Appendix 4 (as supplied by authors): Interventions selected by the Pulmonary Group

Hospital	G	H	I	J	K	L
1. Antenatal management						
Implement antenatal steroid treatment protocol	P	P	P	X	P	P
Treat ureaplasma infections in pregnant women with erythromycin	O	O	O	O	O	X
Antibiotics to women with prelabour rupture of the membranes preterm	O	O	X	P	X	X
2. Delivery room and resuscitation practices						
Team of neonatologist (or fellow), nurse and respiratory therapist to attend high risk deliveries	P	P	P	P	P	P
Prophylactic surfactant treatment within 30 minutes of birth for infants <28 weeks or <1250g birth weight	X	X	O	X	P	X
Restrict hand ventilation	X	X	O	X	P	X
Limit tidal volume used in hand ventilation	X	O	O	P	O	X
Use of Laerdal bags with PEEP	O	O	O	O	O	X
Restrict exposure to oxygen by using blended gas	O	X	O	P	P	X
3. Continuous Positive Airway Pressure (CPAP)						
Adopt algorithm for CPAP use	O	X	O	X	O	O
Early use of CPAP among infants needing supplemental oxygen	O	O	X	P	P	X
Emphasize liberal use of CPAP instead of mechanical ventilation	O	X	X	P	O	O
Employ long-term CPAP treatment strategy	O	O	O	P	O	O
Avoid re-intubation if on treatment with CPAP	O	O	O	X	O	O
4. Mechanical ventilation						
Adopt algorithm for mechanical ventilation	O	X	O	X	O	O
Early use of high frequency ventilation when needed	O	O	X	P	O	O
Limit tidal volumes used	O	O	X	P	O	O
Adopt trigger ventilation and volume guarantee modes	O	O	X	P	O	P
Aggressive weaning of mechanical ventilation	O	O	O	P	O	O
Early extubation to CPAP	O	P	O	P	O	O
5. Blood gases						
Adopt algorithm for blood gas monitoring	O	X	O	O	O	O
Minimize blood sampling for gases	O	O	O	O	O	O
Adopt normocarbia policy (Keep pCO2 between 40 to 55 mm Hg)	X	X	X	X	O	O
6. Oxygen and oxygen saturation						
Treat oxygen as a drug	O	O	O	P	P	O
Physician orders required for use of oxygen	O	O	O	P	O	O
Goal to keep oxygen saturation between 88%–92%	X	P	X	X	X	X
Set alarm limits between 85% and 95%	X	X	O	P	X	X
7. Fluids and nutrition						
Adopt high humidity environment	O	P	O	P	O	O
Restrict fluid intake	O	P	O	P	O	X
Avoid volume expansion to treat hypotension	O	O	O	O	O	O
Early parenteral protein and lipid nutrition within 4 hours after birth	O	X	X	O	X	X
Maximize caloric intake	O	P	X	P	O	O
Early enteral nutrition	O	X	O	P	P	X
Promote use of breast milk	O	P	P	P	O	P
8. Environment						
Adopt pain management protocol	O	O	O	O	O	O
Minimize noise in NICU	O	O	P	P	X	O
Adopt NIDCAP protocol	O	O	O	O	O	O
Employ massage therapy	O	O	O	O	O	O
Provide comment cards to parents and pay attention to feedback	O	O	O	X	O	O

P=intervention introduced prior to EPIQ study; X=Intervention introduced during EPIQ study; O=no systematic policy in place