

26 November 2018

Addendum to the “Evaluation of the Saving Babies’ Lives Care Bundle in early adopter NHS Trusts in England” Report. Version 3.0. November 2018:**CORRECTION: K2 Medical Systems Terminology and Costs****1. Introduction**

This document is an addendum to the report “Evaluation of the Saving Babies’ Lives Care Bundle in early adopter NHS Trusts in England”. Version 3.0. November 2018. This version of the attached report supersedes version 2.0, published in August 2018. This addendum summarises and documents the changes that have been made to version 3.0 from version 2.0.

2. Correction to K2 Medical Systems terminology and costs

It is recognised that there were some inaccuracies regarding our terminology for the K2 Medical Systems (K2MS) software that provides online training for cardiotocography (CTG). This was erroneously referred to as “K2 Athena” (version 2.0) and has been replaced with the correct term “K2MS Perinatal Training Programme (PTP)” (version 3.0).

The primary cost estimate for CTG training was based on the cost of K2 PTP as identified in a confidential NHS report (£100 per person), leading to an estimated total cost of £755,117 across all 19 Trusts. Direct consultation with K2MS regarding licenses and training costs was not sought prior to publication. We have since been informed that K2 PTP is sold to UK Trusts with a Trust wide license at an average cost £4,000 per year which they estimate to be approximately equivalent to £20 per person. As it is not mandated that Trusts use K2 PTP as part of the Saving Babies' Lives Care Bundle, the report has been revised to make it clear that the estimated cost of CTG training is for a generic training package. Alternative training courses identified cost £95 and £120 therefore the primary estimate of £100 was considered plausible. To explore the implications of alternative cost estimates, we have conducted additional sensitivity analyses using the £20 pp/year cost and a mid-point of the two cost estimates (£60 pp/year).

The University of Manchester sincerely apologises for these errors and have rectified the report accordingly. The changes are described below.

3. List of changes

The following changes have been made to version 3.0, (November 2018) of the report:

- *Section 2.6, Sub-section: The cost of implementation, page 10:* The following paragraph was added for clarity “Where a range of plausible unit costs was identified for a particular

resource (rather than a single cost), one value was used in the primary analysis with alternative costs explored in sensitivity analyses (see below). For example, a range of costs were identified for third-party provision of CTG training (£20-120 per person); £100 was used in the primary analysis and sensitivity analyses used £20 and £60”.

- *Section 9.3, Sub-section: The cost of implementation, page 52, line 3:* the word “generic” was added for clarity.
- *Section 9.4, Page 53.* “K2MS Athena” has been amended to K2MS Perinatal Training Programme (PTP). Minor changes to the text to provide clarification regarding the process of obtaining CTG training records.
- *Section 10.2, Table 16, Row 6:* “Online” replaced with “generic”.
- *Section 10.4, Page 60, Line 6:* “£69,589,179” replaced with “£70,188,525”.
- *Section 10.4, Page 60, Table 17:* Additional line added: Cost of CTG training - £20 per person (versus £100) – change in cost £ 2, 397,385 lower and £91,917,958 total cost.
- *Section 10.5, Page 62, Line 18:* deleted “use of the K2 training programme for CTG interpretation”. Replaced with “A number of Trusts also reported using a third-party provider for CTG training therefore an estimated cost of a generic externally-facilitated training program was also included in the implementation cost.”
- *Appendix, Table 25, Row 4:* Deleted “Assumption: The mean number of obstetric consultants reported by the Trusts was 3 per 1000 births; the same was true for the number of junior doctors. Based on this it was estimated that there were 1998 obstetric consultants in England. RCOG figures estimate 2686 obstetric (or gynaecology) consultants in England so this estimate appears plausible” and “Sensitivity Analysis: only midwives complete training”.
- *Appendix, Table 25, Row 4:* “Free” was replaced with “The cost of training is £60 pp/year (mid-point) ii. The cost of training is £20 pp/year.
- *Appendix, Table 26, Sensitivity 1, Element 4:* “£0 Training is free of charge” replaced with “£1,798,039 Training costs £60pp: midwives, junior doctor, consultants training”.
- *Appendix, Table 26, Sensitivity 2, Element 4:* “£2,597,200 only midwives are trained” replaced with “£599,346 Training costs £20pp: midwives, junior doctor, consultants training”.