# Version 1.0

This is the first toy model!

There is one kind of patients with Glaucoma. The testing procedure is:

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Region | Machine ID\* | Machine name on floor plan |
| 1 | Visual acuity | 2, 11, (1) | Tr, ORA |
| 2 | Visual field | 3 |  |
|  | Sub-Wait |  |  |
| 3 | Photos | 7 | CUBICLE WF |
|  | Sub-Wait |  |  |
| 4 | Scans | 4 | CUBICLE SP OCT |

In this toy model, each kind of room is represented as a cell. There should also be a cell for the entrance to avoid the case that the whole clinic is full and there is no space for new patients. Therefore, the space is a 1 by 7 grid. Below is the information about the capacity of each room and the least time duration that each patient has to take in the room.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Room | Entrance | VA | VF | Wait1 | Photos | Wait2 | Scans |
| Capacity | Inf | 3 | 3 | 9 | 4 | 5 | 3 |
| Time/min | 1 | 5 | 2 | 16 | 5 | 0 | 1 |