



Sitting & Standing

Both sitting and standing for prolonged periods have the potential to negatively impact our bodies.

The best thing you can do is make positional changes regularly throughout the day.

Stand up at least once, preferably twice, an hour.



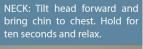
Sit-Stand Desks

The purpose of this training is Sit-Stand desk options & set-up but for those who do not have a sit-stand desk, there are other opportunities to get up and move:

- Get up to talk to your colleague
- Take micro-breaks: use <u>prompter</u>
- Take <u>stretch</u> breaks
- Plan walking or standing meetings



NECK: Reach right arm out to the side, palm facing forward. Look to left shoulder and hold for ten seconds. Repeat on opposite side.





SHOULDERS: Raise shoulders to ears. Hold for ten seconds and relax down.





and reach above with palms facing ceiling. Hold for ten seconds and relax arms down.

upper body



Sit-Stand Desks

Height adjustable sit-stand desks provide one way to make positional changes throughout the day.

Today you will learn:

- How to set up your sit-stand workstation
- How to choose a sit-stand option (platform vs. desk)



Setting up a Sit-Stand Desk

The **same principles** apply for sit-stand desks as for traditional (seated) desks.

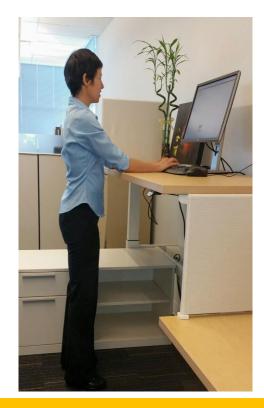
- Keyboard & mouse below elbow level
- Monitor, top line of test at ~ eye level







Setting it Up Incorrectly



Keyboard/mouse/too high-Shoulder flexion



Monitor too low-neck flexion Mouse too low-wrist extension



Set it Up Correctly



Picture from ErgoTron

- Keyboard & mouse below elbow
- Monitor: top line of text at approximately eye level
- Alternate between sitting and standing:
- Sit 30 to 45minutes at a time and stand
 15 to 20 minutes at a time
- See <u>online resources</u> for more info



Choosing the right model: Desks & Platforms

Height adjustable desks are preferred to platforms

Platforms impact placement of paper and other items-the degree to which this is problematic depends on how much you are referencing these items

A great advantage of a height adjustable desk is that they go lower. This significantly reduces the need for keyboard trays of footrests. Make sure you choose the one with the right height range for you.

The following slides will help you understand the differences between the different desks and platform options available.



Choosing the right model: Desks & Platforms

Sit-Stand Desks

Advantages

- Can be set lower than traditional desks thus reducing the need for keyboard trays & footrests
- Easy to access paper and telephone in seated and standing positions

Disadvantages:

- More expensive than platforms
- Need to remove existing desk

Platforms

Advantages

- ✓ Less expensive than desks
- No need to remove existing desk

Disadvantages:

- Impact placement of paper and phone in both sitting and standing positions
- Some models position the monitor high when seated
- Some models position the monitor close
- Some models provide limited flexibility in how dual monitors are positioned



Desks: Choosing the right height range

Choose the right height sit-stand desk. See below for options for tall and shorter users

Standard height: $\geq 5'4$ to $\leq 6'2$

Lowest height: ≤24.5"

Top height: ≥48"

Lower Desks: for those <5'4

These desks should go down as low as 22.6"

Taller Desks: for ≥6′4*

- These desks should go above 48"
- *Required for users above 6'4 and may be beneficial for those above 6' depending on their proportions.

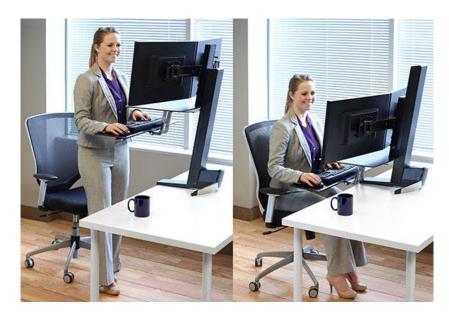
Check-out ergotron's sit-stand height calculator



There are many different types of platforms-each platform has different trade-offs. When choosing a sit-stand platform, considering the following:

- Height of monitor & keyboard when siting
- Flexibility to position monitors where you want them





Pictures from ErgoTron





Ergotron Workfit TL \$598

Comments:

- This option is not recommended for those wearing bifocals-the monitor will be too high when seated
- Users who normally use a keyboard tray will need to instead raise their chair and use a footrest
- Tall users may need to raise their desk height first in order for the platform to go high enough.





Ergotron
Workfit-S
Single Monitor
Worksurface
\$638

Comments:

- Some users will find the monitor too close
- The worksurface platform provides space for papers but this is smaller than a typical desk
- Tall users may need to raise their desk height first in order for the platform to go high enough.





Ergotron
Workfit-S
Dual
Monitors
Worksurface
\$731

Comments:

- Some users will find the monitors too close
- Users will need to center with both monitors, they cannot work with one as their primary
- The worksurface platform provides space for papers but this is smaller than a typical desk
- Tall users may need to raise their desk height first in order for the platform to go high enough.





Humanscale Quickstand QSWW30FN

\$1,000 to \$1,500

Comments:

- The advantage of this brand is the wider crossbar which will make it easier for users to position one monitor as their primary monitor
- Users that normally use a keyboard tray will either need to lift their keyboard/mouse from the tray to platform each time they transition or they will need to raise their chair and use a footrest



Positive Psychosocial Factors

Positive factors such as autonomy, rewards/recognition and co-worker/supervisory support have a protective effect against the risk for injury

Conversely, too much stress can result in increased muscle tension, higher mechanical load and an insufficient work-rest recovery ratio which can increase your risk of injury.

Check out resources available at UBC and consider what you can do to improve the positive factors within your work environment.



Positive Psychosocial Factors

Available UBC Resources:

Staff & Faculty	Students
UBC EFAP Program Employee & Family Assistance Program	UBC Counseling Services (Brock Hall)
Responding with Respect Free interactive training for departments	UBC Mental Health Network
Thrive.ubc.ca Building mental health at UBC	Thrive.ubc.ca Building mental health at UBC
Healthy UBC Newsletter Free Newsletter	Live Well to Learn Well Student resources for healthy living



For more information

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