

# Contents

	Pages
• <b>List of Abbreviation</b> .....	<b>I</b>
• <b>List of Tables</b> .....	<b>VII</b>
• <b>List of Figures</b> .....	<b>XI</b>
• <b>Introduction</b> .....	<b>1</b>
• <b>Aim of the Work</b> .....	<b>3</b>
• <b>Review of Literature</b> .....	<b>4</b>
Neonatal transition.....	<b>4</b>
Respiratory distress syndrome.....	<b>9</b>
Congenital pneumonia.....	<b>18</b>
Apnea of prematurity.....	<b>27</b>
Bronchopulmonary dysplasia.....	<b>33</b>
Pulmonary air-leak syndromes.....	<b>44</b>
Selection of an oxygen delivery device.....	<b>49</b>
Continuous positive airway pressure (CPAP) .....	<b>68</b>
Mechanical Ventilation.....	<b>95</b>
▪ Neonatal Time-Triggered, Pressure-Limited, Time-Cycled Mechanical Ventilation.....	<b>117</b>
▪ Complications Of Mechanical Ventilation.....	<b>126</b>
• <b>Patients and Methods</b> .....	<b>130</b>
• <b>Results</b> .....	<b>135</b>
• <b>Discussion</b> .....	<b>181</b>
• <b>Summary</b> .....	<b>206</b>
• <b>Conclusions</b> .....	<b>209</b>
• <b>Recommendations</b> .....	<b>210</b>
• <b>References</b> .....	<b>212</b>