



Figure 2.17 Schema used in dose-escalation study. The schema involves a number of decision trees where the decisions are in response to toxicities that present in the study subjects, and where the decisions are to increase the dose for subsequently enrolled subjects

- 50 mg per day;
- 100 mg per day;
- 200 mg per day;
- 400 mg per day;
- 800 mg per day; and
- 1,200 mg per day.

The schema reveals that 3 subjects were enrolled at first (Fig. 2.17). They were given the lowest dose. Then, according to a decision tree, if DLT occurred in 2 out of 3 subjects, this defined the MTD. But if DLT occurred in only 1 subject, then 3 new subjects were enrolled in the trial, and provided with the next highest dose. Also, if no DLT occurred in any of the 3 subjects, then here also 3 new subjects were enrolled and provided with the next highest dose. This process was reiterated until the arrival of a value for the MTD.