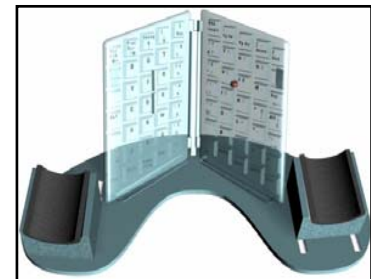
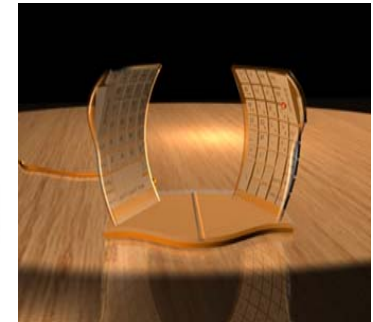
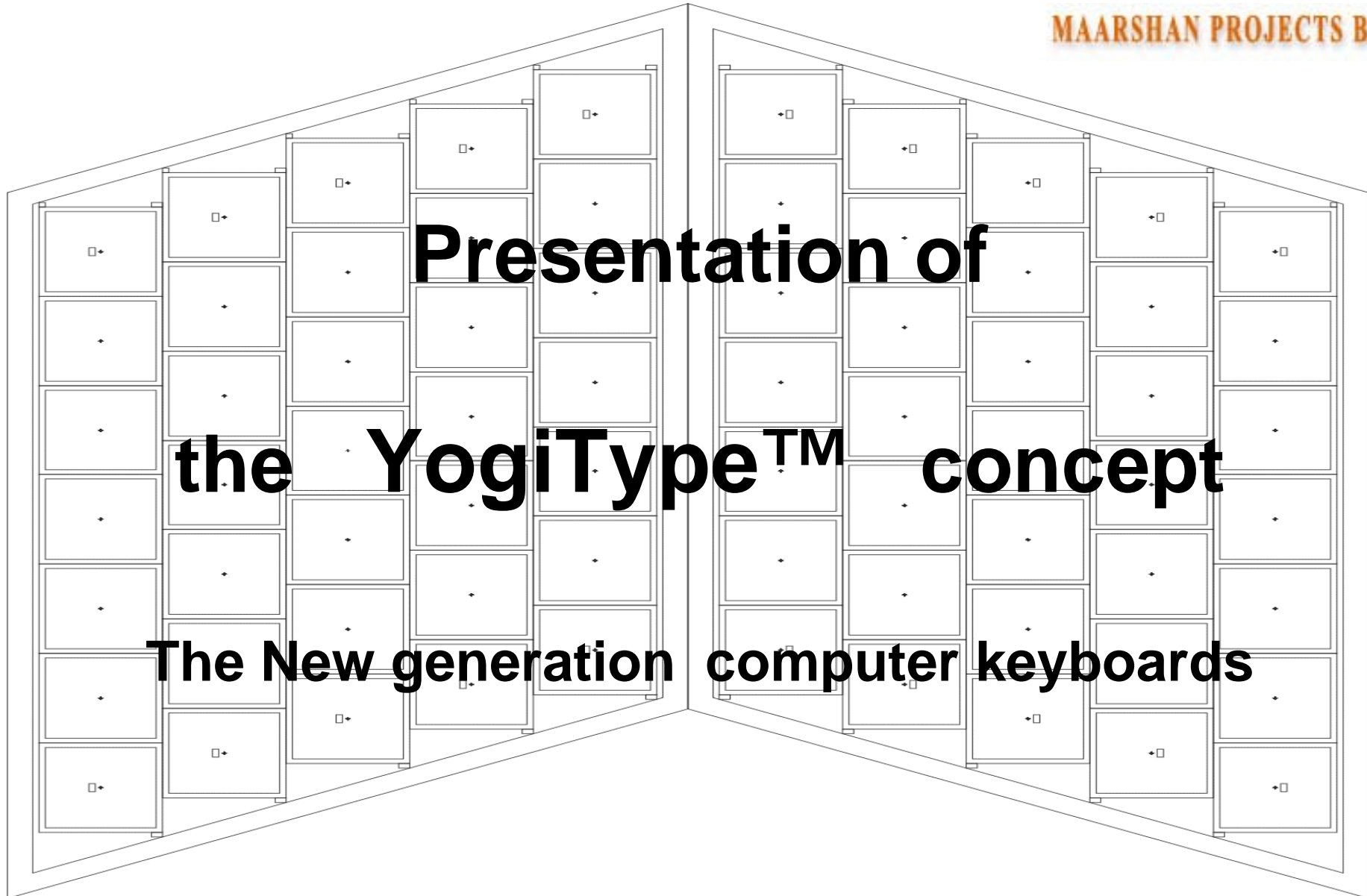


