|  |  |  |  |
| --- | --- | --- | --- |
|  | Group 1 | Group 2 | p value |
|  |  |  |  |
| Number of patients | 155 | 70 |  |
| Age, years | 66.54+8.19 | 67.8+6.85 | 0.264 |
| Diagnosis  Biopsy (n,%)  Transurehral resection(n,%)  PSA (ng/ml)  HALP score  Haemoglobin(mg/dL)  Albumin  Lymphocyte  Platelet | 94(60.6)  61 (39.35)  6.37+3.98  49.43  14.38+1.58  4.3  1800  240651+59420 | 58(82.85)  12 (17.14)  8.62+4.25  51.2  14.05+1.69  4.1  2105  250485+73520 | \*0.001  \*0.0002  0.737  0.165  \*0.0001  \*0.005  0.288 |
|  |  |  |  |

**Table-1: The patient characteristics and laboratory results**



|  |  |  |  |
| --- | --- | --- | --- |
| Variable | AUC | SE | 95% CI |
| PSA | 0,656 | 0,0381 | 0,590 to 0,718 |
| Haemoglobin | 0,544 | 0,0437 | 0,477 to 0,611 |
| Albumin | 0,696 | 0,0393 | 0,631 to 0,755 |
| Lymphocyte | 0,616 | 0,0409 | 0,549 to 0,680 |
| Platelet | 0,545 | 0,0418 | 0,477 to 0,611 |
| HALP SCORE | 0,514 | 0,0434 | 0,447 to 0,581 |
|  |  |  |  |

Figure-1: The ROC analysis of the parameters

|  |  |  |  |
| --- | --- | --- | --- |
|  | Difference between areas | SE | p value |
| PSA ~ Haemoglobin | **0,112** | **0,058** | **0,0552** |
| PSA ~ Albumin | **0,0401** | **0,0540** | **0,4580** |
| PSA ~ Lymphocyte | **0,0400** | **0,0548** | **0,4655** |
| PSA ~ Platelet | **0,111** | **0,0575** | **0,0532** |
| PSA ~ HALP SCORE | **0,142** | **0,0565** | **0,0120** |
| Haemoglobin ~ Albumin | **0,152** | **0,0531** | **\*0,0043** |
| Haemoglobin ~ Lymphocyte | **0,0715** | **0,0701** | **0,3077** |
| Haemoglobin ~ Platelet | **0,000415** | **0,0549** | **0,9940** |
| Haemoglobin ~ HALP SCORE | **0,0303** | **0,0780** | **0,6977** |
| Albumin~ Lymphocyte | **0,0801** | **0,0586** | **0,1717** |
| Albumin~ Platelet | **0,151** | **0,0515** | **\*0,0033** |
| Albumin~ HALP SCORE | **0,182** | **0,0672** | **\*0,0068** |
| Lymphocyte~ Platelet | **0,0711** | **0,0551** | **0,1970** |
| Lymphocyte~ HALP SCORE | **0,102** | **0,0312** | **\*0,0011** |
| Platelet ~ HALP SCORE | **0,0307** | **0,0724** | **0,6718** |

Table-2: Comparision of the parameters for ROC analysis