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# “Reduced-gravity ” Office Chair

Design for a better sitting posture



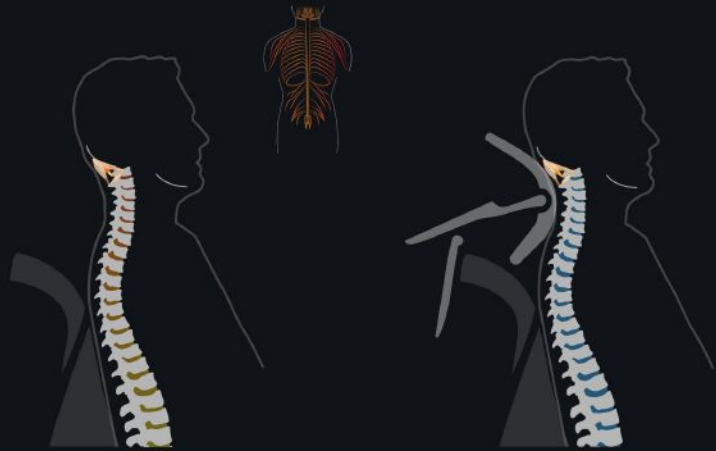
Different pressure on the intervertebral disc (Standing as the standard is 100)

Data source: Donald A. Neumann, *Kinesiology of the Musculoskeletal System: Foundations for Rehabilitation*, Elsevier Taiwan, 2013: 7-1.  
Wilke H.-J., Neef P., Cairni M. et al. New in vivo measurements of pressures in the intervertebral disc in daily life, *Spine* 24:755, 1999.



## Multi-Function headrest support

When the rectus capitis posterior minor is supported and relaxed, the fascia (dura mater spinalis) is stimulated to release a relaxing signal, effectively relieving fatigue in the neck, shoulders, back, and waist.



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We designed a multi-segment composite adjustment for the headrest, so that it can also support petite ladies.

Users can easily switch working, rest and entertainment ect variety modes.

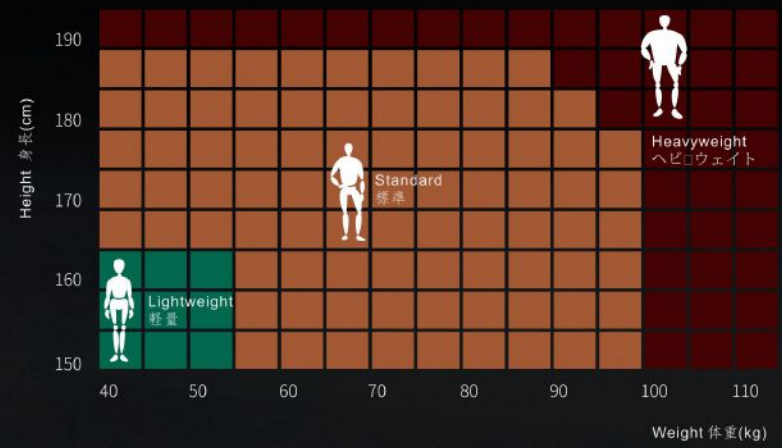






# A mechanism that simulates biomechanics

For sustained dynamic slight tilt support  
It enable users to control the back, just like control our body.



Users can choose different configurations according to their height and weight.



## Armrest Adjustment





Lumbar pillow to support the waist and sacrum



# Multi-level and composite sitting experience design

The seat cushion is filled with variety of elastic materials to provide a more delicate and personalized hip support.



Gel



121 pcs pocket spring



## Patents



Design Patent \*11



Utility Model Patent \*16



Invention Patent \*5(In review)