A world of Health & Joy - Problem Free Computing



Computer Input Device Ergonomics

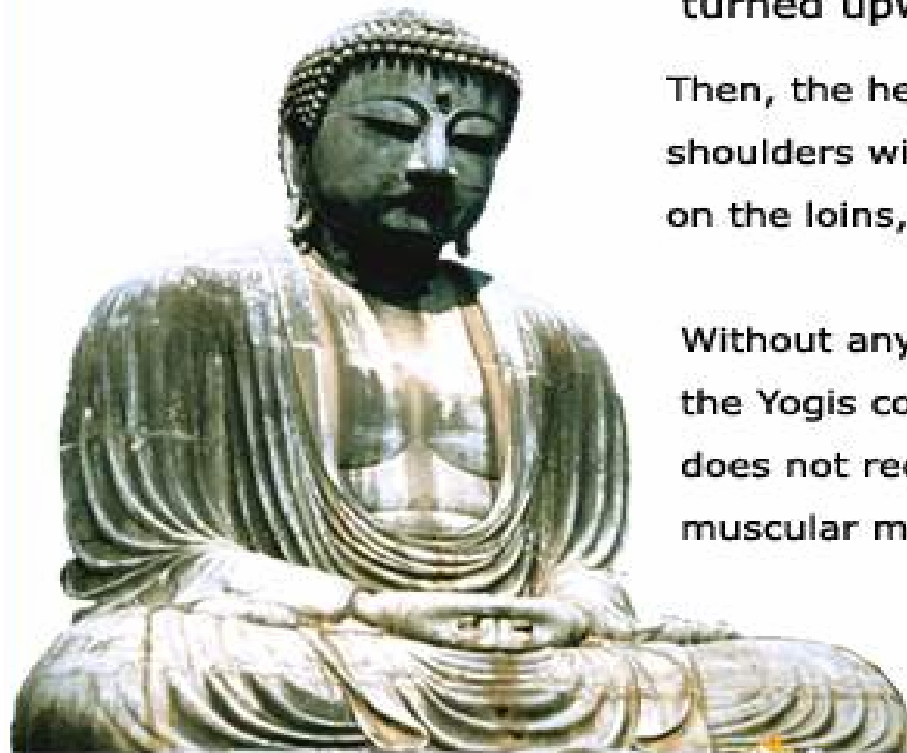


**Presentation of
the YogiType™ concept
The New generation computer keyboards**



Origin of the Product Concept

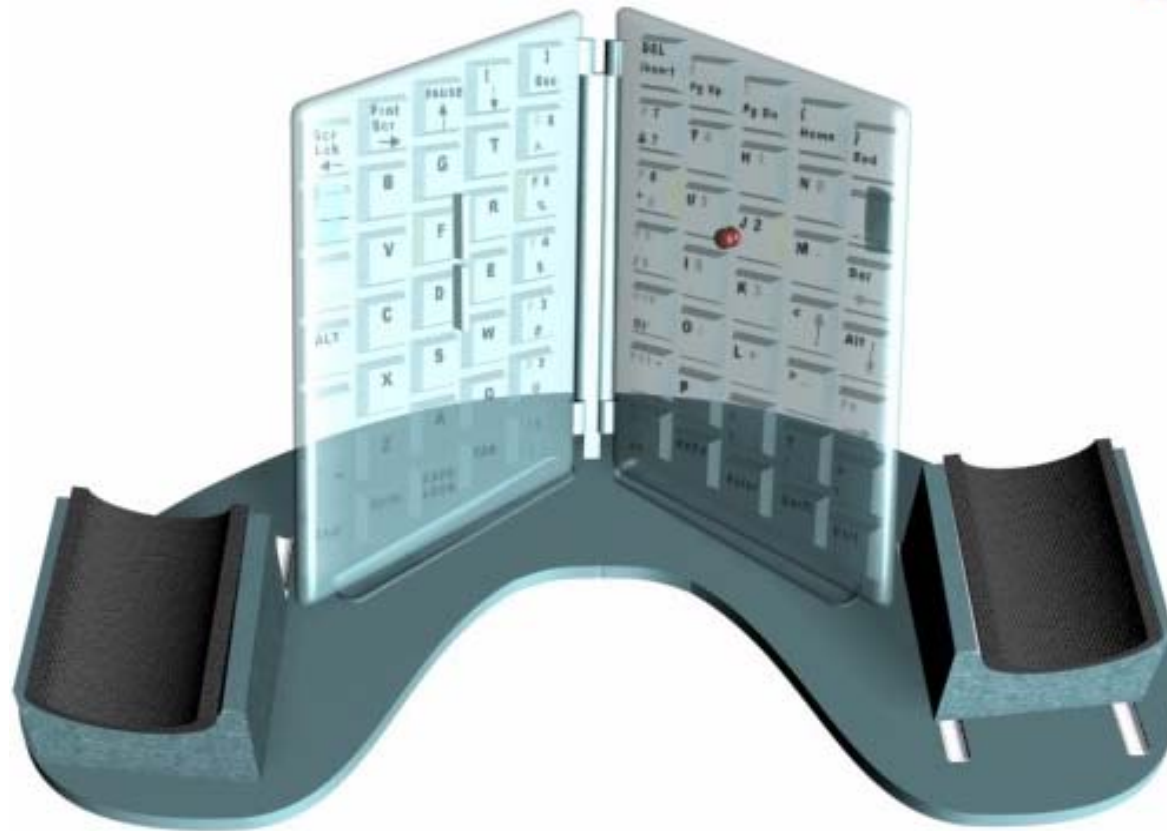
