# Benefits of Be<sup>U</sup>pstanding<sup>™</sup> for **Musculoskeletal Discomfort**

#### Lower-back pain is a common problem for Australian workers



#### **4.0 MILLION** Approximately 16% of

Australians live with chronic back problems.<sup>1</sup>

#### \$4.8 BILLION Back pain costs the

Autralian health system \$4.8 billion each year.<sup>1</sup>

#1

Back pain is the number 1 reason for lost work productivity and early retirement.1



Desk-based workers are exposed to high levels of sitting, and sitting for long periods at a time (30 minutes or more). As well as posing risks for their health and wellbeing in general, this may contribute to their experience of lower back pain. Sitting less and moving more at work may help address these risks.

## BeUpstanding reduces musculoskeletal discomfort in the workplace

The BeUpstanding program is a free online toolkit that aims to help desk-based workers to sit less and move more, while improving workplace engagement and productivity.

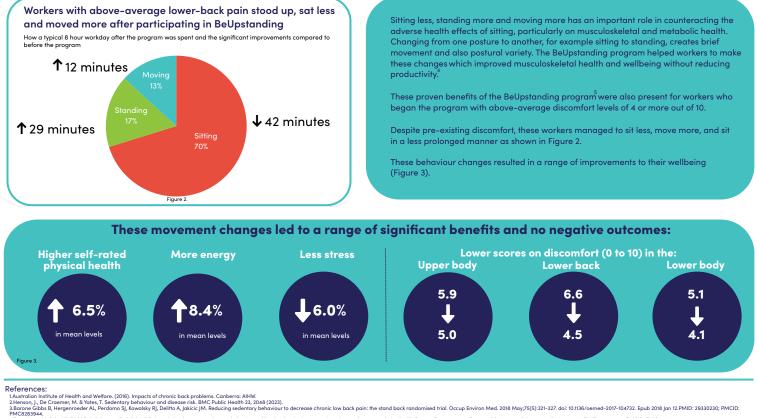
The program raises awareness of the benefits of sitting less and moving more and create a culture of sustainable change through teams collectively choosing strategies to support these behaviours tailored to their work team and context.

Targets are for workers to achieve a 50:50 split between sitting and upright activities during work hours and to alternate sitting/upright posture at least every 30 minutes. Increased incidental movement throughout the day is also encouraged through the move more messaging.

#### When evaluated in workplaces across Australia as part of a national implementation trial: Before BeUpstanding, most participants After participating in the BeUpstanding program, average discomfort levels decreased significantly, reported some musculoskeletal across all three body areas. discomfort.

Participant scores of discomfort (0 to 10) over the last 7 days Significant % reporting discomfort Before BeUpstanding After BeUpstanding improvement in the last 7 days  $\checkmark$ Upper body 87% 4.7 3.6  $\checkmark$ Lower back 79% 3.9 3.7 Lower body 78% Ø 4.7 4.5 Figure 1.

# Desk-based workers with lower-back discomfort benefit from BeUpstanding



ABaradaron Mahdavi S, Riahi R, Vahdatpour B, Kelishadi R. Association between sedentary behavior and low back pain; A systematic review and meta-analysis. Health Promot Perspect. 2021 Dec 19;11(4):393-410. doi: 10.34172/hpp.2021.50. PMID: 35079583; PMCID: PMC8767074 5.Healy, G.N., Goode, A.D., Ulyate, L. et al. National implementation trial of BeUpstanding<sup>IM</sup>: an online initiative for workers to sit less and move more. Int J Behav Nutr Phys Act 21, 111 (2024). https://doi.org/10.1186/s12966-024-01652-0

### Be<sup>U</sup>pstanding<sup>™</sup> www.beupstanding.com









