

Improving patient safety during hospital evacuation through prospective risk analysis FMECA

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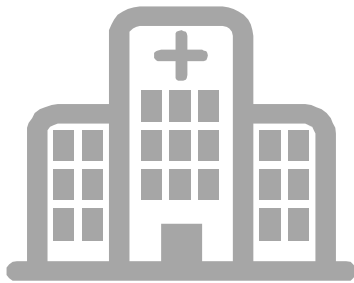
RATIONALE

Many causes of hospital evacuation exist but practical experiences are rare even if it's a high risk event for patient's safety

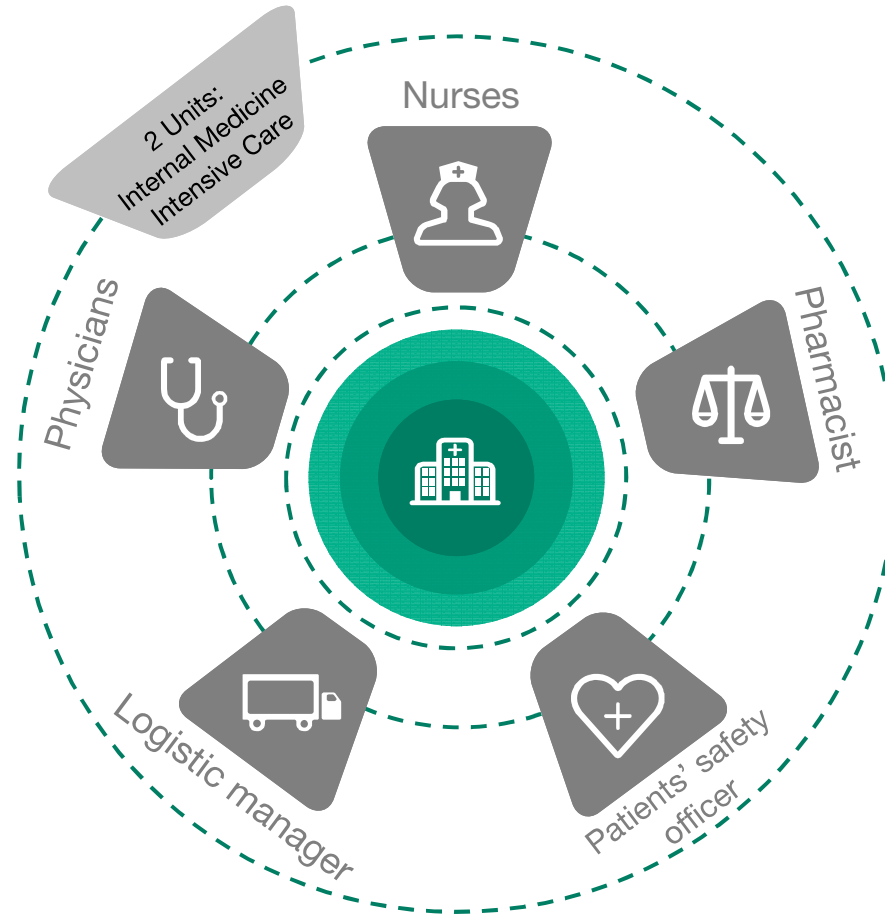


OBJECTIVE

To improve patient safety during evacuation applying a FMECA



METHOD



6 buildings
400 beds



Most patients



Highest risks



Team met 3x



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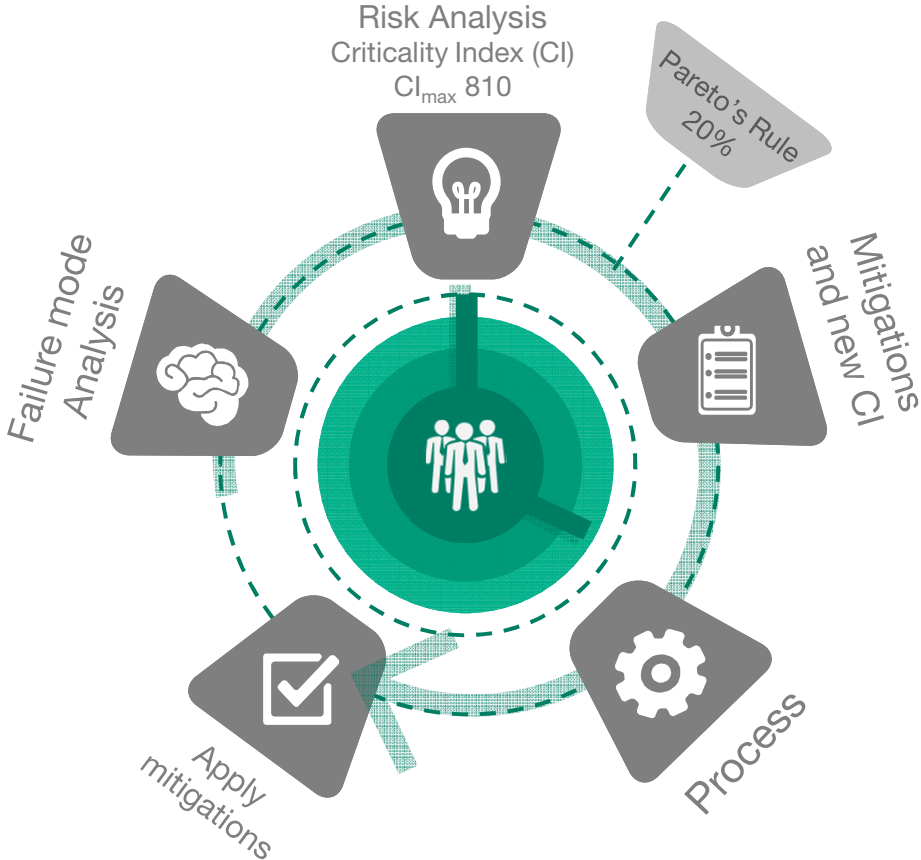
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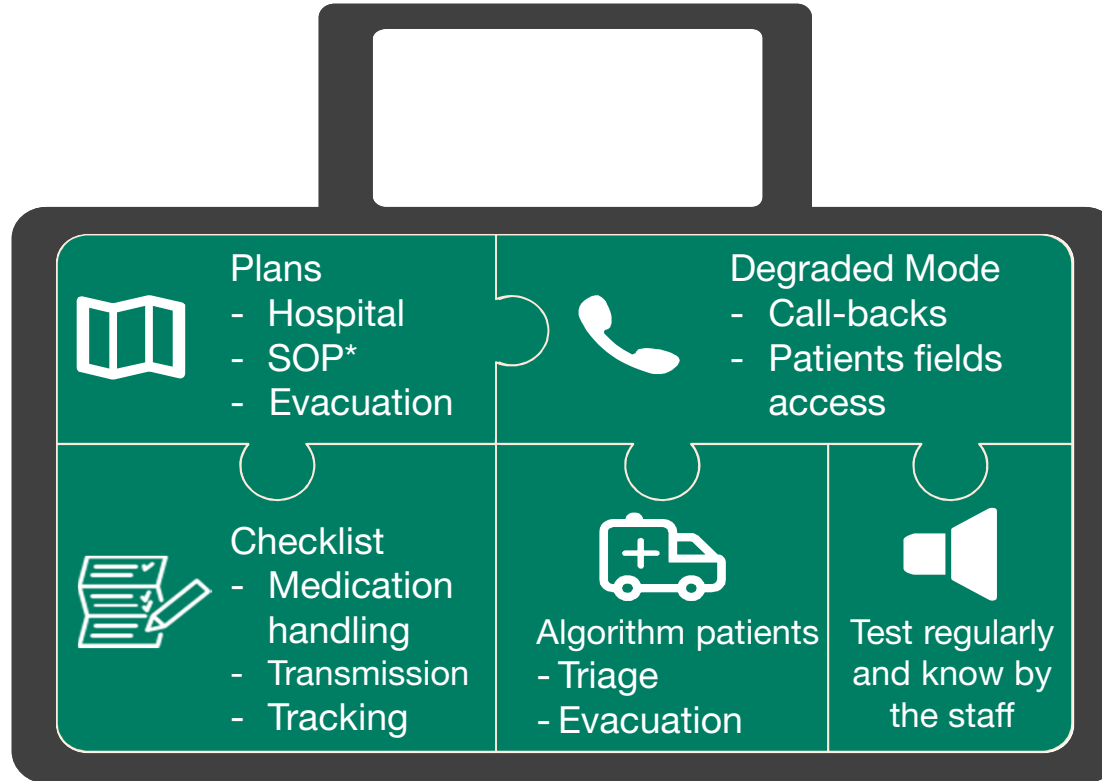
METHOD



RESULTS



RESULTS



*Standard Operating Procedures

LIMITATIONS

- FMECA is a subjective method
- Analyse only medication process
- Mitigations are only theoretical (prospective study)

CONCLUSION

Considering the challenge to anticipate evacuation event, preparedness and flexibility are required.

FMECA improves evacuation process and highlights the value of evacuation preparedness.

TAKE HOME MESSAGE

- FMECA value of evacuation preparedness
- Multi-disciplinary team improves the feasibility of mitigations
- Evacuation kit with checklist = main mitigation
- In the future, the mitigations have to be tested in a real situation

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