If you were to observe a Yogi, the hands are naturally open with palms turned upwards.



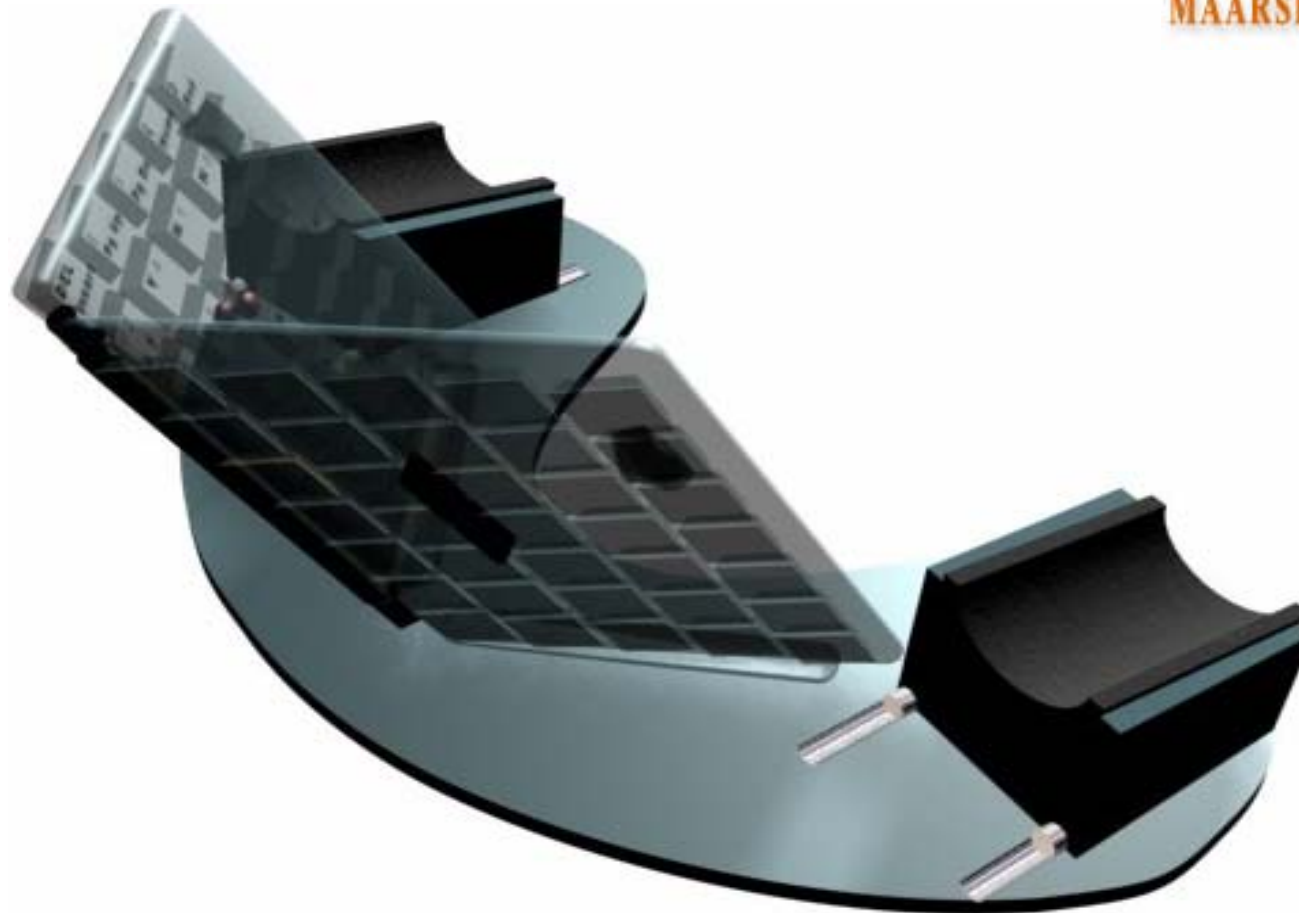
Then, the head is automatically poised on the shoulders with the bust well balanced on the loins, and trunk erect.

