# List of Tables

1. Samanya nidana for agnidushti ................................................................. 77
2. The classical etiological factors of Amlapitta ........................................... 82
3. Aharaja and Manasika Hetus ................................................................. 83
4. The involved Nidana and the affected dosha ........................................... 84
5. Nidana and the affected dosha - A comparison ...................................... 84
6. Symptoms of the Saama doshas ............................................................. 89
7. Symptoms of Amlapitta .......................................................................... 102
8. Symptoms of Amlapitta by various authors - a comparison ....................... 102
9. Symptoms of Ekadoshaja Amlapitta ....................................................... 103
10. Symptoms of Vatika Amlapitta - comparison ........................................... 103
11. Symptoms of Kaphadhika Amlapitta - comparison ................................... 104
12. Visishta lakshana of Urdhwaga Amlapitta ............................................ 104
13. Visishta lakshana of Adhoga Amlapitta ................................................. 105
14. Upadravas of Amlapitta ............................................................... 111
15. Indications of Mahatiktaka gritha ......................................................... 124
16. List of Ingredients of Mahatiktakam Kwatham tablet ................................ 126
17. Physico chemical parameters of Kwatham ............................................. 129
18. Physico chemical parameters of Kwatham tablet ..................................... 130
19. Properties of the drugs in Mahatiktaka Yoga ......................................... 131
20. Master drug Chart ........................................................................ 145
21. Distribution according to Demographic data .......................................... 157
22. Mean distribution of Vital parameters .................................................... 161
23. Mean scores of Routine blood examination ........................................... 163
24. Mean values of LFT between groups ...................................................... 165
25. Distribution according to abdominal shape ............................................. 166
26. Distribution according to shape of the umbilicus ..................................... 167
27. Distribution according to the elicited tenderness ...................................... 167
28. Distribution according to the status of Agni ............................................ 168
29. Distribution according to the status of Koshta ........................................ 169
30. Distribution according to the satwa ......................................................... 170
31. Distribution according to the type of the food ....................................... 171
32. Distribution according to the timing of the meals .................................... 171
33. Distribution according to the pace of food intake .................................... 172
34. Distribution according to the skipping of meals ...................................... 172
35. Distribution according to the intake of food after having appetite .......... 173
36. Distribution according to the atmosphere of food intake ......................... 173
37. Distribution according to the intake of altered food ............................... 174
38. Distribution according to the excess intake of rasas ............................... 174
39. Distribution according to the various habits ......................................... 175
40. Distribution according to the nature of the pureesha .............................. 176
41. Distribution according to the nature of the sleep ................................. 177
42. Distribution according to the family history of Amlapitta ....................... 177
43. Distribution according to the Sareerika prakrithi ................................. 178
44. Distribution according to the Manasa prakrithi .................................... 179
45. Distribution according to the Dosha status ........................................ 179
46. Distribution according to the involved dhatu ...................................... 180
47. Distribution according to the guna of food ....................................... 181
48. Distribution according to the Abyavaharana sakthi ............................. 182
49. Distribution according to the Jarana sakthi ........................................ 182
50. Distribution according to the use of NSAID’s ..................................... 183
51. Distribution according to the factors affecting the digestion .................. 183
