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Method

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Arrival Pattern : Maximum number of patients waiting at one time at listing room is 11



Listing Process Time: A number of patients waited **45 minutes to 2 hours** just for listing to be done.



Average Listing Process



Double listing takes a longer time due to:

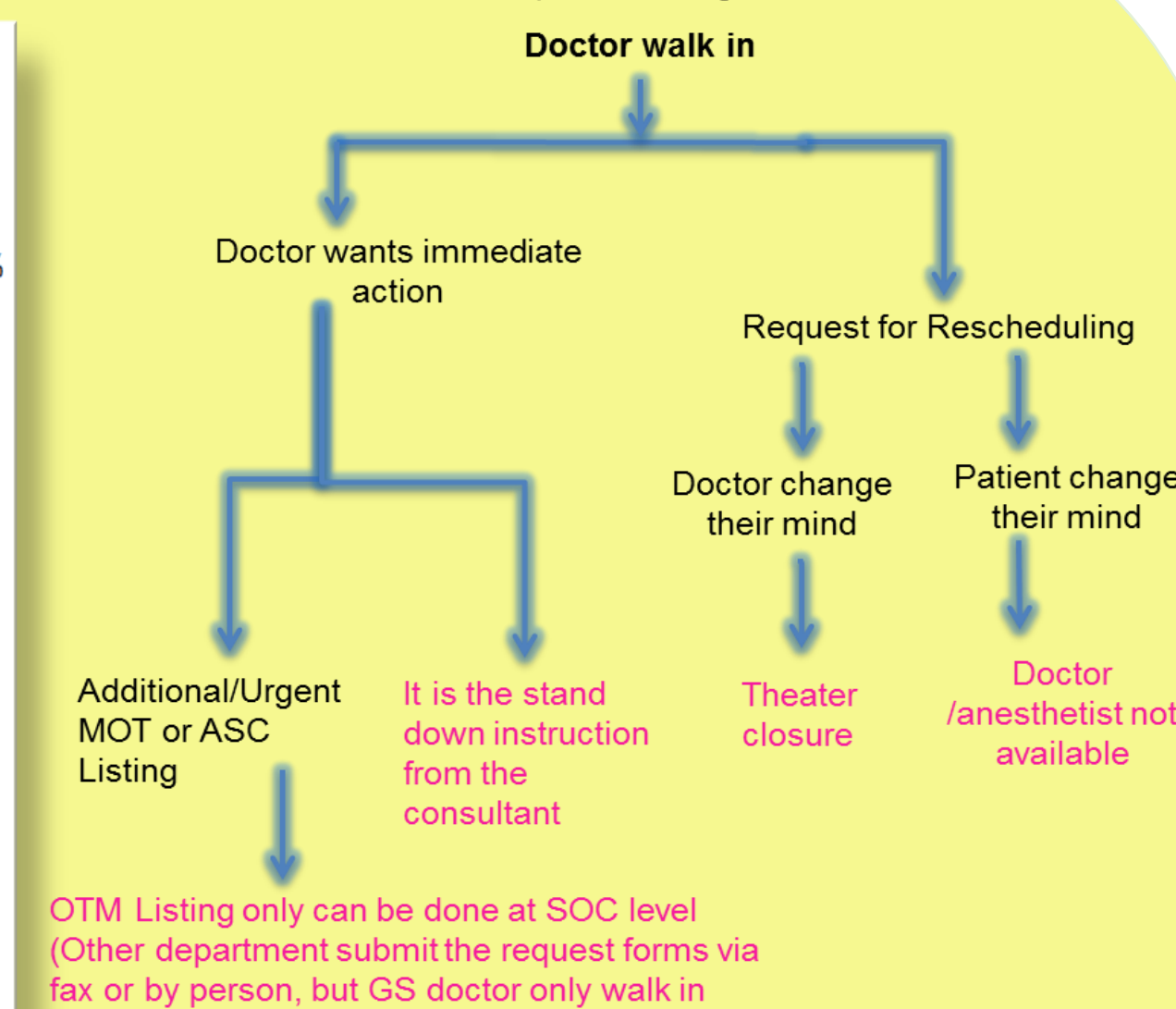
- ## Frequency of Interruptions



L1 (listing cubicle 1) and L7 (listing cubicle 7) were identified the most interrupted compared to other listing cubicles due to:

- All case notes for listing were piled at L1.
- L7 is identified by General Surgery Doctors for last minute listing/cancellation

Root Cause Analysis of Interruption



5 Whys Diagram

Conclusion

As the interruption activity is primarily human factors and it is very difficult to achieve 100% success. To greatly eliminate interruptions, a major change in the existing infrastructure layout is required. This requires major renovation and hence is not doable. However, the initiatives achieved the sub-goal of 30 minutes waiting time at the 75th percentile. With better focus on the listing, nurses are able to maximize each patient contact to provide most efficient service delivery, which is in line with SGH service commitment “Best Outcome, Best Experience”. Patients spent less time waiting and they are happier. In addition, staffs felt less stressful with less interruption from patients and time spent with each patient is more meaningful as personalized care can be rendered. To ensure sustainability of project, monthly service level tracking through feedback forms will be analyzed and random audits will be conducted by the nurse clinician. The project has also created a spin-off for the nurses to explore other opportunities like improving our bowel prep instructions in the future.