Without any fatigue or need for movement, the Yogis could sit for hours. This posture does not require continuous corrective muscular movements.

...They seem to have a 'feel' of their body.



The **YogiType™** keyboard
transparent foldable version – front view



The **YogiType™** keyboard
transparent foldable version – diagonal view

What Ergonomics says about computer keyboards:

No Extension

No Deviation

No Pronation

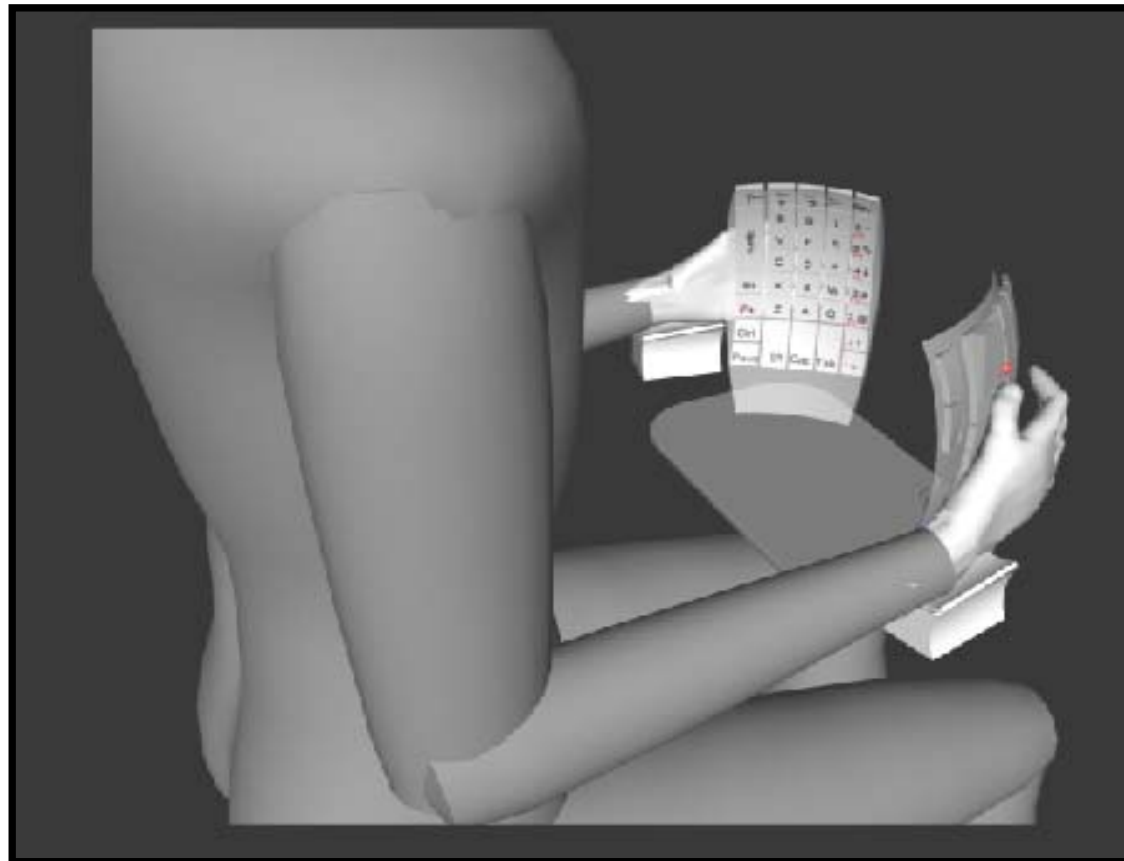
No Abduction

No falling neck & shoulders

**Facilitation of such correct,
natural & neutral posture requires:**

- **Specific Input Device Design**
- **and Hand Supports.**

How YogiType™ facilitates the best body posture!



YogiType™

The next generation keyboard

- The best & most complete ergonomics
- Design - very appealing & practical at the same time
- Increased typing efficiency. Reduced fatigue
- Fast adaptation - Least learning time

YogiType™

: Benefits

- **Allows & facilitates the posture closest to natural body posture while working**
- **Relaxed body and mind – more focus, higher efficiency,**
- **Comfort - reduced muscle load**
- **Less fatigue buildup - work longer**
- **Muscles work only while hitting a key. Less force required to hit.**
- **Muscles do not have to hold the posture**
- **Better breathing and blood flow**
- **Joints remain in neutral position**

