



Implement Artificial Joint Implants To Go Green And Upload Information Systems To Jointly Protect People's Medical Safety

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Background

- Artificial joint replacement due to degenerative joints may need to be replaced again after a few years due to medical materials or surgical quality.
- Taiwan's National Health Insurance Agency (NHIA) promotes the artificial joint registry.
- Information such as medical device barcodes for long-term follow-up of the prognosis of implants, warning of poor products, reducing patient burden, and improving medical quality care.

Methods

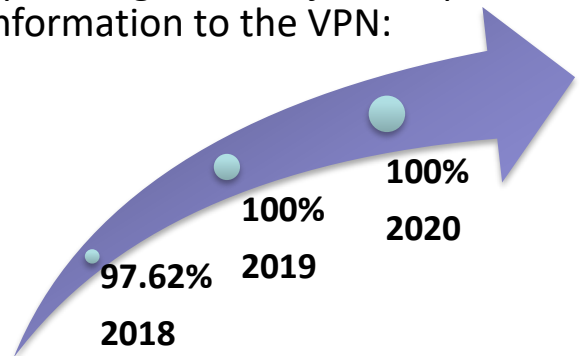
Perform Artificial Joint Implant Surgery.

Register and Upload Information to The NHIA Virtual Private Network (VPN):

1. The main surgical order code, type, and side.
2. Patient's height and weight.
3. Surgical approach.
4. Anesthesia risk classification.
5. The bar code of the medical devices for artificial joint implants.

Results

The average rate of logging and uploading artificial joint implants information to the VPN:



Conclusions

- Through the VPN, medical service agencies can query real-time medical information and the public can keep track of their own surgical history from the health passbook.
- The VPN database helps to reduce accidents, mortality and improves the quality of medical care.

Relevance to Health Promoting Hospitals and Health Services

Promote digital sharing of health care and health promotion through information transmission.

Keywords: health care quality, safety admission