

## BAB 4

### HASIL PENELITIAN DAN ANALISA DATA

#### 4.1 Hasil Penelitian

Setelah dilakukan uji laboratorium gread hasil pembacaan jumlah BTA dan kadar SGPT secara kuantitatif terhadap penderita TBC paru rawat jalan di Rumah Sakit Paru Surabaya, maka diperoleh hasil penelitian sebagai berikut :

**Tabel 4.1 Hasil Pemeriksaan Gread Pembacaan Jumlah BTA Dengan Kadar SGPT Pada Penderita TBC Paru di RS. Paru Surabaya**

| No | Kode Sampel | Jenis Kelamin | BTA | SGPT | Keterangan |
|----|-------------|---------------|-----|------|------------|
| 1  | A           | Laki-laki     | +2  | 16   | Normal     |
| 2  | B           | Laki-laki     | +2  | 19   | Normal     |
| 3  | C           | Laki-laki     | +1  | 21   | Normal     |
| 4  | D           | Perempuan     | +3  | 18   | Normal     |
| 5  | E           | Perempuan     | +1  | 23   | Normal     |
| 6  | F           | Laki-laki     | +1  | 22   | Normal     |
| 7  | G           | Laki-laki     | +1  | 39   | Normal     |
| 8  | H           | Laki-laki     | +3  | 29   | Normal     |
| 9  | I           | Laki-laki     | +2  | 19   | Normal     |
| 10 | J           | Perempuan     | +1  | 14   | Normal     |
| 11 | K           | Perempuan     | +1  | 14   | Normal     |
| 12 | L           | Laki-laki     | +2  | 22   | Normal     |
| 13 | M           | Laki-laki     | +2  | 20   | Normal     |
| 14 | N           | Laki-laki     | +1  | 14   | Normal     |
| 15 | O           | Laki-laki     | +1  | 17   | Normal     |
| 16 | P           | Perempuan     | +2  | 37   | Tinggi     |
| 17 | Q           | Perempuan     | +2  | 33   | Tinggi     |
| 18 | R           | Perempuan     | +1  | 17   | Normal     |
| 19 | S           | Perempuan     | +1  | 58   | Tinggi     |
| 20 | T           | Perempuan     | +2  | 18   | Normal     |
| 21 | U           | Laki-laki     | +2  | 15   | Normal     |
| 22 | V           | Laki-laki     | +1  | 16   | Normal     |
| 23 | W           | Laki-laki     | +2  | 22   | Normal     |
| 24 | X           | Perempuan     | +1  | 17   | Normal     |
| 25 | Y           | Laki-laki     | +1  | 16   | Normal     |
| 26 | Z           | Laki-laki     | +2  | 16   | Normal     |
| 27 | AA          | Perempuan     | +2  | 20   | Normal     |

|           |    |           |    |      |        |
|-----------|----|-----------|----|------|--------|
| 28        | BB | Laki-laki | +3 | 27   | Normal |
| 29        | CC | Laki-laki | +1 | 15   | Normal |
| 30        | DD | Perempuan | +2 | 20   | Normal |
| Jumlah    |    |           |    | 654  |        |
| Rata-rata |    |           |    | 21,8 |        |

**Nilai Normal SGPT** : Pria :  $\leq 42 \mu/l$

Wanita :  $\leq 32 \mu/l$

**Tabel 4.2 Hasil Hubungan Gread Hasil Pembacaan Jumlah BTA Dengan Kadar SGPT Pada Penderita TBC Paru**

| Gread Hasil   | Hasil SGPT |              | Jumlah |
|---------------|------------|--------------|--------|
|               | Normal     | Tidak Normal |        |
| +1            | 13         | 1            | 14     |
| +2            | 11         | 2            | 13     |
| +3            | 3          | 0            | 3      |
| <b>Jumlah</b> | 27         | 3            | 30     |

Dari data pada table 4.2 dilihat dalam bentuk diagram batang berikut ini :

**Gambar 4.1 Diagram Batang Tentang Kadar SGPT Penderita TBC Paru Pada Gread +1, +2, +3**

Dari diagram batang diatas dapat diketahui bahwa pada gread +1 hasil SGPT normal 13 orang yang tidak normal 1 orang, gread +2 normal 11 orang yang tidak normal 2 orang, gread +3 normal 3 orang yang tidak normal tidak ada.

