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Weekend 'catch-up sleep' is a lie

周末"补觉"是一个谎言

catch-up/'kæt∫ ʌp/: n. 补做;赶做

英文释义: the act of trying to do something you did not have time to do earlier

搭配短语:play catch-up(通过追赶,达到同样的水平或程度)

例句: Alibaba raced ahead into new markets, leaving other companies to play catch-up.

The <u>negative health effects</u> of <u>skimping on sleep</u> during the week can't be **reversed** by **marathon** weekend sleep **sessions**, according to <u>a **sobering** new study</u>.

一项发人深省的新研究表明,周末马拉松式的"补觉"并不能扭转工作日睡眠不足对健康的负面 影响。

skimp/skImp/: v. 节俭,节约;吝啬

近义词:save

英文释义: to try to spend less time, money, etc. on something than is really

needed

例句: Don't skimp on necessities of life.

reverse: v. 反转; n. 相反情况

marathon/'mærəθαɪn/: adj. 马拉松式的

词性拓展:marathon(n. 马拉松赛跑;马拉松式的活动或工作)

session: n. 会议;[进行某活动的]一段时间

搭配短语:a bull session: 闲聊

搭配短语:a session with my analyst:与我的分析师的讨论 搭配短语:to go into closed/private session:召开秘密会议

sobering/'soʊbərɪŋ/: adj. 令人警醒的,使人冷静的

英文释义: making you feel serious and think carefully

词性拓展:sober (adj. 严肃的;冷静的)

搭配短语:a sobering experience 一个发人深省的经历

搭配短语:a sobering thought 一个冷静的想法

(本句下划线部分为句子主干) Despite complete freedom to **sleep in** and nap during a weekend recovery period, participants in a sleep **laboratory** who were limited to five hours of sleep on weekdays gained nearly three pounds over two weeks and experienced **metabolic disruption** that would increase their risk for **diabetes** over the long term. **While** weekend recovery sleep had some benefits after a single week of **insufficient** sleep, those gains were **wiped out** when people **plunged right** back **into** their same **sleep-deprived** schedule the next Monday.

在一间睡眠实验室中,一群实验参与者在工作日的睡眠时间被限制在五小时之内,而尽管他们在周末的恢复期内,可以完全自由地睡懒觉和打盹,他们的体重还是在两周的时间里增加了近三磅。同时,他们还出现了代谢紊乱的情况,从长远来看,这会增加他们患糖尿病的风险。虽然周末的恢复性睡眠对于仅持续一周的休息不足有一定的好处,但当人们在接下来的周一又重新回到那个睡眠不足的作息之后,这些好处就完全消失了。

Despite...over the long term: 这句话的结构分成三个部分: Despite A, participants did B and C。句子的主语是 participants 参与者,在这里指的是一项睡眠实验的参与者,后面作者指出地点, in a sleep laboratory, 在一间睡眠实验室里面。who 引导的定语从句表明了参与实验的条件, who were limited to five hours of sleep on weekdays,指实验的参与者在工作日只能睡五个小时。实验者在工作日受到这种限制,自然会在周末得到一些补偿,因此前面despite 的部分说明了实验参与者可以做两件事情,第一件是 sleep in 睡懒觉,第二件是 nap打盹, during a weekend recovery period ,不过仅限在周末的恢复期内。而实验的结果

是,(participants) gained nearly three pounds over two weeks and experienced metabolic disruption ,参与者的体重在两周的时间里增加了近三磅,除此之外,他们还经历了代谢上的紊乱。disruption 的后面用 that 引导的从句,补充说明这件事情的坏处: that would increase their risk for diabetes over the long term 。从长远来看,这会增加他们患糖尿病的风险。

sleep in:睡懒觉

英文释义: to sleep until later in the morning than you usually do

例句:I need to stop sleeping in on weekends, no matter how good it feels to do so.

laboratory /ləˈbɒrəˌt(ə)ri/: n. 实验室

metabolic disruption:代谢紊乱

metabolic/ˌmetə'bɑxlɪk/: adj. 代谢的,新陈代谢的

词性拓展:metabolism (n. 代谢,新陈代谢)

