



Jefferys, A., Lenguerrand, E., Cornthwaite, K., Johnson, A., Lynch, M., Hyde, J., Draycott, T., & Siassakos, D. (2017). Deflation versus maintained inflation of gastric band in pregnancy: A national cohort study. *Obstetric Medicine*, 10(2), 67-73.
<https://doi.org/10.1177/1753495X16681200>

Peer reviewed version

Link to published version (if available):
[10.1177/1753495X16681200](https://doi.org/10.1177/1753495X16681200)

[Link to publication record in Explore Bristol Research](#)
PDF-document

This is the author accepted manuscript (AAM). The final published version (version of record) is available online via Sage at <http://journals.sagepub.com/doi/10.1177/1753495X16681200> . Please refer to any applicable terms of use of the publisher.

University of Bristol - Explore Bristol Research

General rights

This document is made available in accordance with publisher policies. Please cite only the published version using the reference above. Full terms of use are available:
<http://www.bristol.ac.uk/pure/user-guides/explore-bristol-research/ebr-terms/>

Table 2. Maternal outcomes: Deflation vs Inflation*

	Deflated vs Inflated (reference)			
	Deflated [†] (n=42)	Inflated [‡] (n=54)	Coef./RR, 95%CI	P value
Weight gain[§]				
Mean (kg) (95% CI)	15.4 (10.8-20.0)	7.6 (3.7-11.5)	5.86 (0.09-11.63)	0.05
BMI change[¶]				
Mean (kg/m ²) (95% CI)	5.6 (4.0-7.1)	2.4 (1.1-3.7)	2.56 (0.63-4.49)	0.01
Gestational Hypertension				
n= (%)	4 (10.5)	0 (0.0)	6.86 (0.83-inf) [#]	0.08
Pre-eclampsia				
n= (%)	2 (5.0)	0 (0.0)	3.32 (0.25-inf) [#]	0.36
Gestational diabetes^{**}				
n= (%)	3 (7.7)	4 (8.0)	0.97 (0.23-3.99)	0.96
Labour induced^{††}				
n= (%)	13 (31.0)	23 (43.4)	0.70 (0.41-1.22)	0.21
Labour spontaneous^{††}				
n= (%)	19 (45.2)	23 (43.4)	1.06 (0.67-1.68)	0.81
Caesarean section^{††}				
n= (%)	21 (50.0)	23 (43.4)	1.15 (0.76-1.75)	0.51
Elective CS^{††}				
n= (%)	10 (23.8)	8 (15.1)	1.67 (0.80-3.51)	0.17
Emergency CS^{††}				
n= (%)	11 (26.19)	15 (28.3)	0.96 (0.50-1.85)	0.91
Anaemia^{††}				
n= (%)	7 (17.1)	9 (16.7)	1.07 (0.41-2.83)	0.89
Maternal thromboembolic disease				
n= (%)	0 (0.0)	2 (3.7)	0.54 (0.00-7.01) [#]	0.64

*Proportions and means derived after excluding missing data. †Pregnant women who underwent band deflation pre-pregnancy or during pregnancy. ‡Pregnant women who had band inflation maintained throughout pregnancy. §Weight gain between first and third trimester. Linear regressions. Adjusted for time of first trimester assessment and number of days between first and third trimester assessments + age, parity, smoking status, and BMI at first trimester visit. ¶BMI change between first and third trimester. ||Patients with pre-existing hypertension excluded. #Unadjusted exact logistic regression conducted due to the absence of cases in one group. **Patients with pre-pregnancy diabetes excluded. ††Modified Poisson regressions. Adjusted for age, parity, smoking status, and BMI at first trimester visit.

