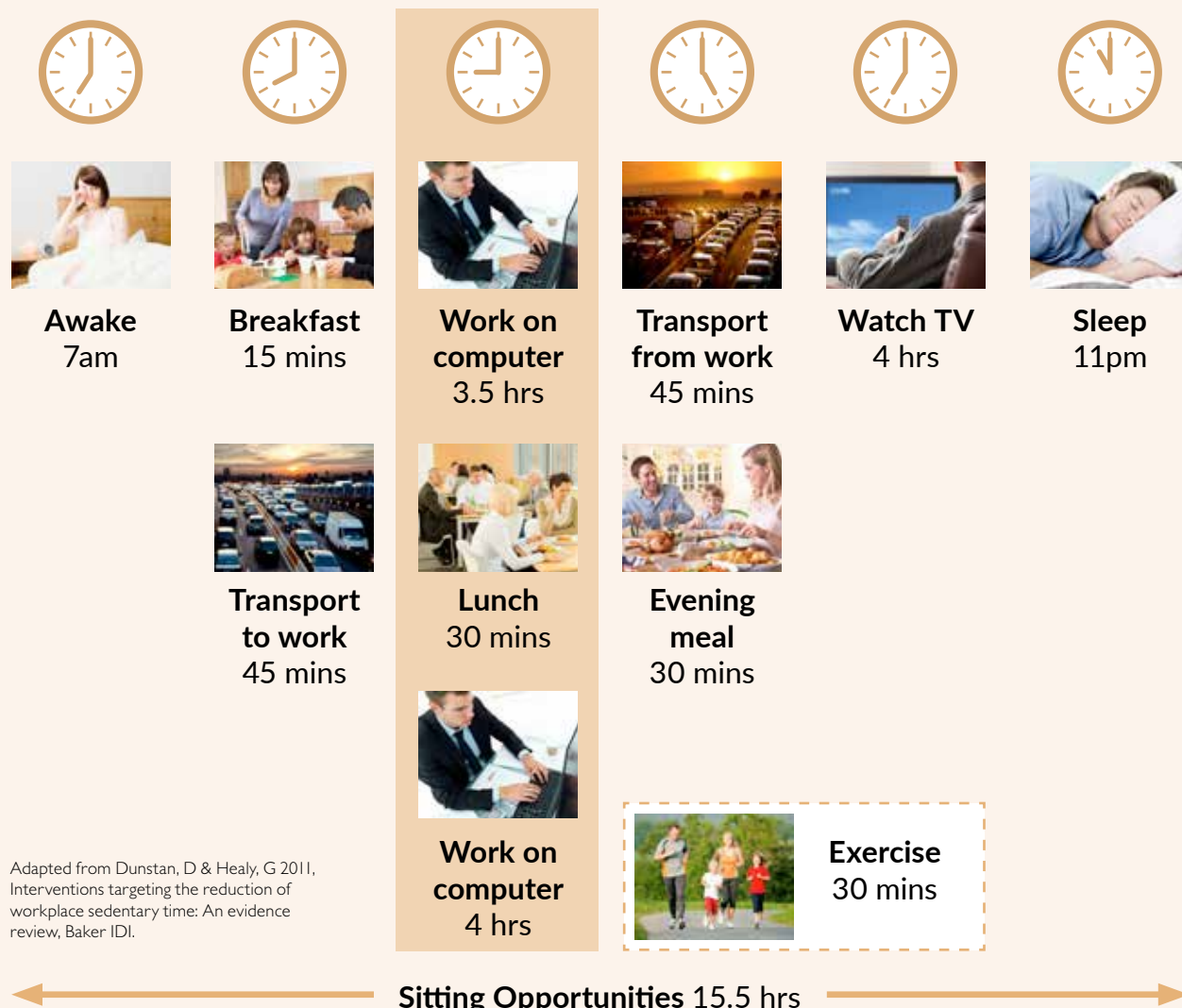


TO SIT OR STAND? THAT IS THE QUESTION...

Sedentary behaviour is defined as any waking activity where energy expenditure is very low and energy levels do not increase above normal resting levels.^{1,2} The terms 'sitting time' and 'sedentary time' are often used interchangeably and both refer to sedentary behaviour.³ Workplace sitting is defined as time spent in sedentary behaviour at work.⁴

The issue of sitting time is a hot news item. The occupations that are most at risk of prolonged sitting include office work, transportation and highly mechanised trades.⁴ People in these occupations typically spend a great deal of the working day sitting down. This is in addition to their transport and leisure sitting time. In a normal 16-hour day, it's easily possible to spend over 80% of the time seated.

Our modern 'sitting oriented' society



Adapted from Dunstan, D & Healy, G 2011, Interventions targeting the reduction of workplace sedentary time: An evidence review, Baker IDI.

Recent research has suggested links between excessive sitting time and a host of chronic conditions, including diabetes⁵, heart disease⁶ and colon cancer⁷. This is independent of the amount of physical activity performed during the day. In other words, you can cycle to work, swim at lunch time and then cycle home, but if you spend the rest of your day sitting down, you increase your risk of developing one of the chronic conditions identified with prolonged sitting time.

So what can I do?

Australia's Physical Activity and Sedentary Behaviour Guidelines¹⁰ released in 2014 recommend adults move more and sit less.

Some strategies to **move more** include:

- parking your car further away from work so you have to walk more
- leaving your desk at lunch time to go for a short walk
- going for a 15 minute jog before breakfast each morning

Some strategies to **sit less** include:

- organising a walking meeting
- visiting your colleague in person rather than emailing them
- setting an alarm on your computer to remind you to stand more often

Using a standing workstation

One of the more obvious ways of breaking up office sitting time is to use a standing workstation. This can either be a height-adjustable sit-stand workstation, or a raised platform on a standard desk that creates a 'permanent' standing workstation.

When using a standing workstation, it is important to set it up correctly so as to reduce the potential for creating other ergonomic issues.

- Position the top of the keyboard at elbow height (when standing). Position the monitor at eye level to reduce the need to look up or down.
- Remember to stand on both feet evenly, and avoid slouching or favouring one leg.
- Wear suitable footwear for prolonged standing – avoid excessive heels or non-supportive footwear.
- Standing all day can be quite tiring – it's important to listen to your body and to sit down when you are feeling tired or aches start to set in. Having a mix of sitting and standing can be a good option. A good rule of thumb is 'the next posture is the best posture'.

There is a 15% increased risk of death in the next three years if you sit for 8-11 hours per day, when compared to those who sit for less than four hours per day. This risk increases to 40% for those who sit for greater than 11 hours per day.⁸



What's next?

Research on this topic is still in its infancy, and there are a lot of unknowns. It's important to recognise that the exact amount of sitting time hazardous to health has not yet been identified.⁹

As more information emerges, this fact sheet will be updated.

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