

## Case Study

## C.H. National d'Ophthalmologie des Quinze-Vingts (CHNO) increases efficiency with Stryker Eye Surgery Stretcher

### Situation

Standalone eye surgery centres have many challenges; two among them being a decrease in elective procedures and the nursing/staff shortages. These require the centres to find ways to cut costs and do more with less. Many surgery centres are trying to drive efficiencies by standardising processes amongst surgeons and driving fast turnovers between surgeries.<sup>1</sup> CHNO in Paris, France is one such centre that was looking to achieve efficiency savings.

CHNO had previously been using the standard operating tables to conduct eye surgeries. The use of the table for surgery posed many challenges such as multiple patient transfers, low weight capacity and no manoeuvrability. This led the centre to find a solution that can help reduce time from pre-op to post-op and enhance patient and caregiver comfort and safety with reduced transfers.

### Rationale

With 70 plus years of patient handling innovation Stryker recognised the need for one simple, reliable and efficient solution in day surgery and developed the Eye Surgery Stretcher model 1089. Launched in 1994, this versatile solution helps hospitals increase efficiencies by providing a mobile surgery and recovery platform. The exclusive dual articulating headrest provides optimal head end access for the surgeon, the 250kg. weight capacity enables patients of most sizes to use the stretcher, the optional crank/pneumatic backrest and knee gatch provide for enhanced patient comfort after surgery and the 5<sup>th</sup> wheel steering system ensures the stretcher is easy to manoeuvre.



Stryker Eye Surgery Stretcher  
Model 1089

### Methodology

Setting out with the objective of determining time savings between and during surgery, CHNO referred to data gathered since the procurement of the Stryker Eye stretchers (model 1069/1079). CHNO acknowledged that while the results obtained are not solely driven by the stretchers they did have a direct correlation to the use of the stretchers.

### Results

CHNO identified that they saved on average 10 mins or 33% per patient between pre-op to post-op. On average a cataract surgery takes between 10 – 15 minutes<sup>2</sup>. CHNO identified that certain surgeons were able to complete surgery in 8 mins which is between 20% – 46% savings in time gained.

### Conclusion

Stretcher design can impact the well-being of a caregiver, patient and provide a healthier bottom line for a surgery centre. The results at CHNO indicate the Stryker Eye Surgery stretcher can help drive time savings up to 33% over an entire surgery and up to 46% during surgery.<sup>3</sup>

1. Cataract Surgery. Retrieved from <http://healthtopics.hcf.com.au/CataractSurgery.aspx>

2. (August, 19 2010) "Challenges Facing Single-Specialty Eye Surgery Centres" - Interview with Dwayne Kertans of Constitution Surgery Centre. Retrieved from <http://www.beckerasc.com>

3. These results were obtained by CHNO and may not necessarily be experienced by all hospitals or surgery centres given differences in techniques and installations.

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings.

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