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Finalist Primary Care Innovation at the HealthCare Transformation Awards 2018  
Shortlisted Respiratory Nursing – Nursing Times Award 2018

### Background

In 2016, PPLOG was set up by a group of clinicians across London representing Neonatal, Community & Paediatric Respiratory settings

1. No standardisation
2. Current home assessment forms not paediatric specific
3. Minimal evidence base and guidance
4. No clear pathways for complex discharges

### Aim

To standardise the discharge process and home oxygen pathway for all children & young people within the hospital & community settings

### Sharing Best Practice

1. National impact through network meetings & oxygen study days
2. PPLOG study days July 2018 (attended 53 delegates)
3. PPLOG study day October 2018 (60 delegates)
4. South West England involvement through baseline Audit
5. Discharge Bundle available on Respiratory Futures Website

### Innovation

#### DISCHARGE BUNDLE Documents

- > Home Oxygen Discharge Pathway
- > Home Oxygen Discharge Planning Checklist
- > Parent/Carer/Staff competencies
- > Home Oxygen Risk Assessment Form Prior to Discharge, including Guidelines for completing the Home Oxygen Assessment
- > Home Oxygen Home Visit Review Document
- > Escalation Care Plan with or without Saturation Monitoring
- > Community Nursing Team Care Plan-Oxygen Therapy Management

### Collaboration

1. Involvement of over 11 Trusts across London
2. Nurse-led
3. Linking Community, Neonatal and Tertiary Respiratory services
4. Identified a quality improvement opportunity for Paediatric and Neonatal Respiratory Nursing

### Clinical effectiveness

1. Discharge pathway
2. Education: Biannual Paediatric Oxygen Study Days
3. Network of Paediatric & Neonatal Oxygen specialists
4. Bridging the gap between paediatric and adult services
5. Further Guidance based on oxygen weaning
6. Audits and Research

### Baseline Audit

1. 47 Respondents (12% reported no formal oxygen education program, 40% not having a parent/carer competency document)
2. Almost 100% thought that a Pan London Discharge Bundle would be useful to support discharge

### Study Day Feedback

100% of respondents would recommend the study day and wish they had the knowledge earlier

1. Barking, Havering and Redbridge University Hospitals NHS, 2. Kings College NHS, 3. Homerton University Hospital NHS Foundation Trust, 4. East London NHS Foundation Trust, 5. Great Ormond Street Hospital for Children NHS Foundation Trust, 6. Guy's and St Thomas' NHS Foundation Trust, 7. Barts Health NHS Trust, 8. Air Liquide, 9. Bromley Healthcare, 10. Central London Community Healthcare NHS Trust, 11. Camden and Islington NHS Foundation Trust

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