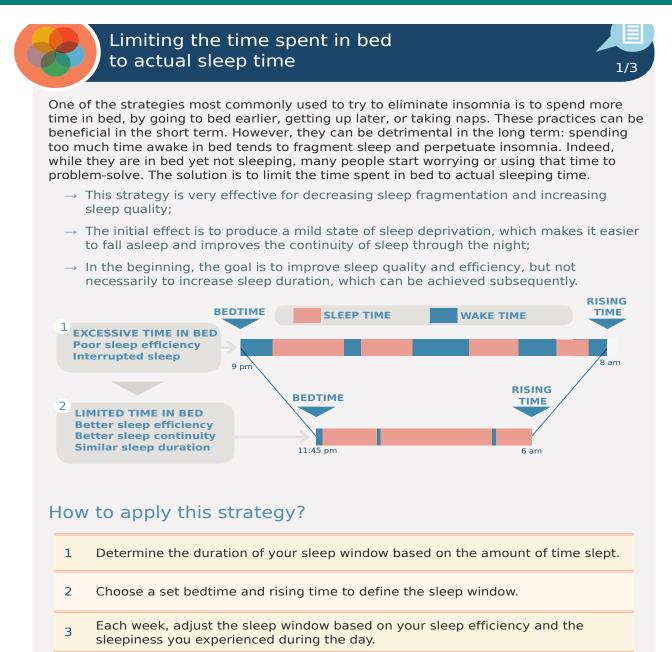
Appendix 7.7

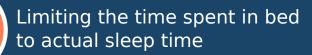
Limiting the time spent in bed to actual sleep time



Adapted from: Ouellet, M.-C., Bealieu-Bonneau, S., Savard, J., & Morin, C. M. (2015). Insomnie et fatigue après un traumatismecraniocérébral : Manuel d'évaluation et d'Intervention.

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Determine the duration of your sleep window based on the amount of time slept

The sleep window is a period of time in which sleep is permitted, and outside of which sleep should be avoided.

The sleep window is defined by a set bedtime and rising time, and **it must be followed** each time, whether during the week or on the weekend.

The duration of the first sleep window is equal to the average number of hours slept each night over the past week or two weeks. You can estimate this duration based on your habits, or using the sleep diary if you have been using it.

For example:

DAYS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
HOURS OF SLEEP	7:00	6:00	5:30	6:00	6:15	5:45	5:30
Average sleep time = (Total hours of sleep / Number of days) = (42 / 7) = 6 hours.							

The first sleep window will be of six hours.

To avoid significant sleepiness during the day, the sleep window should never be less than five or six hours in duration, even if you generally sleep less than this amount.

2 Choose a set bedtime and rising time to define your sleep window.

These times will be set for at least one week: the duration between these two times will be equal to your sleep window duration as defined is Step 1.

For example, for a six-hour sleep window, possible bedtimes and rising times might include the following:

- \rightarrow 11:30 pm to 5:30 am
- $\rightarrow~$ 12 am to 6 am
- \rightarrow 12:30 am to 6:30 am

Apply the sleep window each night for one week. You can subsequently readjust this window based on your sleep efficiency for the week.

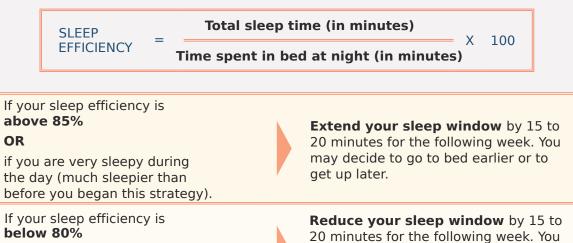
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Limiting the time spent in bed to actual sleep time

B Each week, adjust the sleep window based on your sleep efficiency and the sleepiness you experienced during the day

After maintaining the sleep window for one week, you will need to evaluate it based on the following:

- → your sleep efficiency, ideally calculated based on your sleep diary or estimated based on your actual sleep time and time spent in bed over the previous week;
- \rightarrow how you feel during the day (daytime sleepiness).



AND

you are not too sleepy during the day.

If your sleep efficiency is **between 80% and 85%.**

Maintain the same sleep window for another week.

may go to bed later or wake up earlier,

as long as you reduce the amount of

time you spend in bed.

What to expect?

- → The side effect of this strategy of restricting time spent in bed is that you will feel more sleepy during the day. This is normal and temporary. After one or two weeks, you will realize that, in spite of spending less time in bed, you are functioning just as well during the day. Exercise caution if you need to drive or use hazardous machinery.
- \rightarrow Continue to adjust your sleep window each week until you achieve a satisfactory duration of sleep combined with good sleep efficiency (more than 85%). You may need to apply this strategy for several weeks (6 to 10) before achieving this result.

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