



### Significant benefits

- ✓ **Minimal access techniques** e.g keyhole surgery, stents, grafts, laparoscopy and use of nanotechnology (cameras to view inside of body) – leads to quicker recovery time, shorter hospital time
- ✓ **Gene technology and gene testing** – proactive health care
- ✓ **MRI's** (Magnetic Resonance Imaging) – clearly identify problems
- ✓ **Enhanced capacity for vaccinations** eg. HPV virus associated with cervical cancer – leads to > protection
- ✓ **Digital equipment and internet technology** – managing information and possibly treatment for those in remote areas – improves access
- ✓ **Improved transportation of organs**
- ✓ **Portable dialysis machines** for patients with kidney disease
- ✓ **Pharmaceutical technologies** e.g. oncology drugs, antipsychotics, treatment for rheumatoid arthritis
- ✓ **Rapid diagnostic procedures**
- ✓ **Hip and knee replacements, heart valves, stents, lens implants for eyes and lightweight, interactive prostheses**
- ✓ **Decrease in cost of health care** due to improved techniques, reduction in staff needed, recovery/hospital time
- ✓ **Opportunity to reach a broader range of people**