



## **Patient Safety**

### **Mobility**

hTrak firmly believes in, and is committed to, a completely mobile data capture platform for busy high cost procedural environments. This mobility promotes the accurate identification of procedural activity and dramatically improves workflow in a busy procedure. By eliminating the need to interact with a fixed data capture source such as a PC, staff are able to focus on their primary role in the procedure without having to change their normal interaction with the operating staff.

### **Patient Identification**

hTrak has been developed so that all data elements can be captured using the inbuilt barcode scanner. This is particularly important when it comes to accurately identifying the patient. By simply scanning the patient wristband or notes, the unique identifier for the patient's medical record number or the episode number is captured. This identifier is embedded as part of the record for the procedure being carried out.

### **Prosthesis Management**

hTrak has a unique ability to decode the manufacturer's barcode from the actual device packaging without the need for relabelling. hTrak is able to interpret barcodes constructed to either of the two global healthcare barcode standards, HIBCC and GS1.

hTrak is able to mandate the collection of lot and expiry information, even if those data elements are embedded in a second barcode on the packaging.

Once this data is captured by the handheld scanner, this information forms part of the procedure record. This clearly and accurately identifies the devices used during a procedure and associates them with the patient ID.

At any time, authorised personnel can run reports from the web server which quickly and accurately identify prostheses implanted and the patients involved.



## Recall Management

The hTrak web server has a standard report which allows authorised staff to enter a recalled device's details and obtain a detailed report clearly identifying the patients involved and other associated procedure data. This enables a hospital to very quickly identify patients involved in a recall and take prompt remedial action.

The hTrak handheld device enables staff to account for devices which may be consumed but for a variety of reasons may not actually end up being implanted in a patient. By simply selecting the reason from a drop down list, these devices will be accounted for in an audit context if recalled but clearly identified so that staff can clearly identify that there is no patient involvement.

## Expired Devices Warning

Because hTrak is able to scan and decode the *Manufacturers* barcode information, hTrak provides the operator with an audible and visible warning if an expired device is scanned.

## WHO Surgical Safety Checklist

For some time, hTrak has provided clients with the ability to incorporate a time out and surgical safety check list within the procedure capture process. We can now provide clients with the WHO Surgical Safety Checklist as a standard template in the handheld data capture profile. In the case of UK clients, this can be made available in the standard format approved by the NPSA for England and Wales.

The completion of this template can be mandated by a client as part of the handheld data collection profile. Management can even mandate the point in the procedure when this should be carried out. A complete audit for each procedure is available, identifying when these questions were completed and by whom.



### **Procedure Data Collection Management**

Each individual client is in complete control of their own procedure data collection environment. The hTrak mobile has an incredibly flexible interface which allows a great deal of customisation, without undermining hTrak's commitment to a single application version worldwide.

Clients can opt for an extremely basic data capture environment progressing to an extremely detailed one as staff and management meet the challenges associated with cultural change.

All hTrak functionality is "turned on" and available to all clients. There are no additional charges for additional functionality as it is progressively "turned on" if this is the chosen approach.

### **Secure Data Storage and Access**

All data synchronised from the handheld is transmitted in an encrypted form and stored on web servers located in highly secure data storage centres. hTrak only use data centres of the highest security level. No data is ever archived and every procedure stored is available to authorised staff from industry standard web browsers.