Date and Time:  Wednesday 3\textsuperscript{rd} October, 2012 (Time: 10:00-16:30)  
Thursday 4\textsuperscript{th} October, 2012 (Time: 9:30-16:00)  

Minutes:  
Guideline Development Group  
IV Fluid Therapy Management meetings 9 and 10  

Place:  
Day 1: Heberden room, Royal College of Physicians, 11, St. Andrews Place, Regents Park, London  
Day 2: Boardroom, National Clinical Guideline Centre, Great Portland Street, London  

Present:  
Mike Stroud (Chair)  
Joanna Ashe  
Ian Bullock  
Lee-Yee Chong  
Paul Cook  
Varo Kirthi  
Andrew Lewington (attended on day 1)  
Richard Leach  
Tom McLoughlin-Yip  
Clifford Middleton  
Michael Mythen  
Patrick Nee  
Fleur North  
Smita Padhi  
Sarah Palombella (attended on day 2)  
Katie Scales  
Rebecca Sherratt  
Mark Tomlin  
David Wonderling (attended on day 2)  

Apologies  
Reem Al-Jayyousi  
Lilian Li  
Dileep Lobo  
Neil Soni  

Notes- Day 1  
1. The Chair welcomed the group to the ninth meeting of this GDG. Apologies were received from Reem Al-Jayyousi, Lilian Li, Dileep Lobo and Neil Soni. The Chair asked all GDG members to declare any relevant conflicts of interest. No GDG member declared any interests. No other previously declared interests were deemed to require any action. The Chair introduced Clifford Middleton, NICE Guidelines Commissioning Manager who will be taking on the role from Sarah Dunsdon.  

2. Smita Padhi, Research Fellow and Project Manager, presented the evidence for use of algorithms in the management of intravenous fluid therapy. The GDG discussed the evidence and drafted recommendations and algorithms. The Chair thanked SP for her input.  

3. Kirthi Varo gave a presentation on National Early Warning Score. The Chair thanked KV for his input.  

4. Smita Padhi, Research Fellow and Project Manager, gave a presentation on the structure and outline of the intravenous fluids therapy guideline. The Chair thanked SP for her input.
5. For any other business, Ian Bullock, COO, NCGC, highlighted that Michael Mythen will be stepping down as GDG member but will continue to support the GDG as an expert advisor. No other business was discussed.

6. The Chair closed the meeting and thanked everyone for attending.

**Notes- Day 2**

7. The Chair welcomed the group to the tenth meeting of this GDG.

8. Lee Yee Chong, Senior Research Fellow, presented the clinical evidence for measurement of daily weights. David Wonderling, Health Economics Lead, presented the cost-effectiveness evidence for measurement of daily weights. The GDG discussed the evidence and drafted recommendations. The Chair thanked both LYC and DW for their input.

9. Lee Yee Chong, Senior Research Fellow, presented the clinical evidence for measurement of urinary output and recording fluid balance charts. David Wonderling, Health Economics Lead, NCGC, presented the cost-effectiveness evidence for measurement of urinary output and recording fluid balance charts. The GDG discussed the evidence and drafted recommendations. The Chair thanked both LYC and DW for their input.

10. David Wonderling, Health Economics Lead, NCGC, presented the cost-effectiveness evidence for maintenance in intravenous fluid therapy. The GDG discussed the evidence. The evidence will be revisited after further analysis is done. The Chair thanked DW for his input.

11. Hati Zorba, Project Co-ordinator, gave a presentation on Claromentis and its use. The chair thanked HZ for her input.

12. For any other business, Smita Padhi, Research Fellow and Project Manager, highlighted that the chapters will be updated and then uploaded on Claromentis for comment and sign off. No other business was discussed.

13. The Chair closed the meeting and thanked everyone for attending.

**Date, time and venue of the next meeting**

Wednesday, 12th December, 2012, 10.00am- 4.00pm, NCGC Offices, Great Portland Street, London