## 4.2 Analisa Data

Berdasarkan hasil penelitian dan analisa data, maka dilakukan uji statistik dengan metode SPSS. Dari uji normalitas kemudian dilakukan uji Chi – Square.

### 4.2.1 Perhitungan dengan uji Chi – Square Metode SPSS :

#### Normal Parameter Tests

## One-Sample Kolmogorov-Smirnov Test

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|------------------------|----------------|--------|
| N                      |                | 30     |
| Normal                 | Mean           | 1,1000 |
| Parameters(a,b)        | Std. Deviation | ,30513 |
| Most Extreme           | Absolute       | ,528   |
| Differences            | Positive       | ,528   |
|                        | Negative       | -,372  |
| Kolmogorov-Smirnov Z   |                | 2,894  |
| Asymp. Sig. (2-tailed) |                | ,000   |

a Test distribution is Normal.

b Calculated from data.

## Chi-Square Test

### Hasil Pemeriksaan Jumlah BTA dengan Kadar SGPT pada penderita TBC Paru

|        | Observed<br>N | Expected<br>N | Residual |
|--------|---------------|---------------|----------|
| Normal | 27            | 15,0          | 12,0     |
| Tinggi | 3             | 15,0          | -12,0    |
| Total  | 30            |               |          |

### Test Statistics

|                | Hasil Pemeriksaan Jumlah BTA dengan<br>Kadar SGPT pada penderita TBC Paru |
|----------------|---|
| Chi-Square(a)  | 19,200  |
| df             | 1   |
| Asymp.<br>Sig. | ,000  |

a. 0 cells (.0%) have expected frequencies less than 5. The minimum expected cell frequency is 15,0.

### Kode Sampel

|       | Observed<br>N | Expected<br>N | Residual |
|-------|---------------|---------------|----------|
| 1,00  | 1             | 1,0           | ,0       |
| 2,00  | 1             | 1,0           | ,0       |
| 3,00  | 1             | 1,0           | ,0       |
| 4,00  | 1             | 1,0           | ,0       |
| 5,00  | 1             | 1,0           | ,0       |
| 6,00  | 1             | 1,0           | ,0       |
| 7,00  | 1             | 1,0           | ,0       |
| 8,00  | 1             | 1,0           | ,0       |
| 9,00  | 1             | 1,0           | ,0       |
| 10,00 | 1             | 1,0           | ,0       |
| 11,00 | 1             | 1,0           | ,0       |
| 12,00 | 1             | 1,0           | ,0       |

|       |    |     |    |
|-------|----|-----|----|
| 13,00 | 1  | 1,0 | ,0 |
| 14,00 | 1  | 1,0 | ,0 |
| 15,00 | 1  | 1,0 | ,0 |
| 16,00 | 1  | 1,0 | ,0 |
| 17,00 | 1  | 1,0 | ,0 |
| 18,00 | 1  | 1,0 | ,0 |
| 19,00 | 1  | 1,0 | ,0 |
| 20,00 | 1  | 1,0 | ,0 |
| 21,00 | 1  | 1,0 | ,0 |
| 22,00 | 1  | 1,0 | ,0 |
| 23,00 | 1  | 1,0 | ,0 |
| 24,00 | 1  | 1,0 | ,0 |
| 25,00 | 1  | 1,0 | ,0 |
| 26,00 | 1  | 1,0 | ,0 |
| 27,00 | 1  | 1,0 | ,0 |
| 28,00 | 1  | 1,0 | ,0 |
| 29,00 | 1  | 1,0 | ,0 |
| 30,00 | 1  | 1,0 | ,0 |
| Total | 30 |     |    |

## Test Statistics

|                 | Hasil<br>Pemeriksaan<br>Jumlah BTA<br>dengan<br>Kadar SGPT<br>pada<br>penderita<br>TBC Paru | Kode<br>Sampel |
|-----------------|---|----------------|
| Chi-Square(a,b) | 19,200  | ,000           |
| df              | 1   | 29             |
| Asymp.<br>Sig.  | ,000  | 1,000          |

a 0 cells (,0%) have expected frequencies less than 5. The minimum expected cell frequency is 15,0.

b 30 cells (100,0%) have expected frequencies less than 5. The minimum expected cell frequency is 1,0.