Data, data, data

Dr Jonathan Wallace

North Shore Hospital, Auckland, New Zealand

In recent years there has been a significant increase in the number of electronic systems and applications at all levels of health care. What do we do with all this data?

Increasing end-user access to clinically relevant and reliable data poses significant challenges. The traditional method of sending a request to an information analyst does not scale well with the rapidly growing demand to measure and improve the quality of clinical care. An alternative approach, that puts the power of exploring data in the hands of end users, involves using Business Intelligence (BI) software. This presentation will outline Waitemata DHB's implementation of QlikSense, which connects datasets we use every day to provide clinically useful information that engages clinicians and provides them with the detail and context required to drive change.

One of the key benefits of QlikSense is the ability to display detailed information about patient flows from referral, though to theatre and beyond. This information can then be linked to clinical process and outcome measures, both inside and beyond the operating theatre. This is of particular relevance to Anaesthesia where we practice as part of a wider team in patient care.