52. Distribution of individual symptoms of FD with duration ..................... 185
53. Distribution of individual symptoms of Amlapitta with duration .......... 188
54. Levene’s test - age ....................................................................... 191
55. Levene’s test - GSRS score .......................................................... 191
56. Test for independence of variables - Trial group ................................. 192
57. Test for independence of variables - Control group ............................ 192
58. F test for independence of Variables - Both groups before treatment -
    Amlapitta rating scale .................................................................... 192
59. Mean distribution of efficacy of therapy on Abdominal pain - both groups .. 193
60. F-test trial group - Abdominal pain .................................................. 194
61. F-test control group - Abdominal pain ............................................. 195
62. Tukey Kramer test - trial group - Abdominal pain ............................. 195
63. Tukey Kramer test - control group - Abdominal pain ......................... 196
64. Unpaired t test - between groups - Abdominal pain .......................... 196
65. Mean distribution of efficacy of therapy on Heart burn - both groups ...... 198
66. F Test - Trial Group- Heart Burn ..................................................... 198
67. F Test - Control Group - Heart Burn ............................................... 199
68. Tukey Kramer test - trial group - Heart burn .................................... 200
69. Tukey Kramer test - control group - Heart burn ............................... 200
70. Unpaired t test - between groups - Heart burn ................................. 201
71. Mean distribution of efficacy of therapy on Acid regurgitation - both groups .. 202
72. F Test - trial group - Acid regurgitation .......................................... 203
73. F Test - control group - Acid regurgitation ...................................... 203
74. Tukey Kramer test - trial group - Acid regurgitation ......................... 204
75. Tukey Kramer test - control group - Acid regurgitation .................... 205
76. Unpaired t test - between groups - Acid regurgitation ........................................ 206
77. Mean distribution of efficacy of therapy on Sucking sensation - both groups ...... 207
78. F Test - trial Group - Sucking Sensation .............................................................. 208
79. F Test - control Group - Sucking Sensation ....................................................... 209
80. Tuckey Kramer test - trial group - Sucking sensation ........................................ 209
81. Tuckey Kramer test - control group - Sucking sensation ................................... 210
82. Unpaired t test - between groups - Sucking sensation ..................................... 210
83. Mean distribution of efficacy of therapy on Nausea/ vomiting - both group ...... 212
84. F Test - trial Group - Nausea/ Vomiting ......................................................... 212
85. F Test - control Group - Nausea / Vomiting .................................................... 213
86. Tuckey Kramer test - trial group - Nausea / vomiting ..................................... 214
87. Tuckey Kramer test - control group - Nausea / vomiting .................................. 215
88. Unpaired t test - between groups - Nausea / vomiting .................................... 215
89. Mean distribution of efficacy of therapy on Borborygymi - both groups ........ 217
90. F test - trial group -borborygymi ................................................................. 217
91. F test - control group - borborygymi ............................................................ 217
92. Tuckey Kramer test - trial group - borborygymi ........................................... 219
93. Tuckey Kramer test - control group - borborygymi ....................................... 219
94. Unpaired t test - between groups - Borborygimi .......................................... 220
95. Mean distribution-efficacy of therapy on abdominal distension -both groups ...... 221
96. F Test - Trial group - Abdominal Distension .................................................. 222
97. F Test - Control group - Abdominal Distension ............................................. 222
98. Tuckey Kramer test - trial group - Abdominal distension ............................... 223
99. Tuckey Kramer test - control group - Abdominal distension ......................... 224
100. Unpaired t test - between groups - Abdominal distension ............................ 225
101. Mean distribution of efficacy of therapy on Eructation - both groups .......... 226
102. F Test - Trial group - Eructation ................................................................. 227
