Methods Scientific evidence from recently published reviews, including a recent review our team completed, will be synthesised. Evidence from practitioners’ expertise and worker experiences are being collected using a web-based survey, focus groups, and interviews with representatives from various stakeholder groups from multiple sectors. We are using the Public Health Agency of Canada’s best practices portal to structure data collection of workplace practices and policies. We are synthesising the evidence gathered from stakeholders with that from recently published systematic reviews.

Result Recent systematic review results revealed 61 high and medium studies addressing MSD. The studies described 30 different intervention categories. There was strong evidence that resistance training has a positive effect and moderate evidence that stretching, using a feedback mouse, and workstation forearm supports have positive effects. However the level of evidence was too low to make recommendations for many other interventions. The survey and interview/focus groups to collect practice-based evidence are ongoing.

Discussion The presentation will focus on current policies and practices described by our practitioner and workplace audiences as compared to the scientific evidence. The discussion will outline the synthesis of evidence and co-creation (with OHS stakeholders) of a practical guide to help workplaces develop and implement effective practices and policies to prevent MSD and help workers with MSD return to work safely.

Introduction Globally, it is vital to create office ergonomic awareness amongst corporate employees with emphasis on ergonomic arrangement of workstations, maintaining ideal work postures, optimising chair functions and performing desk stretches.Objective is to promote safer working by exploring cost-effective communication methods to achieve behaviour change.

Methods Invitation was sent to all employees to take up online Nordic questionnaire, a screening tool for musculoskeletal problems. After completing, employee is guided to animation graphics, n=203. Study is currently being undertaken in Pakistan and India (results to be shared subsequently).

Results Approximately 10% employees had some musculoskeletal symptoms. 85% of the symptomatic had chronic musculoskeletal symptoms of 1 year duration. However, only 40% of these employees had ongoing symptoms at the time of evaluation (past 7 days). A subsequent 3 months evaluation after web-based intervention showed a significant 35% decline in ongoing symptoms. Behavioural interventions responsible for this decline were attributable to:

- 70% employees could arrange their workstation ergonomically, as against 49% pre intervention.
- 83% employees performing desk stretches as against 59% pre intervention.
- 70% of the employees taking rest breaks as against 65% pre intervention.
- 97% employees reported animation graphics were educative and motivating.

Discussion The web – based evaluation appears to be an excellent, cost-effective method bringing about desired behaviour change in ideal work-posture maintenance. Hence, newer technology using web based animation graphics is a highly efficient tool to create office ergonomics awareness and has the potential to become a best practice in countries where language is a communication barrier and an on-site visit is not feasible.