



Sleep Well – Managing Sleep and Fatigue

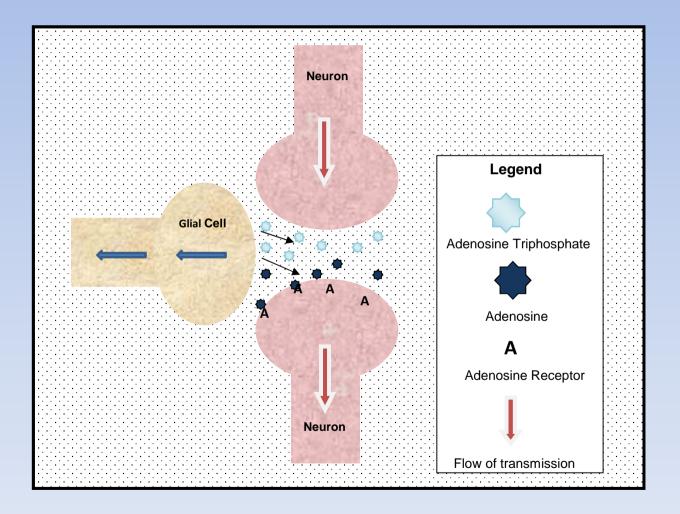
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Understanding the Need for Sleep A homeostatic response to life

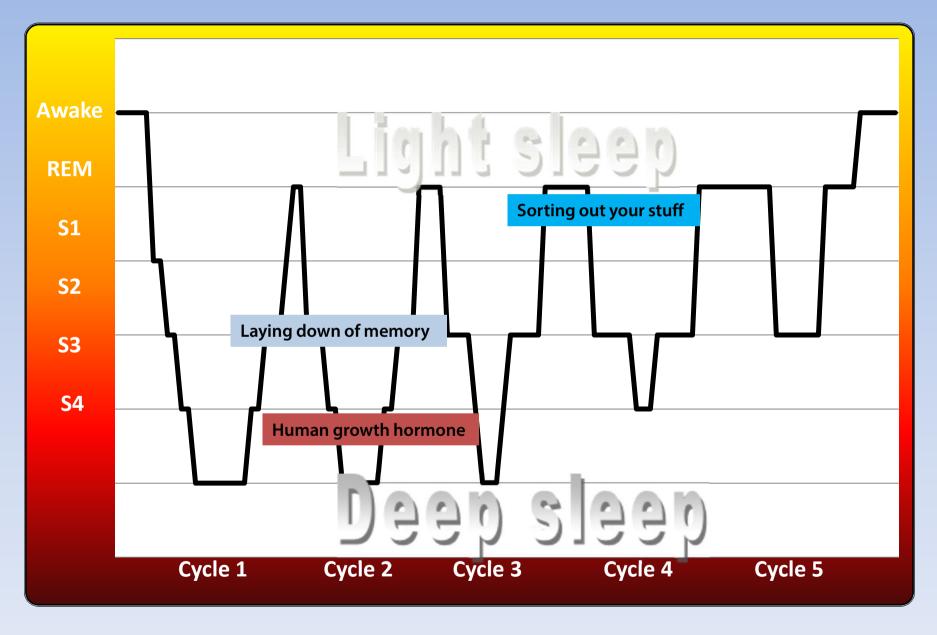


Adenosine build up and removal





Sleep stages & cycles across the night

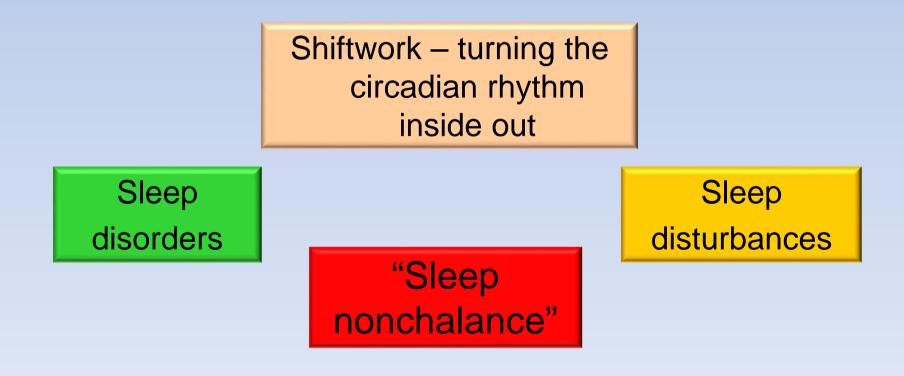


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Sleep Restriction

Rosters & schedules not allowing enough time between shifts to get enough sleep

Not enough notice on start times such that employees can't plan to get the right sleep



Workplace Assistance

- Use Code of Practice to better organise shifts, rosters, breaks and other important aspects of fatigue management
- Make a serious effort to be inclusive and obtain feedback from all parts of the organisation
- Get help from a fatigue content expert..

Sleep Disorders

- There are more than 80 classified sleep disorders
- They can be put into categories such as insomnia, obstructed airways, circadian rhythm disorders and a whole range of medical-sleep related disorders..