103. F Test - Control group - Eructation ............................................................. 228
104. Tuckey Kramer test - trial group - Eructation ............................................ 228
105. Tuckey Kramer test - control group - Eructation .......................................... 229
106. Unpaired t test - between groups - Eructation ............................................ 229
107. Mean distribution of efficacy of therapy on Increased flatus - both groups ...... 231
108. F Test - trial group - Increased flatus ......................................................... 231
109. F Test - control group - Increased flatus ..................................................... 232
110. Tuckey Kramer test - trial group - Increased flatus ....................................... 233
111. Tuckey Kramer test - control group - Increased flatus .................................. 233
112. Unpaired t test - between groups - Increased flatus ...................................... 234
113. Mean distribution of efficacy of therapy on Decreased stool - both groups ...... 235
114. F Test - trial Group - Decreased stool ........................................................... 236
154. Tuckey Kramer test - control group - Daha ........................................... 268
155. Unpaired t test - between groups - Daha ........................................... 270
156. Mean distribution of efficacy of therapy on Chardi - both groups ............ 271
157. F Test - trial group - Chardi ............................................................. 272
158. F Test - control group - Chardi ......................................................... 272
159. Tuckey Kramer test - trial group - Chardi ............................................ 273
160. Tuckey Kramer test - control group - Chardi ......................................... 274
161. Unpaired t test - between groups - Chardi .......................................... 274
162. Mean distribution of efficacy of therapy on Soola - both groups ............... 276
163. F Test - trial group - Soola .............................................................. 276
164. F Test - control group - Soola ........................................................... 277
165. Tuckey Kramer test - trial group - Soola ............................................. 277
166. Tuckey Kramer test - control group - Soola ........................................... 278
167. Unpaired t test - between groups - Soola ........................................... 279
168. Mean distribution of efficacy of therapy on Avipaka - both groups .......... 280
169. F Test - trial group - Avipaka ........................................................... 281
170. F Test - control group - Avipaka ....................................................... 281
171. Tuckey Kramer test - trial group - Avipaka ........................................... 282
172. Tuckey Kramer test - control group - Avipaka ........................................ 283
173. Unpaired t test - between groups - Avipaka ........................................ 283
174. Mean distribution of efficacy of therapy on Amlodgara - both groups ...... 285
175. F Test - Trial group - Amlodgara ....................................................... 285
176. F Test - Control group - Amlodgara .................................................... 286
177. Tuckey Kramer test - trial group - Amlodgara ......................................... 286
178. Tuckey Kramer test - control group - Amlodgara .................................... 287
179. Unpaired t test - between groups - Amlodgara ...................................... 288
180. Mean distribution-efficacy of therapy on Amlapitta total score - both groups 289
181. F Test - Trial group - Amlapitta total score .......................................... 290
182. F Test - Control group - Amlapitta total score ....................................... 290
183. Tuckey Kramer test - trial group - Amlapitta total score ........................ 291
184. Tuckey Kramer test - control group - Amlapitta total score .................... 293
185. Unpaired t test - between groups - Amlapitta total score ........................ 293
186. Level of significance on the efficacy on Amlapitta rating scale ................. 295
187. Distribution of the subjects according to Snigdha ahara and GSRS .......... 296
188. $\chi^2$ Table on snigdha ahara and GSRS score .................................. 296
189. Distribution of the subjects according to ushna ahara and GSRS ............. 297
190. $\chi^2$ table on ushna ahara and GSRS score ........................................ 297
191. Distribution of the subjects according to madhura rasa and GSRS .......... 297
192. $\chi^2$ Table on madhura rasa and GSRS score ...................................... 298
