

Emergency Lift Rescue Exercise with SCDF



INTRODUCTION

Issues/problems:

- A study was conducted on the high number of Lift breakdown and Case of patient trapped in Lifts in KKH in the year of 2015
- ERM was conducted and the risk with the highest Impact was identified ;patients trapped in lift require SCDF to perform Emergency rescue

Goals & Objectives:

- To further improve and shorten Lift mantrap rescue procedures.
- To form up a seamless Emergency Rescue process in collaboration with SCDF
- To ensure KKH staffs are operational-ready in the event of an emergency lift rescue situation



METHODOLOGY

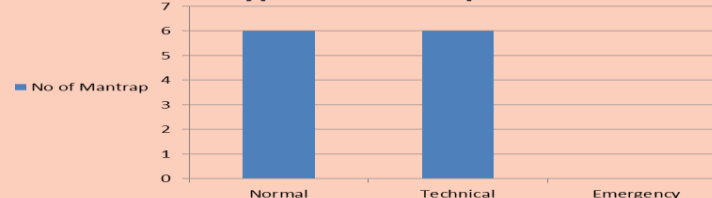
Conduct System Feasibility Study:

- Investigated and trend out with Lift vendor on factors that can cause lift man trap
- Comparison study of Lift break down cases between certain Hospitals
- Additional Training for First Response to Normal, Technical and Manual Rescue
- Form up Emergency Rescue Escalation with Table top Exercises conducted with all related departments
- Conducted a Simulation Exercise with all Relevant Departments and SCDF on 09 April
- After Action Review (AAR) with SCDF to confirm procedures.

KKH Lift Failure by components (2015)

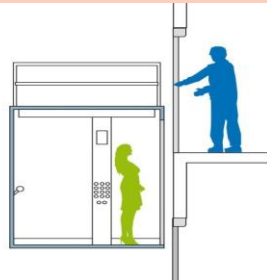
	Lift Hoistway	Door Mechanism	Mantrap – 12 case Total - 52 case	
			Machine	Controller
Jan	0	2	0	0
Feb	0	0	0	1
Mar	3	0	0	1
Apr	0	2	0	2
May	1	0	0	1
June	2	0	0	0
July	5	2	1	0
Aug	4	2	0	2
Sept	3	1	0	3
Oct	0	0	0	3
Nov	3	1	0	2
Dec	2	0	0	2
Total	23	10	1	18

Types of Mantrap



Comparison for 2015 callout

	Hosp E	KKH	Hosp A
No of lift	7	24	11
Average per year	21	52	13
Average per lift per year	3	2	1



RESULT

Simulation Exercise with SCDF was a success and all personnel more confident and ready to response to Emergency Lift Rescue.



CONCLUSION

- FRC (Fault Reporting Centre) Technicians trained in performing Normal, and Technical Rescue
- Code Blue team, FM and Security operational ready and increase confidence level to attend to emergency lift rescue situation
- Firm up procedures after AAR with SCDF