例句: Exercise is supposed to speed up your metabolism.

disruption: n. 中断;扰乱

相关词汇:disrupt: v. 使...中断;扰乱

词义辨析: disruption, interruption

两者都有"打断"的意思,interruption 的前缀 inter-表示"在…中间",相当于 between,可以理解为,把一件原本完整的事情从中间打断,一分为二;而 disruption 的前缀 dis-表达的是一种分崩离析的感觉,因此这个词除了表示中断,还可以指中断带来的混乱和崩溃。

diabetes/ˌdaɪəˈbixtixz/: n. 糖尿病

英文释义:a disease in which the body cannot control the level of sugar in the blood 例句:Obesity is a risk factor for diabetes. 肥胖是糖尿病的危险因素。

while: 而; 虽然; 在...期间; 与...同时; 这里是虽然的意思

insufficient: adj.不足的 wiped out: v. 消灭;歼灭

plunge right back into: 立即重新陷入

plunge into /plʌn(d)ʒ 'ɪntʊ/: 经历, 陷入(不快的事)

英文释义: to experience something unpleasant

plunge 近义词:drop

例句: The news plunged us into deep depression.

right/raIt/: adv. 立即,立刻,马上

近义词: immediately 例句: I'll be right back.

sleep-deprived/sliIp dI'praIvd/: adj. 睡眠不足的

相关词汇:deprived (adj. 短缺的;匮乏的)

deprived英文释义: suffering from a lack of the thing mentioned

相关词汇:humour-deprived 不幽默的

"If there are benefits of catch-up sleep, they're gone when you go back to your routine. It's very short-lived." said Kenneth Wright, director of the sleep and **chronobiology** laboratory at the University of Colorado at Boulder, who **oversaw** the work.

科罗拉多大学博尔德分校的睡眠与时间生物学实验室的主任肯尼斯·赖特主导了这项研究。他表示:"就算周末补觉有好处,当你回到日常(休息不足)的作息时,这些好处也会消失的。它们的效果非常短暂。"

chronobiology /krɒnəʊbaɪ'ɒlədʒɪ/: 时间生物学, 生物钟学

英文释义:the science or study of the effect of time, especially rhythms, on living systems.

词根词缀:chrono-: 时间

oversee/ˌoʊvərˈsiː/: v. 监督;管理

同义词: supervise

例句: The film Alita was overseen by James Cameron. 电影Alita由James Cameron监督。

Wright said that the study suggests people should **prioritize** sleep—cutting **out** the optional "sleep stealers" such as watching television shows or spending time on electronic devices. Even when people don't have a choice about losing sleep due to child-care responsibilities or job schedules, they should think about prioritizing sleep in the same way they would a healthy diet or exercise.

赖特说,这项研究建议人们应该把睡眠放在优先地位,并减少不必要的"睡眠小偷"式行为,比如看电视节目或者花时间在电子设备上。即使人们因为照顾孩子的责任或工作安排而不得不牺牲睡眠的时候,他们也应该像对待健康饮食或体育锻炼一样,优先考虑睡眠。

prioritize A out B: 从B中优先处理A

prioritize/praI'DIrətaIz/: v. 确定(事项的)优先次序;优先考虑

英文释义:to decide which of a group of things are the most important so that you can

deal with them first

词性拓展:prior(adj. 优先的)

词性拓展: priority (n. 优先;优先事项)

例句: We must learn to prioritize our work.

原文:

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Despite complete freedom to sleep in and nap during a weekend recovery period, participants in a sleep laboratory who were limited to five hours of sleep on weekdays gained nearly three pounds over two weeks and experienced metabolic disruption that would increase their risk for diabetes over the long term. While weekend recovery sleep had some benefits after a single week of insufficient sleep, those gains were wiped out when people plunged right back into their same sleep-deprived schedule the next Monday.

"If there are benefits of catch-up sleep, they're gone when you go back to your routine. It's very short-lived." said Kenneth Wright, director of the sleep and chronobiology laboratory at the University of Colorado at Boulder, who oversaw the work.

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