193. Distribution of the subjects according to amla rasa and GSRS .............. 298
194. Table on amla rasa and GSRS score .............................................. 298
195. Distribution of the subjects according to lavana rasa and GSRS ........... 299
196. $\chi^2$ table on lavana rasa and GSRS score ..................................... 299
197. Distribution of the subjects according to katu rasa and GSRS ............ 300
198. $\chi^2$ Table on katu rasa and GSRS score ....................................... 300
199. Distribution of the subjects according to tikta rasa and GSRS .......... 300
200. $\chi^2$ table on tikta rasa and GSRS score ...................................... 301
201. Distribution of the subjects according to kashaya rasa and GSRS ..... 301
202. $\chi^2$ Table on kashaya rasa and GSRS score ................................ 301
203. Distribution of the subjects according to refrigerated food and GSRS ... 302
204. $\chi^2$ table on refrigerated food and GSRS score ............................. 302
205. Distribution of the subjects according to skipping of meals and GSRS ... 303
206. $\chi^2$ table on skipping of meals and GSRS score ............................ 303
207. Distribution of the subjects according to atmosphere of food intake and GSRS ... 303
208. $\chi^2$ table on atmosphere of food intake and GSRS score ............... 303
209. Distribution of the subjects according to intake after appetite and GSRS ... 304
210. $\chi^2$ table on Intake after appetite and the GSRS score .................... 304
211. Distribution of subjects according to irregular timing of meals and GSRS ... 305
212. $\chi^2$ table on Irregular timing of meals and the GSRS score .......... 305
213. Distribution of the subjects according to irregular sleep and GSRS .... 305
214. $\chi^2$ table on irregular sleep and the GSRS score ........................... 306
215. Distribution of the subjects according to Mental exertion and GSRS ..... 306
216. $\chi^2$ table on mental exertion and the GSRS score .......................... 306
217. Distribution of the subjects according to physical exertion and GSRS .... 307
218. $\chi^2$ table on physical exertion and the GSRS score ....................... 307
219. Distribution of subjects according to family history of Amlapitta and GSRS .... 308
220. $\chi^2$ table on Family history of Amlapitta and the GSRS score .......... 308
221. Distribution of the subjects according to excess processed food and GSRS ... 308
222. $\chi^2$ table on excess processed food intake and the GSRS score ......... 309
223. Distribution of the subjects according to stale food and GSRS ........... 309
224. $\chi^2$ table on excess stale food intake and the GSRS score .............. 309
225. Distribution of the subjects according to excessive travelling and GSRS ... 310
226. $\chi^2$ table on excessive travelling and the GSRS score .................... 310
227. Distribution of subjects according to excess carbonated drink & GSRS ... 311
228. $\chi^2$ Table on excess use of carbonated drink and the GSRS score .... 311
229. Distribution of the subjects according to excess use of NSAID and GSRS ... 312
230. $\chi^2$ Table on Excess use of NSAID and the GSRS score ............... 312
231. Distribution of the subjects according to quantity of food intake and GSRS ... 312
232. $\chi^2$ table on quantity of food intake and the GSRS score ........................................ 313
233. Distribution of the subjects according to mixed diet intake and GSRS ........... 313
234. $\chi^2$ table on mixed diet intake and the GSRS score ........................................ 313
235. Distribution of subjects according to non compatible food intake and GSRS .. 314
236. $\chi^2$ Table on non compatible intake and the GSRS score ................................. 314
237. Distribution of the subjects according to attained menopause and GSRS ........ 315
238. $\chi^2$ table on attained menopause and the GSRS score ........................................ 315
239. Distribution of the subjects according to Vishamagni and GSRS ................. 316
240. $\chi^2$ table on Vishamagni and the GSRS score .............................................. 316
241. Distribution of the subjects according to Mandagni and GSRS .................... 316
242. $\chi^2$ table on Mandagni and the GSRS score .................................................... 317
243. Distribution of the subjects according to kroora koshta and GSRS .............. 317
244. $\chi^2$ table on kroora koshta and the GSRS score ........................................... 317
245. Distribution of the subjects according to Vatha Pitta prakrithi and GSRS ......... 318
246. $\chi^2$ table on Vatha Pitta prakrithi and the GSRS score ................................. 318
247. Distribution of the subjects according to Vatha Kapha prakrithi and GSRS .......... 319
