

A GESTURE-BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES

BATCH MEMBERS:

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PROBLEM STATEMENT

- Computer information technology is increasingly penetrating into the hospital domain. A major challenge involved in this process is to provide doctors with efficient, intuitive, accurate and safe means of interaction without affecting the quality of their work.
- Keyboards and pointing devices, such as a mouse, are today's principal method of human—computer interaction. However, the use of computer keyboards and mouse by doctors and nurses in intensive care units (ICUs) is a common method for spreading infections.

PROBLEM STATEMENT(CONTD.)

- In this paper, we suggest the use of hand gestures as an alternative to existing interface techniques, offering the major advantage of sterility.