Sleep Disturbance

- Partners
- Babies
- Children
- External noises

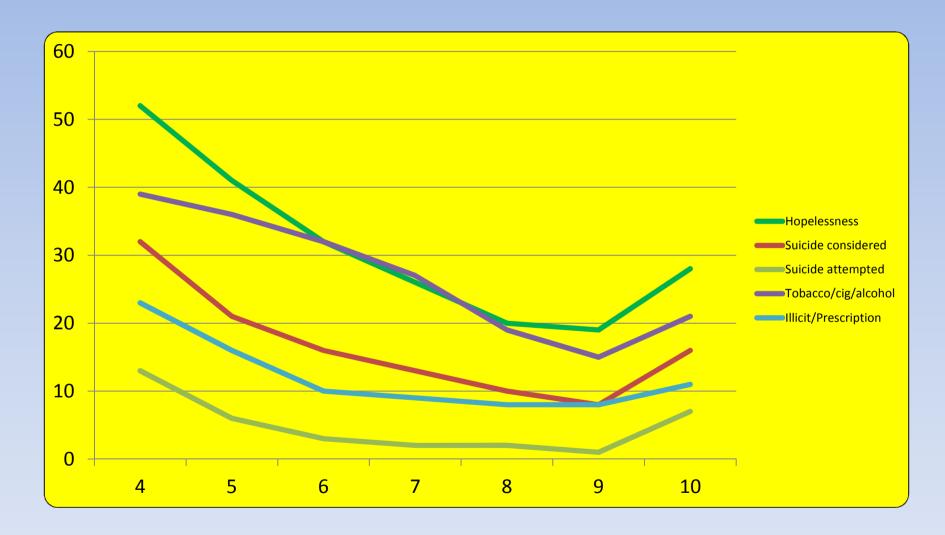


Sleep Restriction Effects on Mental Health

- Mood effects from one short sleep
- Depression and anxiety from reduced sleep over time
- Many research articles suggest that children who do not obtain adequate sleep exhibit ADHDtype behaviours..



Teens, Sleep & Mental Health



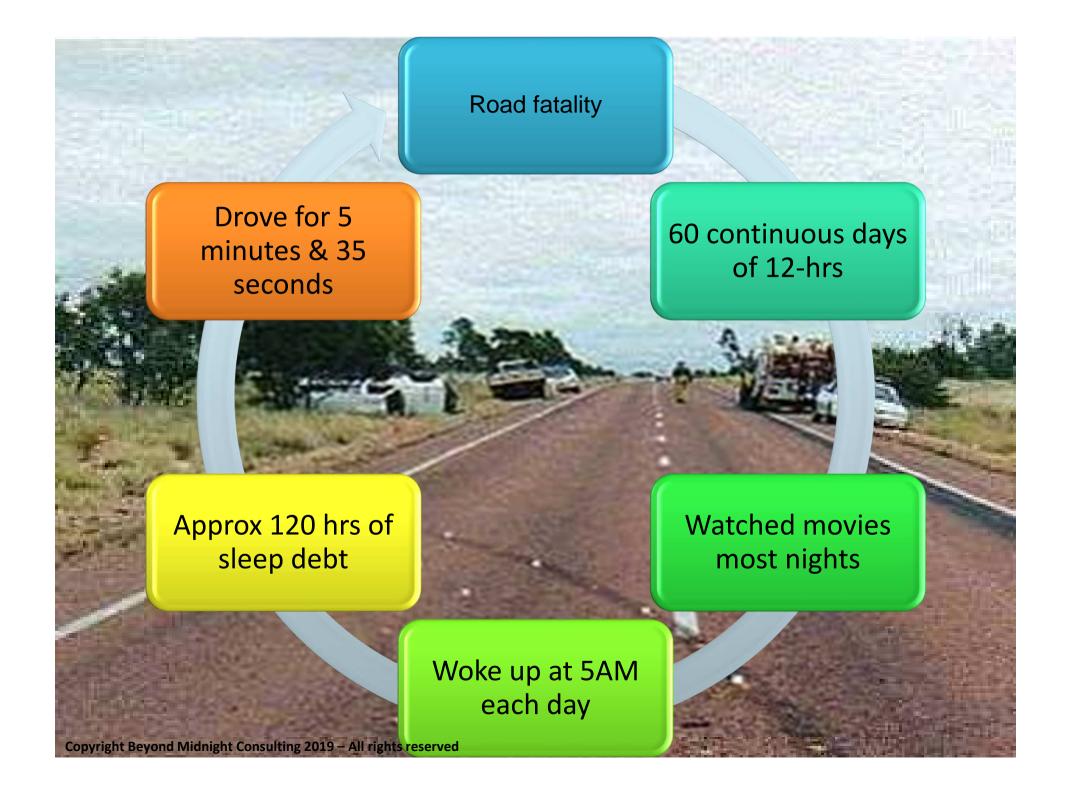
Sleep Restriction Effects on Physical Health

- Mortality
- Immunocompetence the conversion of immunisation antibodies
- Type II Diabetes..

Sleep and Safety / Productivity







Empty Field Myopia



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Changes in sleep length from pre- to post-training

190 responses	Concession of the local division of the loca	
On dayshift		
 4 to 5 hours of sleep (was 17, down to 5) 	- 70%	
— 5 to 7 hours of sleep (was 134, down to 124)	- 7.4%	
— > 7hours of sleep (was 40 up to 61)	+ 52.5%	
On nightshift		
- < 4 hours of sleep (was 4, down to 1)	- 75%	
 4 to 5 hours of sleep (was 28, down to 20) 	- 28%	
 5 to 7 hours of sleep (was 68, up to 71) 	+ 4.4%	
- > 7 hours of sleep (was 13, up to 21)	+ 61.5%	

Summary

- Sleep debt can easily be accumulated and there are several reasons for this
- We need to remember the homeostatic balance required for sleep and wakefulness pay back a sleep debt
- Sleep restriction will make you less safe, and less productive
- The right amount of sleep will increase your health & wellness and your productivity..



Face-to-Face & Online Fatigue Risk Management Training www.beyondmidnight.org



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