

Technology mediated learning in healthcare

Current research focus involves the application of multimedia healthcare information delivery in the following:

- as an adjunct to the surgical informed consent process
- patient education
- clinical education

Technology mediated learning

The presentation of material or information that is mediated through information technology

Informed Consent Technology Project

- Project established in Melbourne in 2000 by a group of orthopaedic surgeons
- MD thesis 2004: to investigate the use of multimedia to improve the surgical informed consent process
- Multimedia: a medium that combines animation, voice and text.
- Surgical Multimedia Services: medical animation production arm of the multimedia project

The application of multimedia patient information delivery to augment the informed consent process: pilot study sites

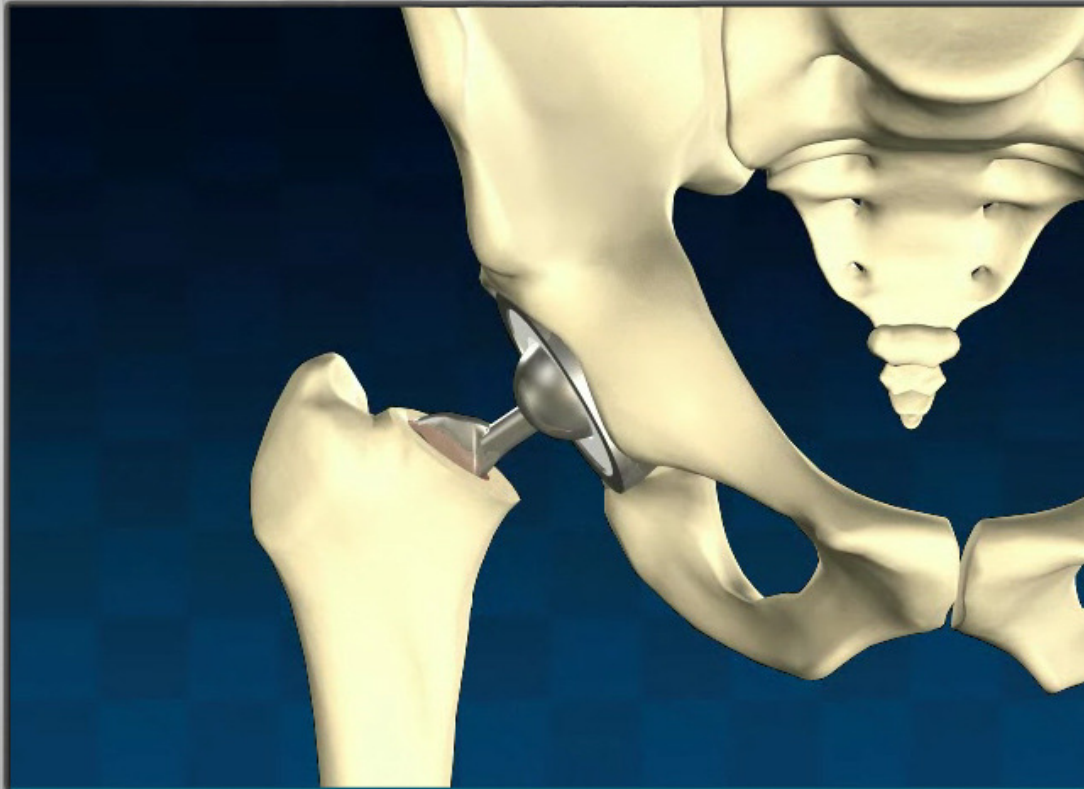
- Royal Melbourne Hospital
- Royal Children's Hospital
- Epworth Healthcare – Richmond
- Mercy Hospital for Women
- Private Practice

Informed Consent Technology Project

Multimedia module content:

- procedure specific
- pathology of the surgical condition
- pertinent details of the operative procedure
- expected post operative course
- likely benefits of the surgery
- important possible consequences and complications of the surgery