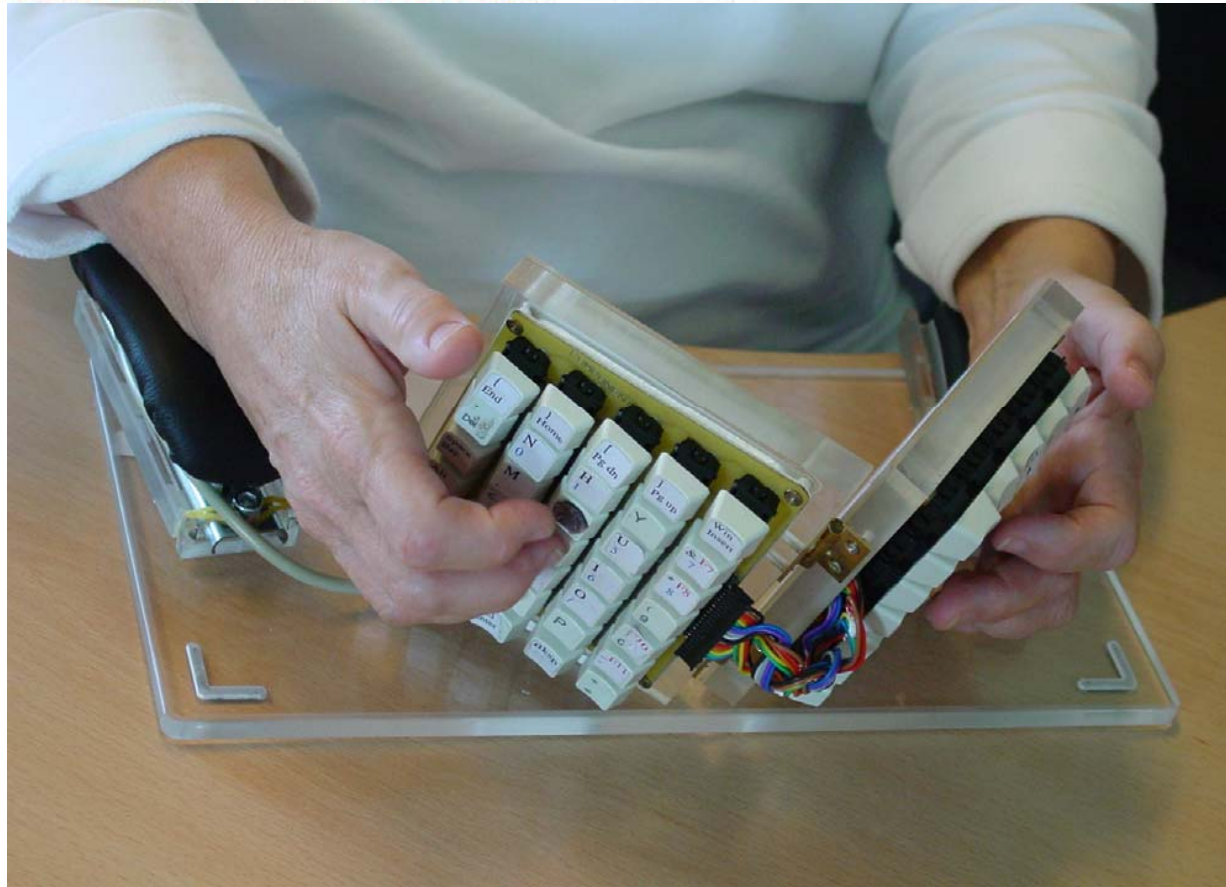


Relevance to fast typing

- A person develops fast typing speed with natural ability, skill, technique and practice.
- Maintaining the speed is a challenge.
- Stress and strain developed in fast typing accumulates with time and speed lowers with time.
