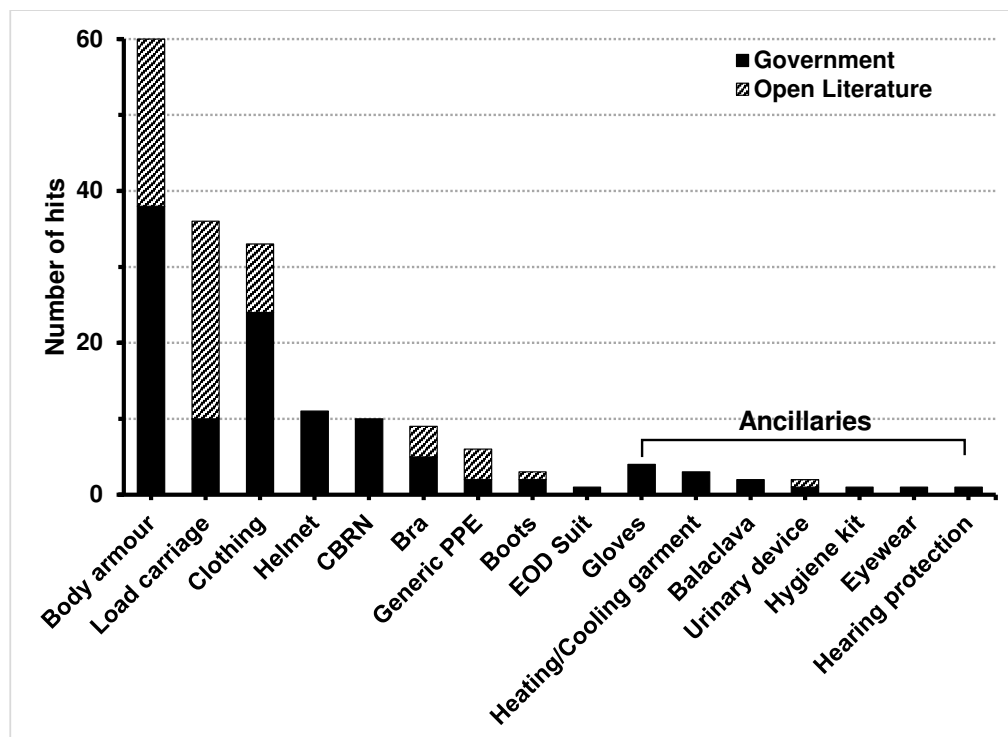


Figure S2: Number of hits identified for each CIE item. If a publication included multiple items of CIE, a hit was recorded for each item. The numbers shown represent both government reports and open literature studies. Note: CBRN - Chemical Biological Radiological Nuclear, EOD - Explosives Ordnance Disposal, PPE - Personal Protective Equipment.

## FULL BIBLIOGRAPHY

Due to journal publishing requirements, it was not appropriate to cite all literature which has informed scoping work in the main body of the manuscript. As such, a bibliography is provided which highlights studies reported in the open literature as well as studies published as government reports.

Note that it is not standard practice to publish the outcomes of government led CIE test and evaluations. Government research studies may remain unpublished to protect intellectual property or for security reasons.

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