The Total Hip Replacement Operation



- Introduction
- The Hip Joint
- Total Hip Replacement
- ▶ The Operation

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Replay

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After the Operation



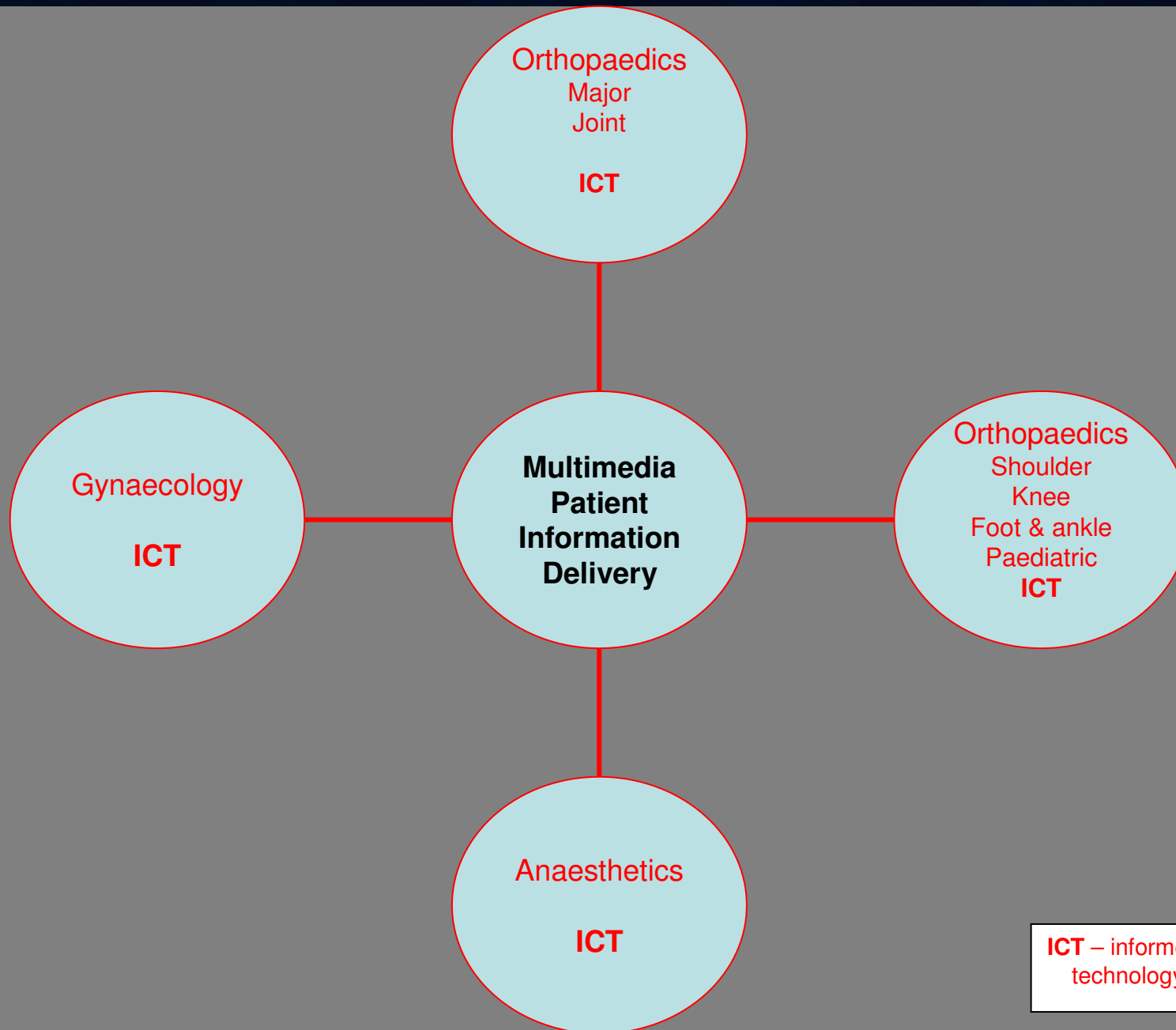
Everyone will use a frame or crutches to walk initially.

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ICT – informed consent technology modules

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