- With Maarshan KB stress and strain in any kind of typing is much lower. (See research statistics)
- Hence, one can not only maintain good posture but, also typing speed for a much longer time.



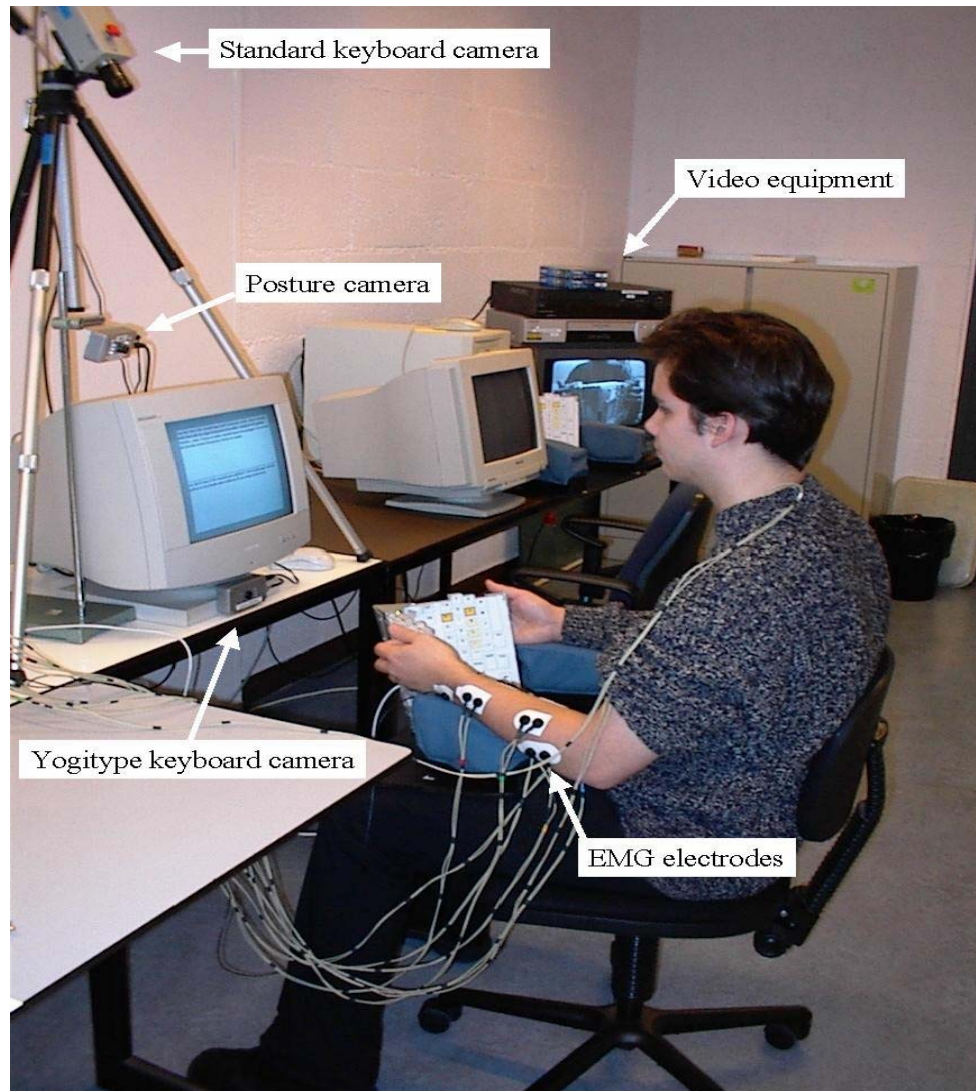
No more problems in work that you cannot avoid!



