## 2 Result

### 2.1 Curative Effects

Before the treatment, 3 cases still place in the abating fever period, and the other 47 cases place in fever period. Figure 2.1 shows the patients’ temperature distribution.

Figure 2.1 The body temperature distribution of patients before the treatment

Table 2.1 The detail conditions of patients from d7 to d28

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Total | cases | Tf(h) | Tp(h) | d7 | d14 | d21 | d28 |
| 50 | 46 | 17.2±9.9 | 52±20.2 | no recrudescence. | | | |
|
| 3 | no recrudescence | | | missing |
| 1 | missing | | | |

Table 2.1 shows the Tf, Tp and the condition of the recrudescence from d7 to d28, 46 cases have the detail records from d7 to d28, 3 cases have missed since d21, and the remaining 1 case is missing during the whole observation period. Tf stands for the Average fever clearance time, and Tp stands for the Average parasite clearance time.

7 cases have gametophyte before treatment, but after that, there is only one case with gametophyte. In particular, the gametophyte of 5 cases gradually disappeared after curation, and the remaining 2 cases disappeared after d21. We could find the detail comparation of before and after treatment in Table 2.2 and Table 2.3.

Table2.2 The situation of hematology

|  |  |  |  |
| --- | --- | --- | --- |
|  | N/case | Nwbc/(X 10^9·L-¹) | Nrbc/（x 10^12·L-¹） |
| before treatment | 46 | 6.3±2.5 | 4.6±0.6 |
| after treatment | 46 | 6.1±2.0 | 4.6±0.5 |

Table2.3 The situation of blood biochemical

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | N/case | Jalt/(U·L-¹) | Jast/(U·L-¹) | Ctb/(μmol·L-¹) | Cdb/(μmol·L-¹) | Ccr/(μmol·L-¹) |
| before treatment | 34 | 15.4±8.8 | 24.2±3.2 | 10.9±5.0 | 3.2±2.3 | 115.9±29.8 |
| after  treatment | 34 | 13.7±8.3 | 18.9±7.7 | 5.8±1.7 | 1.9±1.0 | 106.6±29.9 |

### 2.2 Side Effects

Figure 2.2 The side effects of the patients

The Figure 2.2 shows that side effects are not performed locally or generally in most of patients, 3 cases have headache, 1 has anorexia, and another one has pruritus. And these symptoms last only 1~2day, and we have no ample evidence to eliminate conditions caused by malaria.

Table 2.4 The condition about abnormality of ALT,AST and total bilirubin

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | N/case | Nalt/case | Nast/case | Ntb/case |
| Before the treatment | 34 | 1(42 U/L) | 1(48 U/L) | 4 |
| After the treatment | 34 | 0(27 U/L) | 0(20 U/L) | 0 |

The normal value generally accepted about the ALT place in 8 ~ 40 U·L-¹, about the AST place in 8~40U·L-¹ and about the total bilirubin place in 1.7~17.1μmol·L-¹