

PROCEDURAL KITS

MAXIMIZING EFFICIENCIES & DELIVERING PATIENT CARE



Presentation of case studies and procedural box evaluations at:

- University Hospital Limerick, Ireland
- Great Western Hospital, England
- Aker University Hospital, Norway
- Clinical Institute Beato Matteo, Italy



HOW MEDTRONIC PROCEDURAL KITS SUPPORT EFFICIENCY WHILE IMPROVING PATIENT CARE



CHALLENGE

Savings are becoming harder to achieve and all aspects of healthcare need to be as economical as possible.

Health care budget is constrained while procedure volume increases:

- The **slowdown in funding** growth for many countries has put health services under **increasing financial pressure**.²
- Between 2003–2004 and 2013–2014, **surgical admissions increased by 27 %** in the UK.³

Cost is not just about price; the impact on the patient must also be considered.

Decisions on procurement are made by individuals:

- Individual trusts are responsible for their own procurement.
- Average **10 % difference in price** exists for the same item sourced by hospitals **across the UK**.⁴

Rationalising and standardising product choices could help to save around 10 % of the NHS consumables expenditure.⁶

It is essential to have the right equipment at the right time:

- Failure may lead to **surgical cancellations** if correct equipment is unavailable on the day.⁵
- **Poor inventory management** can lead to **increased consumable costs**.

More labour is needed to manage the inventory, as both nursing and supply chain staff must track and locate equipment.

High administration and inventory costs:

- A study in eight countries found that **administrative costs** accounted for **12–25 % of total hospital costs**.⁷
- Overstocking inventory is a major challenge for hospitals because:⁷
 - It leads to higher inventory costs.
 - **Products** are more likely to **pass their expiration date** and be wasted.

SOLUTION

Improve operational efficiency

- Great Western Hospital reported a **91 % reduction**⁸ in administration time when invoice reconciliation required investigation.
- In theatre, stock management time was **reduced by 5 minutes per day**⁸ at University Hospital Limerick.
- Order time was **reduced by up to 6 hours per year**⁸ in all hospitals assessed.

Reduce Inventory

- **30 % reduction** in **inventory volume** and **50 % reduction**⁸ in **inventory value** was reported by Clinical Institute Beato Matteo, Great Western Hospital and University Hospital Limerick.
- In one year, kits could have **saved** Great Western Hospital **£ 5000** in products scrapped **due to expiry**.

Ease stress and enhance the surgery experience

- University Hospital Limerick observed a **63 % reduction**⁸ in surgery set-up time
- Product selection error rate **reduced by 16 % to 20 %**⁸ at both University Hospital Limerick and Great Western Hospital.

BENEFITS

“It is a big advantage to use kits: we save time when ordering, and finding items is much easier.”

Danielle Langbrekke, Operating Room Head Nurse, Aker University Hospital

“Kits support our efforts towards surgery standardization, which is key to running an efficient and patient-centered service.”

Dr Roberto Tacchino, Surgeon, Head of Bariatric Department, Clinical Institute Beato Matteo

“The visibility we get with kits allows us to carry 50 % less inventory.”

Davide Magistrini, Head of Purchasing Department, Clinical Institute Beato Matteo

CUSTOM BOXES AND PACKS GIVE YOU ACCESS TO:



Globally
recognized
brands



Quality
you can
trust



The latest
medical
technologies



PROCEDURAL KITS

- Reduces the variability of clinical practice.
- Provides the latest technology.
- Ensures to get the right product at the right time.
- Reduces surgery set-up errors.
- Reduces preparation time of materials.
- Simplifies instruments handling per procedure.
- Facilitates the delivery of quality patient care.
- Enables cost control per surgical procedure.
- Reduces inventory levels.
- Reduces ordering process time.

1. Reducing Costs by Improving Process and Technology for Inventory Management in Hospitals. Legend, Myth or Reality? White paper: Jump Technologies. Available at: http://www.jumpstech.com/sites/default/files/Inventory%20Management%20for%20Hospitals_Legend%20Myth%20Reality_FINAL_0.pdf. Accessed 25/08/2016. 2. Focus in Health Spending. OECD. Available at: <https://www.oecd.org/health/health-systems/Focus-Health-Spending-2015.pdf> Accessed 07/09/2016. Accessed 07/09/2016. 3. Surgery and the NHS in numbers, Royal College of Surgeons. Available at: <https://www.rcseng.ac.uk/media/media-background-briefings-and-statistics/surgery-and-the-nhs-in-numbers> accessed 07/09/2016. Accessed 07/09/2016. 4. Buying power – an HSJ procurement supplement. Oct 2013. Accessible at: <https://www.hsj.co.uk/resource-centre/supplements/buying-power-an-hsj-procurement-supplement/5064565.article#.UpX37LwQyEo> Accessed 09/09/2016. 5. Right Patient, Right Equipment at the Right Time in the Right Operating Theatre. NHS Wales. Available at: <http://www.nhswalesawards.wales.nhs.uk/sitesplus/documents/1086/Right%20Patient%2C%20Right%20Equipment%20at%20the%20Right%20Time%20in%20the%20Right%20Operating%20Theatre.pdf> Accessed 06/09/2016. 6. Financial failure in the NHS. Available at: http://www.kingsfund.org.uk/sites/files/kf/field/field_publication_file/financial-failure-in-the-nhs-kingsfund-oct14.pdf Accessed 07/09/2016 Accessed 07/09/2016. Accessed 07/09/2016. 7. Himmelstein DU, Jun M, Busse R, Chevreul K, Geissler A, Jeurissen P, Thomson S, Vinet MA, Woolhandler S. Health Aff (Millwood). 2014;33(9):1586-94 – abstract only. Summary at: <http://www.commonwealthfund.org/publications/in-the-literature/2014/sep/hospital-administrative-costs>. 8. Procedural solutions box business case 16-weu-custom-procedure-kits-business-case-870893

Medtronic

IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

© 2019 Medtronic. All rights reserved. Medtronic, Medtronic logo and Further, Together are trademarks of Medtronic.™* Third party brands are trademarks of their respective owners. All other brands are trademarks of a Medtronic company. 19-emea-custom-procedural-kits-brochure-3464119

medtronic.com/covidien/en-gb/index.html