No. of procedures % of neonates Invasive procedures No. of affected neonates Peripheral venous catheter 256 116 78.3 Endotracheal intubation 133 59 39.8 Mechanical ventilation 59 59 39.8 67 46 31 Continuous positive airway pressure Ambulatory ventilation 91 55 37.1 Venous cutdown 0.67 Intraosseous needle 0.67 Surgically placed central venous catheter 35 35 23.6 Umbilical venous catheter 40 40 Exchange transfusion 4.7

10

118

18

54

18

6.7

36.4

12.1

Table 2 Invasive procedures performed on neonates

Chest tube

Urinary catheter

Blood and blood product transfusion