**Literature search strategy**

The PICO (**P**opulation/**P**atient/**P**roblem, **I**ntervention, **C**omparison, **O**utcome) framework is commonly used to develop focused *clinical questions for quantitative* systematic reviews.

| **Topic** | **Population/Patient/Problem**  *What are the characteristics of the patient or problem? What is the condition or disease you are interested in?* | | **Intervention**  *What do you want to do with this patient/problem (e.g. prevent, control, mitigate, treat, diagnose, observe)?* | **Comparison**  *What is the alternative to the intervention (e.g. no intervention, placebo, different drug, surgery)?* | **Outcome**  *What are the relevant outcomes (e.g. injury, morbidity, death, complications)?* | **Search query (in PubMed)** |
| --- | --- | --- | --- | --- | --- | --- |
| **P**opulation | **P**roblem |
| Wellbeing / mental health | Work\*  Workers  Workplace  Occupation\*  Organisation | Mental health  Mental well-being | Intervention\*  Prevent\*  Control\*  Strateg\*  Manag\*  Program\*  Assess\*  Mitigat\* | Pre-intervention  No intervention group (Business as usual) | Injuries  Incidents  Absenteeism  Return to work  Compensation claim  Prevention | ("Mental Health"[Mesh] OR "Burnout, Professional"[Mesh] OR "Burnout, Psychological"[Mesh] OR ("mental"[ All Fields]) OR ("burnout"[ All Fields]) OR ("psychosocial"[ All Fields])) and ("Workplace"[Mesh] OR "Workplace"[ All Fields])) and (("interven\*"[All Fields] OR "prevent\*"[All Fields] OR "control\*"[All Fields] OR "strateg\*"[All Fields] OR "manag\*"[All Fields] OR "program\*"[All Fields] OR "mitiga\*"[All Fields]) |
| Aged/Disability care[[1]](#footnote-2) | +  Aged  Disability  Care\*  Provider  Service  Client  Home\*   * Remote\* * Offsite \* * Gig \* | Risk  Hazard  Environment  Location  Violence  Abuse  Harassment  Bullying  Stress  Psychosocial  Burnout | +  Safe\*  Training  Guidelines  Tools  Framework  Technology  Platform | +  Traditional  Gig\* / Digital / online | +  Awareness  Knowledge | ("Violence"[Mesh] OR "Harassment, Non-Sexual"[Mesh] OR "Sexual Harassment"[Mesh] OR "Physical Abuse"[Mesh] OR "Emotional Abuse"[Mesh] OR "Bullying"[Mesh] OR "Mental Health"[Mesh] OR "Wounds and Injuries"[Mesh] OR "Burnout, Professional"[Mesh] OR "Burnout, Psychological"[Mesh] OR ("violence"[ All Fields]) OR ("harassment\*"[ All Fields]) OR ("abuse"[ All Fields]) OR ("bully\*"[ All Fields]) OR ("mental"[ All Fields]) OR ("injur\*"[ All Fields]) OR ("burnout"[ All Fields]) OR ("psychosocial"[ All Fields])) and ("Workplace"[Mesh] OR "Workplace"[ All Fields]) and ("Home Care Services"[Mesh] OR "Home care service"[ All Fields]) |
| Scaffold safety / construction | +  Construction  Building  Scaffold  Public | Slips, trips and falls  Scaffold tempering  Scaffold collapse | +  …  Sensor  Wireless  Tamper-proof  IoT (internet of things)  Smart solutions | +  Smart\* | +  Safety |  |
| Culturally and linguistically diverse workers’ WHS | +  CALD  Low literacy  Non-English |  | +  …  Translat\*  Interpret\* | +  … | +  …  WHS compliance  Hazard identification and reporting |  |

1. Common hazards: https://www.worksafe.vic.gov.au/aged-care-safety-basics [↑](#footnote-ref-2)