WA1 From the Frugal to the Flamboyant: Ergonomics for Any Budget

Earnest Ray, Intel Corporation Rani Lueder, Humanics ErgoSystems Inc. Alan Hedge, Cornell University ❖ Products shown in the presentations in this session merely are examples for illustration purposes only. Inclusion as an example does not imply any endorsement of these products by any of the presenters. Selection of images does not imply any product preferences by the presenters. Audience members should make their own choices and assessments of products that best fit their needs.

21st Century Ergonomist!

- Today's ergonomist has an unprecedented choice of information sources, analytical methods and product solutions
- Most products have some ergonomic features, but no product can work for everyone in every situation -There is no universal ergonomics solution.
- The role of today's ergonomist is both preventive and reactive. It involves diagnosing the source of workplace problems, identifying opportunities to improve workplace design, and implementing the most appropriate solutions given the constraints of time, cost and feasibility.
- $\ \ \, \ \ \,$ This session offers some ideas that might help.....

A Guide to Ergonomic Solutions Alan Hedge

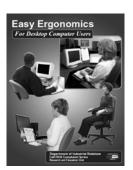
- Many free resources with excellent information are available on the web, for example:
 - http://ergo.human.cornell.edu
 - http://www.healthycomputing.com
 - http://www.humancs-es.com
 - http://www.cdc.gov/niosh/topics/ ergonomics/
 - http://www.ergoweb.com/
 - http://hf.tc.faa.gov/hfds/
 - http://www.dehs.umn.edu/ergo/office/ checklist.html



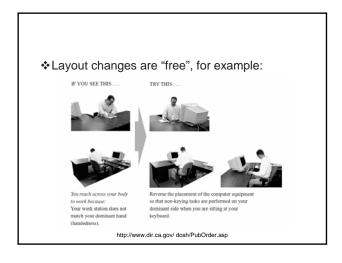
http://ergo.human.cornell.edu/cuergotipsintro.htm

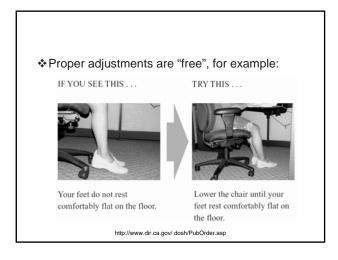
Many free publications with excellent information are available, for example:

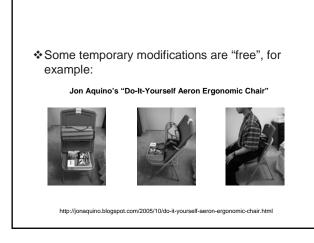
 Easy Ergonomics for Desktop Computer Users

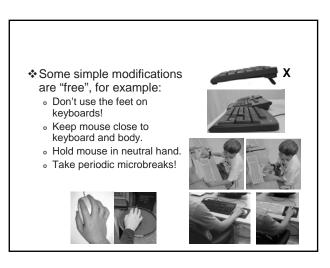


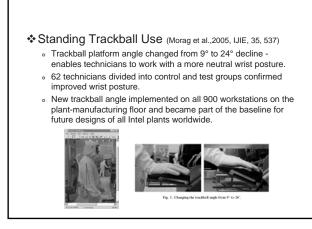
http://www.dir.ca.gov/ dosh/PubOrder.asp

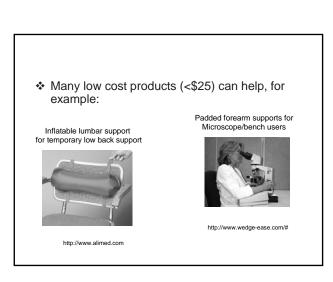


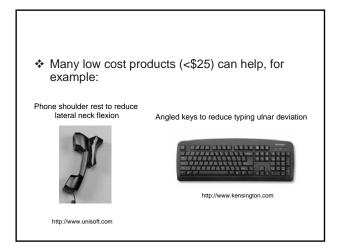










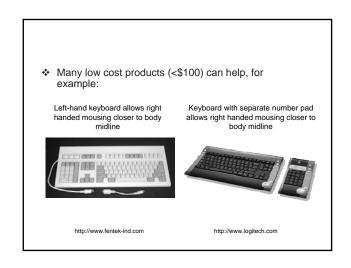


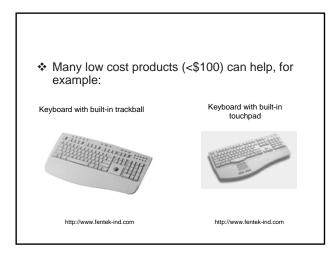




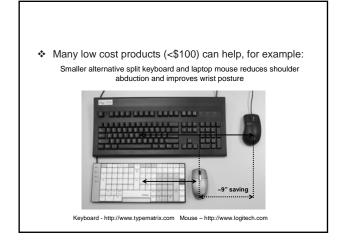






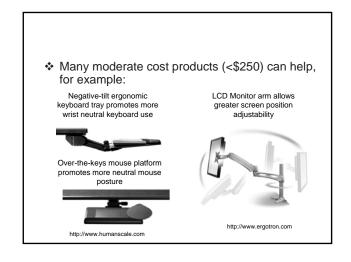












❖ Many medium cost products (<\$500) can help, for example:</p>
Ergonomic chairs:
promote greater seat comfort and body support
http://www.humanscale.com/
http://www.humanscale.com/

★ Many higher cost products (<\$1000) can help, for example:</p>
Manual adjust Sit-stand workstation – allows postural variety
Sit-stand chair – allows postural variety
http://www.ergostoreonline.com
http://www.healthpostures.com

High cost products (>\$1000) also can help, for example:
 Powered sit-stand workstation – allows postural variety
 Fully integrated workstation – allows control of environmental conditions

Ergonomists have an arsenal of analytical tools to diagnose a variety of problems.
 Ergonomists have a plethora of products with which to solve these problems.
 Often, low cost, well thought out responses will resolve many problems situations, at least in part until a comprehensive solution is available or affordable.
 Ergonomists play a vital role in selecting the right solution to the problem.

Questions and Comments