248. $\chi^2$ table on Vatha Kapha prakrithi and the GSRS score ........................................ 319
249. Distribution of the subjects according to Rajasa prakrithi and GSRS ............ 319
250. $\chi^2$ table on Rajasa prakrithi and the GSRS score ............................................ 320
251. Distribution of the subjects according to home maker and GSRS .............. 320
252. $\chi^2$ table on home maker and their GSRS score ........................................... 320
253. Distribution of subjects according to job with physical exertion and GSRS ...... 321
254. $\chi^2$ table on job with physical exertion and their GSRS score ....................... 321
255. Correlation between the contributory factors and GSRS in subjects ............ 322
256. Association regarding the various factors and FD - level of significance ....... 323
257. Multiple Regression coefficient on analysis ................................................. 324
258. Anova table on the influence of the variables on GSRS ............................... 324
259. Contributions of individual factors on the GSRS score .................................... 324
260. Multiple Regression coefficient on analysis of rasas .................................. 325
261. Anova table on the influence of rasas on GSRS ............................................. 326
262. Contributions of individual rasas on the GSRS score ..................................... 327
263. Percentage of relief attained in both groups on GSRS ................................. 327
264. Percentage of relief attained in both groups on Amlapitta rating scale ........... 329
List of Graphs

1. Distribution according to sex ........................................................... 158
2. Distribution according to the age group .............................................. 158
3. Distribution according to religion ...................................................... 158
4. Distribution according to marital status .............................................. 159
5. Distribution according to economic status ........................................... 159
6. Distribution according to educational status ...................................... 159
7. Distribution according to occupational status ..................................... 160
8. Mean scores of routine blood examination ......................................... 163
9. Mean values of RBS and total cholesterol .......................................... 164
10. Mean values of LFT between groups ................................................ 165
11. Distribution according to the status of Agni ....................................... 168
12. Distribution according to the status of Koshta ................................... 169
13. Distribution according to the satwa .................................................. 170
14. Distribution according to the type of the food ................................... 171
15. Distribution according to the timing of the meals ............................... 171
16. Distribution according to the pace of food intake ............................. 172
17. Distribution according to the skipping of meals .............................. 172
18. Distribution according to the intake of food after having appetite .......... 173
19. Distribution according to the atmosphere of food intake ................... 173
20. Distribution according to the intake of altered food .......................... 174
21. Distribution according to the excess intake of rasas ........................... 175
22. Distribution according to the various habits ..................................... 175
23. Distribution according to the nature of the pureesha .......................... 176
24. Distribution according to the nature of the sleep ................................ 177
25. Distribution according to the sareerika prakrithi ................................ 178
26. Distribution according to the manasa prakrithi ................................... 179
27. Distribution according to the Dosha status ...................................... 180
28. Distribution according to the guna of food ........................................ 181
29. Distribution according to the Abyavaharan sakthi ............................... 182
30. Distribution according to the Jarana sakthi ....................................... 182
31. Distribution according to the use of NSAID’s .................................... 183
32. Distribution according to factors affecting digestion .......................... 184
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Q-Q plot for age in trial group</td>
</tr>
<tr>
<td>34</td>
<td>Q-Q plot for age in control group</td>
</tr>
<tr>
<td>35</td>
<td>Q-Q plot for GSRS score in trial group</td>
</tr>
<tr>
<td>36</td>
