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A system dynamics view of the acute bed blockage problem in the Irish healthcare system

Wael Rashwan , Waleed Abo-Hamad , Amr Arisha

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**Highlights**

- An application of system dynamics in examining bed blockage at Irish hospitals.
- Implications of future demands including changes in demography are considered.
- Interventions using stock (post-acute beds) and flow (elderly patients) policies.
- Increasing capacity in post-acute beds is a counter-intuitive policy.
- Integrated solution is required to mitigate the bed blockage problem at large.

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