



**Service Priorities and Programmes**  
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**Gain A Preciousness: GAP analysis continuously stimulates nurses to improve the quality and safety in Operating Theatre**

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**Introduction**

The Duchess of Kent Children's Hospital at Sandy Bay (DKCH) is a Schedule 2 hospital, specialized in paediatrics development and orthopaedics operations. Peoples always presumed that, nurses working here may not take full advantage of each stage of the accreditation process.

**Objectives**

This abstract reports how the Gap Analysis before accreditation helps enhancing nurse engagement that improve the quality and safety of care.

**Methodology**

"Preparing Accreditation"

(1) We conducted a comprehensive resuscitation drill tailored-made to the operating theatre setting. The target participants were not only anaesthetists and nurses; patient care assistants and operating theatre assistants were also engaged.

(2) We also formed a working group for updating all references for ultra-major operations.

(3) At the same time, Ward manager shared the Risk Alert from HAHO in the monthly Quality and Safety seminar within the department.

(4) The Departmental Operating Manager reviewed more than 40 document related to operating theatre, and published onto Electronic Document Management System (eDMs).

"Literature Review"

We conducted an extensive literature review and identified the above preparation related to 4 areas correlated with accreditation:

1. Strengthens interdisciplinary team effectiveness (Pomey, Lemieux-Charles, 2010;

- Sutherland, 2006; NCQA, 2007; Simons, 2002; Shaw, 2003; El-Jardali, 2008)
2. Promotes capacity-building, professional development, and organizational learning (Pagliarulo, 1986; Baldi, 2000; Gluck, 2001; LTCQ, Inc., 2002; Montagu, 2003; Shaw, 2003; Mays, 2004; Pomey, 2005; Newhouse, 2006; René, 2006; Beaumont, 2008)
  3. Stimulates sustainable quality improvement efforts and continuously raises the bar with regard to quality improvement initiatives, policies, and processes (Chen, 2003; Leatherman, 2003; Montagu, 2003; Salmon, 2003; Mays, 2004; Sutherland 2006; El- Jardali, 2008)
  4. Demonstrates credibility and a commitment to quality and accountability (Greenfield, Pawsey & Braithwaite, 2008; Auras & Geraedts, 2010; Peter, Rotz, Blair, Khine, Freeman & Murtagh, 2010; Kaminski, 2012)

#### “Interviews and Surveys”

We interviewed nurses directly involved in the accreditation process, and analyzed the evaluation reports from participants after various seminars.

### **Result**

We conducted 2 surveys. Immediately after Gap Analysis, only 60% of staff was feeling confident in providing quality and safe services to the patients. 2 months after Gap Analysis, 80% of staff was feeling confident in it. At the same time, they rated the importance of carrying quality services, was also increased to 100%.

We concluded that the accreditation process showing sustainable conceptual changes and engagement in the Operating Theatre.