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| --- | --- | --- |
| **Inclusion criteria** | **Comparison** | **Area under the ROC curve** |
| All patients | CRP Day 5 vs highest day 1-4 | 0.65 |
|  | CRP Day 5 or 6 vs highest previously | 0.62 |
| All patients with decreasing CRP concentrations over time only – rising CRPs excluded | CRP Day 5 vs highest day 1-4 | 0.67 |
| CRP Day 5 or 6 vs highest previously | 0.67 |
| CRP Day 3 vs 5 | 0.65 |
| CRP Day 5 vs 7 | 0.61 |
|  | CRP Day 3 vs 7 | 0.66 |
| Primary Laryngectomies | CRP Day 5 vs highest day 1-4 | 0.68 |
| Salvage Laryngectomy | CRP Day 5 vs highest day 1-4 | 0.51 |

Table 3. Summary of Receiver Operating Characteristic curves used to assess if comparing C-reactive protein (CRP) concentrations between different post-operative periods could be used to accurately predict pharyngocutaneous fistula.