<td>Q-Q plot for GSRS score in control group</td>
</tr>
<tr>
<td>37</td>
<td>Mean distribution of efficacy on Abdominal pain - Trial group</td>
</tr>
<tr>
<td>38</td>
<td>Mean distribution of efficacy on Abdominal pain - Control group</td>
</tr>
<tr>
<td>39</td>
<td>Mean distribution of the efficacy between groups - Abdominal pain</td>
</tr>
<tr>
<td>40</td>
<td>Distribution of the percentage of relief between groups - Abdominal pain</td>
</tr>
<tr>
<td>41</td>
<td>Mean distribution of efficacy of therapy on heart burn - Trial group</td>
</tr>
<tr>
<td>42</td>
<td>Mean distribution of efficacy of therapy on heart burn - Control group</td>
</tr>
<tr>
<td>43</td>
<td>Mean distribution of the efficacy of therapy between groups - Heart burn</td>
</tr>
<tr>
<td>44</td>
<td>Distribution of the percentage of relief between groups - Heart burn</td>
</tr>
<tr>
<td>45</td>
<td>Mean distribution of efficacy on Acid regurgitation - Trial group</td>
</tr>
<tr>
<td>46</td>
<td>Mean distribution of efficacy on Acid regurgitation - Control group</td>
</tr>
<tr>
<td>47</td>
<td>Mean distribution of the efficacy of therapy between groups - Acid regurgitation</td>
</tr>
<tr>
<td>48</td>
<td>Distribution of the percentage of relief between groups - Acid regurgitation</td>
</tr>
<tr>
<td>49</td>
<td>Mean distribution of efficacy of therapy on Sucking sensation - Trial</td>
</tr>
<tr>
<td>50</td>
<td>Mean distribution of efficacy of therapy on Sucking sensation - Control</td>
</tr>
<tr>
<td>51</td>
<td>Mean distribution of the efficacy of therapy between groups - Sucking sensation</td>
</tr>
<tr>
<td>52</td>
<td>Distribution of the percentage of relief between groups - Sucking sensation</td>
</tr>
<tr>
<td>53</td>
<td>Mean distribution of efficacy of therapy on nausea/vomiting - Trial</td>
</tr>
<tr>
<td>54</td>
<td>Mean distribution of efficacy of therapy on nausea/vomiting - Control</td>
</tr>
<tr>
<td>55</td>
<td>Mean distribution of the efficacy of therapy between groups - nausea/vomiting</td>
</tr>
<tr>
<td>56</td>
<td>Distribution of the percentage of relief between groups - nausea/vomiting</td>
</tr>
<tr>
<td>57</td>
<td>Mean distribution of efficacy of therapy on Borborygymi - Trial group</td>
</tr>
<tr>
<td>58</td>
<td>Mean distribution of efficacy of therapy on Borborygymi - Control group</td>
</tr>
<tr>
<td>59</td>
<td>Mean distribution of the efficacy of therapy between groups - Borborygymi</td>
</tr>
<tr>
<td>60</td>
<td>Distribution of the percentage of relief between groups - Borborygymi</td>
</tr>
<tr>
<td>61</td>
<td>Mean distribution of efficacy of therapy on Abdominal distension - Trial</td>
</tr>
<tr>
<td>62</td>
<td>Mean distribution of efficacy of therapy on Abdominal distension - Control</td>
</tr>
<tr>
<td>63</td>
<td>Distribution of the percentage of relief between groups - Abdominal distension</td>
</tr>
<tr>
<td>64</td>
<td>Mean distribution of efficacy of therapy on Eructation - Trial group</td>
</tr>
<tr>
<td>65</td>
<td>Mean distribution of efficacy of therapy on Eructation - Control group</td>
</tr>
<tr>
<td>66</td>
<td>Mean distribution of the efficacy of therapy between groups - Eructation</td>
</tr>
<tr>
<td>67</td>
<td>Distribution of the percentage of relief between groups - Eructation</td>
</tr>
</tbody>
</table>
69. Mean distribution of efficacy of therapy on increased flatus – Trial group ..... 232
70. Mean distribution of efficacy of therapy on increased flatus – Control group ...... 232
71. Mean distribution of efficacy of therapy between groups - increased flatus ...... 234
72. Distribution of the percentage of relief between groups- increased flatus..... 235
73. Mean distribution of efficacy of therapy on Decreased stool – Trial group ..... 237
74. Mean distribution of efficacy of therapy on Decreased stool – Control group ........ 237
75. Mean distribution of the efficacy of therapy between groups- Decreased stool....... 239
76. Distribution of the percentage of relief between groups- Decreased stool ..... 239
77. Mean distribution of efficacy of therapy on Loose stool - Trial group .......... 241
78. Mean distribution of efficacy of therapy on Loose stool - Control group ...... 242
79. Mean distribution of the efficacy of therapy between groups- Loose stool .... 244
80. Distribution of the percentage of relief between groups- Loose stool .......... 244
81. Mean distribution of efficacy of therapy on Hard stool - Trial group .......... 246
82. Mean distribution of efficacy of therapy on Hard stool - Control group ........ 247
83. Mean distribution of the efficacy of therapy between groups- Hard stool ....... 249
84. Distribution of the percentage of relief between groups- Hard stool .......... 249
85. Mean distribution of efficacy of therapy on Urgency of defecation - Trial ....... 251
86. Mean distribution of efficacy of therapy on Urgency of defecation - control .... 251
