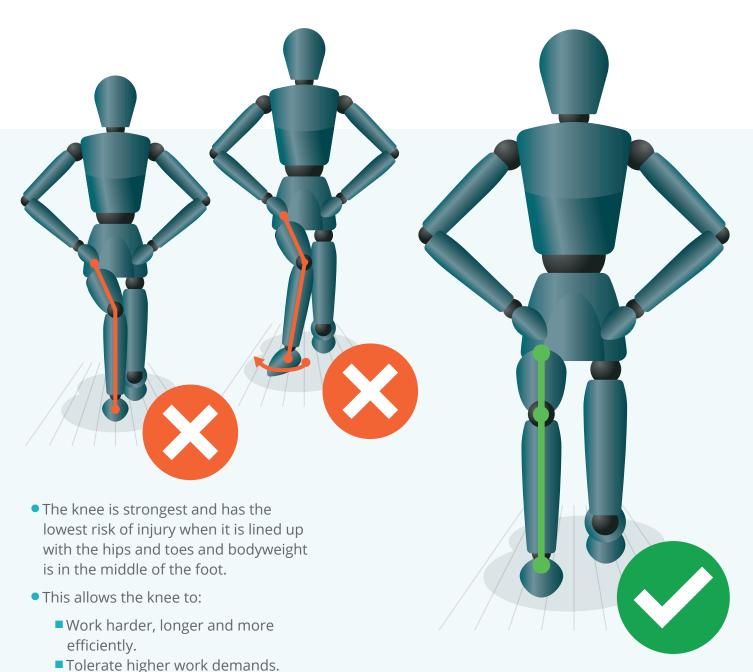
Positioning the Body to Reduce MSD Injury Risk

FOCUS ON THE KNEE

Knee injuries represent half of all lower extremity lost-time claims in Ontario.



Whole body positioning should be part of a holistic ergonomics program that involves engineering and administrative controls for modifiable tasks. The hierarchy of controls should be followed when addressing hazards.



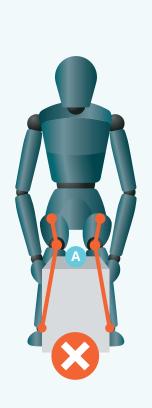


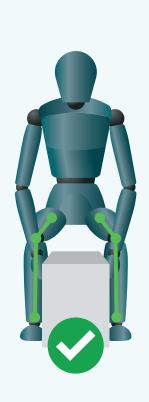


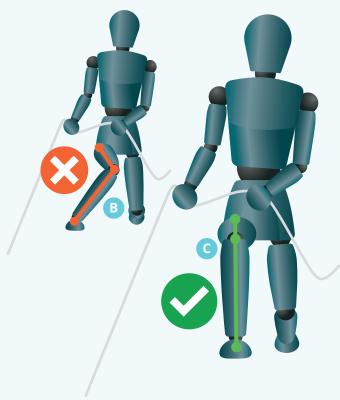
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Examples of Tasks:







DID YOU KNOW?

- A The knee is more prone to injury when it collapses inward.
 - The result of knee injuries are:
 - Absenteeism
 - Reduced strength
 - Delayed return to work

KEEP IN MIND

- When handling heavy (and awkward) loads:
 - B Limit side-to-side bending and twisting of the knee
 - C Line up tip of knee cap over middle toe of foot
 - Keep body weight centred on bottom of foot for balance
 - Where possible, reduce frequency and duration of load handling

LEGEND

GREEN - No action required if tasks are not held or repeated for long periods and no MSD symptoms are reported. Continue to monitor for MSD symptoms and check after workplace or process changes.

YELLOW – Investigations and improvement needed in the longer term. Investigation and improvement needed immediately if MSD symptoms are present.

ORANGE – Further assessment or improvement needed immediately.