

Title	Broselow Emergency Reference Tape Inspired Resuscitation Boxes
Organisation	Mitchell's Plan Community Health Centre, Western Cape Province
Innovation	<p>During pediatric resuscitation, the Broselow tape is used to assess the child's weight by measuring the infant with a ruler and determine the Broselow colour to conveniently take the resuscitation box corresponding to the colour.</p> <p>Each box will have a checklist corresponding with the equipment in the box. The shift leader will then ensure that equipment checklist is completed and used equipment replaced in the box after resuscitation and the box is sealed with two cable ties which will confirm that the box is complete.</p> <p>Equipment:</p> <ul style="list-style-type: none"> • 1.5L utility Big Jim boxes with a lid. • Broselow tape (copy) in a sleeve (Perspex sleeve). • Resuscitation boxes according to Broselow tape colour codes (9 boxes). • Cable ties. • Each box has 1 ET tube of the same size, intravenous canula, oral airway, IVI line/short line. • Medication dosing instructions attached to the lid of each box. • Airway equipment list with correct sizing on the flip side of lid. • An empty pediatric equipment checklist placed in each box for completion after box has been used.
Impact	<p>The following are areas where the solution has had impact:</p> <ul style="list-style-type: none"> • Time saved during resuscitations is 4 minutes. • It has ensured a better and structured pediatric resuscitation. • Reduction in time to intervene/intubation. • Less staff required to assist with intervention. • Reduction in anxiety levels of staff. • Reduced time spent on working out treatment dosages. • Prompts restock of vital equipment. • Improved outcomes of children needing intubation.