87. Mean distribution of the efficacy between groups- Urgency of defecation ......... 253
88. Distribution of the percentage of relief between groups- Urgency of defecation ...... 254
89. Mean distribution of efficacy on Feeling of incomplete evacuation - Trial ....... 256
90. Mean distribution of efficacy on Feeling of incomplete evacuation - control . 256
91. Mean distribution of the efficacy between groups- Feeling of incomplete evacuation...................................................... 258
92. Distribution of percentage of relief between groups- Feeling of incomplete evacuation...................................................... 258
93. Mean distribution of efficacy of therapy on Total score GSRS - Trial group ...... 261
94. Mean distribution of efficacy of therapy on Total score GSRS - Control group ...... 261
95. Mean distribution of efficacy of therapy between groups- Total score GSRS ...... 263
96. Distribution of percentage of relief between groups - Total score GSRS ...... 263
97. Percentage of relief on individual symptoms- After trial .......................... 264
98. Percentage of relief on individual symptoms- After follow up .................... 264
99. Mean distribution of efficacy of therapy on Daha - Trial group ................... 269
100. Mean distribution of efficacy of therapy on Daha- Control group ............... 269
101. Mean distribution of the efficacy of therapy between groups- Daha ............ 270
102. Distribution of the percentage of relief between groups- Daha ................... 271
103. Mean distribution of efficacy of therapy on Chardi - Trial group .................. 273
104. Mean distribution of efficacy of therapy on Chardi - Control group .............. 273
105. Mean distribution of the efficacy of therapy between groups- Chardi ........... 275
106. Distribution of the percentage of relief between groups - Chardi ................. 275
107. Mean distribution of efficacy of therapy on Soola - Trial group .................. 278
108. Mean distribution of efficacy of therapy on Soola - Control group ............. 278
109. Mean distribution of the efficacy of therapy between groups- Soola .......... 280
110. Distribution of the percentage of relief between groups- Soola ................. 280
111. Mean distribution of efficacy of therapy on Avipaka - Trial group ............. 282
112. Mean distribution of efficacy of therapy on Avipaka - Control group ........... 282
113. Mean distribution of the efficacy of therapy between groups- Avipaka ...... 284
114. Distribution of the percentage of relief between groups- Avipaka ............... 284
115. Mean distribution of efficacy of therapy on Amlodgara - Trial group ........ 287
116. Mean distribution of efficacy of therapy on Amlodgara - Control group ...... 287
117. Mean distribution of the efficacy of therapy between groups- Amlodgara ... 288
118. Distribution of the percentage of relief between groups- Amlodgara .......... 288
119. Mean distribution of efficacy on Amlapitta total score - Trial group .......... 291
120. Mean distribution of efficacy on Amlapitta total score - Control group ...... 291
121. Mean distribution of efficacy between groups- Amlapitta total score ....... 292
122. Distribution of percentage of relief between groups - Amlapitta total score 292
123. Percentage of relief on individual symptoms - After trial .................... 294
124. Percentage of relief on individual symptoms - On follow up ................... 294
125. Percentage of relief after the treatment in both groups - GSRS ................ 327
126. Percentage of relief on the follow-up in both groups - GSRS ................. 328
127. Average Percentage of relief attained in both the groups on GSRS .......... 329
128. Percentage of relief after the treatment in both groups - Amlapitta score ... 330
129. Percentage of relief on the follow-up in both groups - Amlapitta ............ 331
130. Average percentage of relief attained in both groups on Amlapitta score ... 331
List of Diagrams

1. Samanya samprapthi of Amlapitta ................................................. 94
2. Detailed samprapthi of Amlapitta ................................................ 98
3. Preparation flow chart of Kwatham .............................................. 128
4. Preparation flow chart of Kwatham tablet ................................. 128
5. Overview graph of samples at 254 nm - HPTLC ......................... 132
6. Overview graph of samples at 366 nm - HPTLC ......................... 132
7. TLC plate views samples at 254 nm ......................................... 133
8. TLC plate views samples at 366 nm ......................................... 133
9. TLC Plate Views Samples At White Light ................................. 134
10. LC Plate Views Samples At Derivatization ............................. 134