

**Specialist neonatal respiratory care for babies born preterm  
committee meeting 8**

**Date:** 21<sup>st</sup> February 2018

**Location:** RCOG, London

**Minutes:** CONFIRMED

<b>Committee members present:</b>	
Janet Rennie	(Present for notes 1 – 10)
Aung Soe	(Present for notes 1 – 10)
David Quine	(Present for notes 1 – 10)
Nazakat Merchant	(Present for notes 1 – 10)
Pramod Mainie	(Present for notes 1 – 10)
Gillian Kennedy	(Present for notes 1 – 10)
Sumiah Al-Azeib	(Present for notes 1 – 10)
Emily Goss	(Present for notes 1 – 10)
Joanna Goodman	(Present for notes 1 – 10)
Josie Anderson	(Present for notes 1 – 10)
Debbie Webster	(Present for notes 1 – 10)

<b>In attendance:</b>		
Hilary Eadon	NGA Guideline Lead	(Present for notes 1 – 10)
Shona Burman-Roy	NGA Senior Systematic Reviewer	(Present for notes 1 – 4)
Kelly Williams	NGA Systematic Reviewer	(Present for notes 1 – 10)
Audrey Tan ( <i>via VC</i> )	NGA Systematic Reviewer	(Present for notes 4 – 10)
Eric Slade	NGA Health Economist	(Present for notes 1 – 10)
Michaela Dijmarescu	NGA Project Manager	(Present for notes 1 – 10)
Catrina Charlton	NICE Guideline Commissioning Manager	(Present for notes 1 – 10)

<b>Observers:</b>
Sofia Dias, <i>Technical Support Unit, Bristol University</i>
David Phillippo, <i>Technical Support Unit, Bristol University</i>

Caitlin Daly, *Technical Support Unit, Bristol University (via VC)*

Steven Barnes, *NICE Technical Advisor*

Rachel O'Mahony, *NICE Technical Advisor*

Ifigeneia Mavranouzouli, *NGA Senior Health Economist (via VC)*

**Apologies:**

Louise Weaver-Lowe

**1. Welcome**

- **Objectives for the meeting,**
- **Confirmation of matter under discussion,**
- **Declarations of interest, minutes of last meeting**

The Chair welcomed the Committee members and attendees to the 8th meeting. No members of the public had asked to observe this meeting.

The Chair confirmed that, for the purpose of managing conflicts of interest, the matter under discussion was specialist neonatal respiratory care in preterm babies.

There were no new declarations of interests.

The Chair discussed with the committee the actions from the previous meeting and matters arising for the meeting. The committee signed off the web minutes for committee meeting 7.

The Chair introduced Michaela Dijmarescu (NGA Project Manager) who reminded the committee about the end of financial year (March 2018) expense claims cut-off dates.

**2. Review 3.2 Invasive ventilation techniques**

The Chair introduced Eric Slade (NGA Health Economist) who presented the Network Meta-Analysis for invasive ventilation techniques for review question 3.2 (*What is the effectiveness and safety of the different ventilation techniques in preterm babies needing respiratory support?*) and then took questions from the committee.

The Chair introduced Kelly Williams (NGA Systematic Reviewer) who presented the pairwise analysis for invasive ventilation techniques for review question 3.2 and then took questions from the committee.

The Chair introduced Eric Slade (NGA Health Economist) who presented de novo economic modelling considerations for review question 3.2 and took questions from the committee.

The Chair led a discussion with the committee to develop the recommendations for review question 3.2 invasive ventilation techniques.

### **3. Threshold analysis introduction**

The Chair introduced David Phillippo (Technical Support Unit, University of Bristol) who presented an introduction to threshold analysis and its applications to NICE guidelines development and took questions from the committee.

### **4. Threshold analysis results and discussion**

The Chair introduced David Phillippo (Technical Support Unit, University of Bristol) who presented the results of threshold analysis conducted on review question 3.2 – invasive ventilation techniques and took questions from the committee.

### **5. Review 3.2 Non-invasive ventilation techniques**

The Chair introduced Eric Slade (NGA Health Economist) who presented the Network Meta-Analysis for non-invasive ventilation techniques for review question 3.2 (*What is the effectiveness and safety of the different ventilation techniques in preterm babies needing respiratory support?*) and then took questions from the committee.

The Chair introduced Kelly Williams (NGA Systematic Reviewer) and Audrey Tan (NGA Systematic Reviewer, via video link). Kelly Williams presented the pairwise analysis for non-invasive ventilation techniques for review question 3.2 and together with Audrey Tan took questions from the committee.

The Chair introduced Eric Slade (NGA Health Economist) who presented existing economic evidence and took questions from the committee.

The Chair led a discussion with the committee to develop the recommendations for review question 3.2 non-invasive ventilation techniques.

### **6. Review 1.1 What respiratory support (excluding resuscitation) is the most effective for preterm babies before admission to the neonatal unit?**

The Chair introduced Kelly Williams (NGA Systematic Reviewer) who presented the clinical evidence for review question 1.1 and took questions from the committee.

The Chair led a discussion with the committee to develop the recommendations.

### **7. Lay member forum**

The lay members did not raise any questions in the forum.

### **8. Review NICE edits to recommendations for review questions 2.1, 6.2, 6.3, 3.3**

**and 5.2.**

*2.1 What are the risk factors for bronchopulmonary dysplasia in preterm babies requiring respiratory support?*

*6.2 What support is valued by parents and carers of preterm babies who are receiving respiratory support in hospital?*

*6.3 What information, and in what format, is valued by parents and carers of preterm babies who are receiving respiratory support in hospital?*

*3.3 What is the most effective way of using surfactant in managing respiratory distress syndrome?*

*5.2 What is the effectiveness of using pre-medication for elective intubation in preterm babies?*

The Chair introduced Hilary Eadon (NGA Guideline Lead) who presented the committee with the latest NICE edits to the recommendations. The committee discussed the suggested changes and revised the recommendations.

**9. Any other business**

The Chair introduced Hilary Eadon (NGA Guideline Lead) who explained to the committee the process for reviewing the evidence reports and completing the research recommendations.

**10. Close of meeting**

The Chair closed the meeting and reminded the committee that the date of the 9<sup>th</sup> committee meeting is the 27<sup>th</sup> March 2018.

**Date of next meeting:** 27<sup>th</sup> March 2018

**Location of next meeting:** Royal College of Obstetricians and Gynaecologists,  
London