The LifeWrap NASG (Non-Pneumatic Anti-Shock Garment) is a lightweight (1.5kg), washable and reusable first aid compression device made of Durapren™ fastened with velcro over a foam compression ball.

Once in place, the LifeWrap NASG applies enough circumferential counter pressure to decrease blood loss and reverse shock by increasing blood pressure to the heart, brain, and lungs. In so doing, it reverses hypovolaemic shock resulting from Obstetric Haemorrhage, and has proven effective in stabilising patients for up to 3 days, while patients are transported to a health centre with the ability to administer blood transfusions and provide definitive medical or surgical interventions.

THE 2012 WHO RECOMMENDATIONS FOR THE PREVENTION AND TREATMENT OF PPH INCLUDE USE OF THE NASG AS A TEMPORIZING MEASURE UNTIL APPROPRIATE CARE IS AVAILABLE.

The LifeWrap NASG offers a cost effective, easily applied, first-aid solution which can stabilise the patient for long enough to safely transport her to larger facilities for further care.

Ours is the most long lasting and cost effective product on the market.
**PROVEN REDUCTION IN MATERNAL MORTALITY**

**Meta Analysis**

UCSF and International Partners in Nigeria, Egypt, Zambia, Zimbabwe and India have documented the use of the NASG on over 5,500 women with severe haemorrhage and shock.

Using the case studies in these 5 countries, UCSF were able, with a quasi-experimental design (unrandomised) to study a cohort that comprised of 3,561 women suffering severe obstetric haemorrhage and hypovolaemic shock. About one third (1,227) of these women were in the most severe shock with evidence of decreased oxygen to their brain, heart and lungs. Of the total sample size, 45% were treated with standard care PLUS the NASG and 55% received standard care only.

The results showed a 38% decrease in mortality among women who received the NASG, while the reduction in mortality was even greater for those in the worst condition at 63%

**META ANALYSIS CONCLUSION:** At the Tertiary level, the NASG plus standard care significantly reduces mortality, especially for women in more severe shock. The Odds Ratio for mortality for all participants was OR 0.62, 95% CI 0.44-0.86, and OR 0.37, 95% CI 0.25-0.56 for the most severe cases.

For more information on this study – please go to the UCSF Safe Motherhood Program website, where you can download the entire study http://www.safemotherhood.ucsf.edu/publications/