Ready prototypes for testing,
evaluation & trials

Research Advisors:

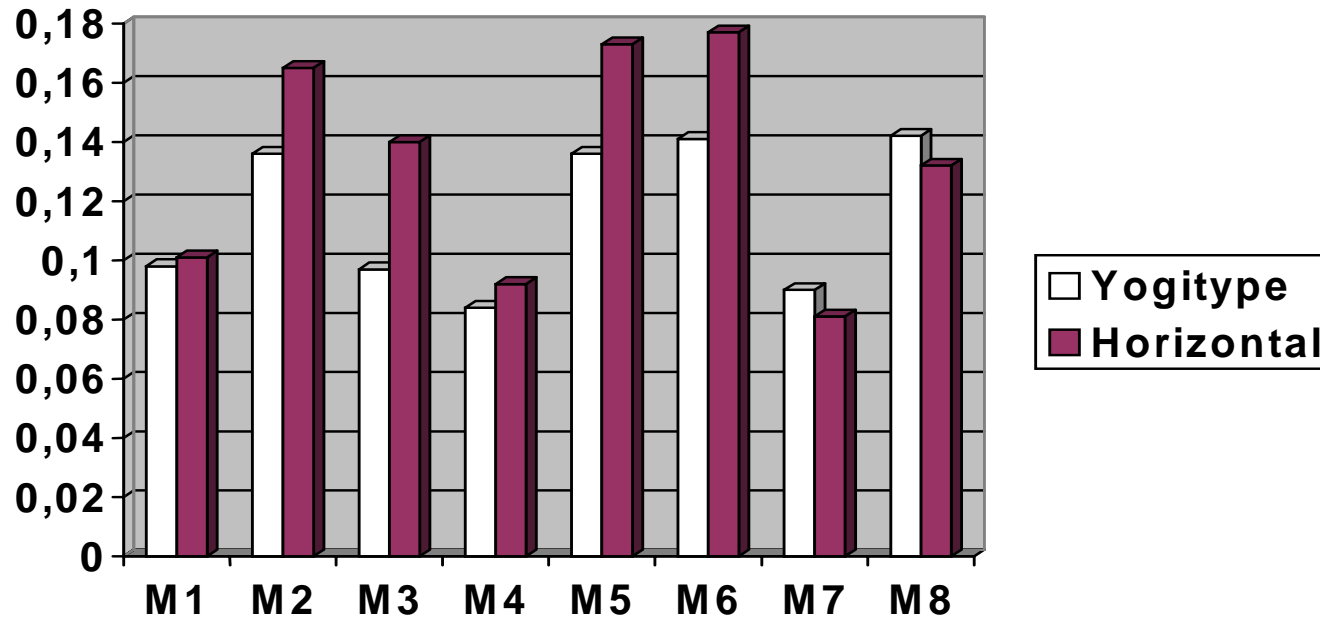
- Dr. Ir. J.F.M. Molenbroek, Industrial Design Engineering, TU Delft
- Prof. Dr. G. van Galen, NICI faculty University of Nijmegen
- Prof. Dr. J. van Dieen, Faculty of Human Movement Sciences, VU Amsterdam



Comparative test
& research

conventional
keyboard &

YogiType™



Average scores for muscle activity for 8 muscles comparing the YogiType™ with a conventional horizontal keyboard.

M1 tot M8 refer to the average normalized activity of respectively : M. Flexor Digitorum Superficialis, M. Extensor Digitorum, M. Flexor Carpi Radialis, M. Flexor Carpi Ulnaris, M. Extensor Carpi Radialis Longus, M. Extensor Carpi Ulnaris, M. Biceps, and M. Trapezius. 4 muscles show significant difference.



Contact for further information

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